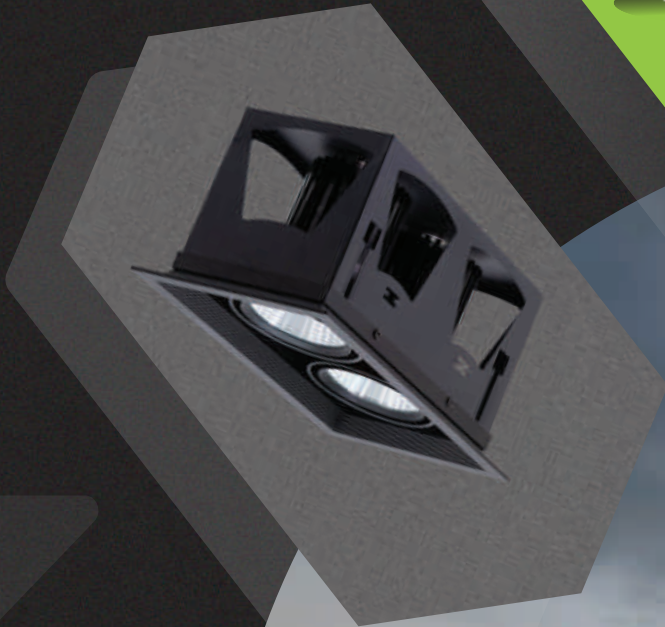




Hansagreen

LED



رؤية
VISION 2030
المملكة العربية السعودية
KINGDOM OF SAUDI ARABIA



PRODUCT CATALOGUE

2021

APPROVED
PRODUCT RANGE



Hansagreen
LED

PRODUCT CATALOGUE 2021

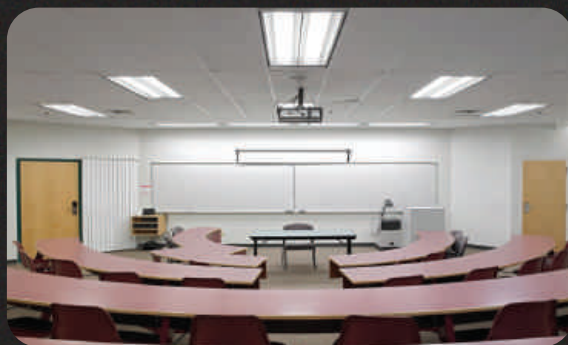
CONCENT



Approved



Hansagreen
LED



RECESSED PANEL LIGHT

- 03 SUPREMO ECO 40W
- 05 SUPREMO ECO 54W
- 07 EXCELLENTO GRANDUER 12W
- 09 EXCELLENTO GRANDUER 18W

RECESSED DOWNLIGHT

- 11 CASTEL 5W
- 13 CASTEL 7W
- 15 CASTEL 15W
- 17 CASTEL 20W
- 19 NIMBUS 5W
- 21 NIMBUS 7W
- 23 NIMBUS 9W
- 25 NIMBUS 12W
- 27 STEFANO 10W
- 29 STEFANO 20W
- 31 CORRILO CB 15W
- 33 CORRILO CB 20W
- 35 CORRILO CB 30W
- 37 LAUREL 6W
- 39 LAUREL 10W
- 41 LAUREL 20W
- 43 LAUREL 30W

The LED Era

- 45 BOX GIMBAL 30W
- 47 BOX GIMBAL 40W

LINEAR RECESSED LIGHT

- 49 CAMEO R 3050 30W

FIXED LUMINAIRES

- 51 LUMIBROOK SLIM EY 40W
- 53 LUMIBROOK SLIM EY 60W
- 55 LUMIBROOK TP 40W
- 57 LUMIBROOK TP 60W

LED HIGH BAY LIGHTS

- 59 CROSSBOW UFO 100W
- 61 CROSSBOW UFO 150W
- 63 CROSSBOW UFO 200W
- 65 CROSSBOW UFO 240W

LED FLOOD LIGHTS

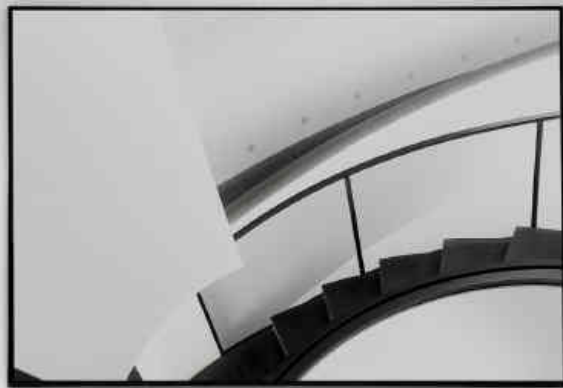
- 67 PACIFIC NIO 50W
- 69 PACIFIC NIO 100W
- 71 PACIFIC NIO 150W
- 73 PACIFIC NIO 200W
- 75 CIVIC E 50W
- 77 CIVIC E 100W
- 79 CIVIC E 150W
- 81 CIVIC E 200W
- 83 CIVIC E 250W



Approved



INTERIOR LIGHTING





RECESSED PANEL LIGHTS

SUPREMO ECO | EXCELLENTO GRANDUER R



SUPREMO ECO

LPL-2X2-40-A

40W



Luminaire Shape

Body color

Aluminium body

IP44 Luminaire

IP20 Control Gear

50,000 Hours Lifetime

Supremo Eco is a slim 2x2 panel Light that can be recessed or suspended in ceiling used widely in indoors, easy to mount and grid mounting. The luminaire offering a small range of power and color temperatures and options like motion detection, timer, sleep and twilight function.

This range of products are popular for a wide range of application such as corridors, Office spaces, Conference rooms, Hospitals and other indoor spaces.

Luminaire Details:

Product Name	: Supremo Eco
Product Type	: LED Recessed Panel
Product code	: LPL-2x2-40-A
Efficiency Classification	: Class B
Luminaire Type	: SMD
Fixture Type	: Fixed Luminaire

Light Source Details:

Light Emission	: Area Emission
Source brand	: Cree
Rated Power	: 40W
CRI	: >80
UGR	: <19
McAdam Binning	: Step 3

Luminaire Housing:

Body	: Aluminium
Diffuser type	: PC Diffuser
Lens	: TIR Lens
Storage Temperature (Ts)	: -30 to 60 C
Ambient Temperature (Ta)	: -20 to 50°C
Humidity	: RH 10-90%

Correlated Color Temperature



3000K	4000K	5000K	6500K

CCT	Rated Lumens
-----	--------------

	3000K	4138lms
	4000K	4197lms
	5000K	4278lms
	6500K	4330lms

5 Years Product Warranty

Made In U.A.E



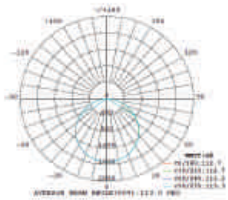
Control Gear Specifications:

Control Gear Brand	: Tridonic
Input Voltage	: 220-240V AC
Input Current	: 0.87A
Frequency	: 50-60Hz
Output Voltage	: 48V DC Max.
Output Current	: 1050 mA
Max. Output power	: 43W
Power Factor	: 0.90
THD	: <15%
Case temperature(Tc)	: 100°C
Ambient Temperature	: -20 to 50°C
Over voltage protection	: Available
Short circuit Protection	: Available
No-Load Protection	: Available
Burst Protection Voltage	: 1KV
Surge Protection Voltage	: 1KV(L to N) & 2KV(L/N to Earth)

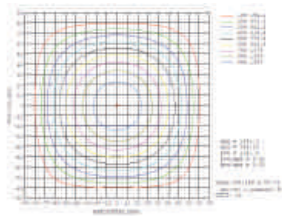
Photometric details:

Photometric Testing provides a comprehensive laboratory service for testing the amount, colour, quality and spatial distribution of light emitted from lamps, LEDs and luminaires. The standard photometric data files in IES (.ies) and EULUMDAT (.ldt) formats per IES LM 79-08 and BS EN 13032

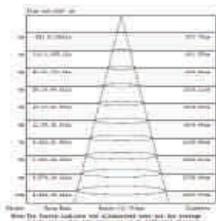
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



Luminous Intensity distribution diagram
Supremo Eco 40W 6500K



Isocandela distribution diagram
Supremo Eco 40W 6500K



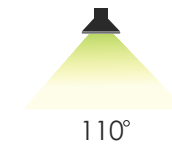
AAI Figure Supremo Eco 40W 6500K

Control Gear Compatibility:

Control Gear is the driving unit of LED. Supremo is compatible with Phase cut dimming, 0-10/1-10V dimming and DALI Dimming control gears.



Optics and Beam Angle:

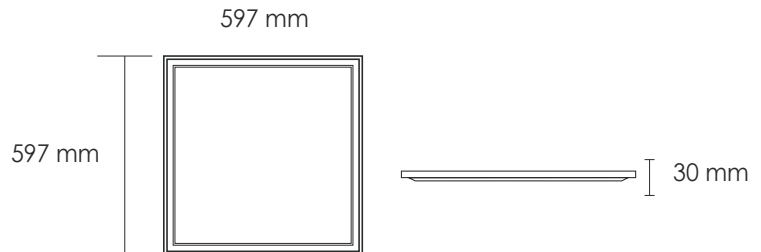


Add-on sensor Compatibility



Supremo is compatible with external add-on motion detection and daylight sensors.

Physical Dimensions:



Ordering Codes for Supremo Eco 40W:

CCT	Code
3000K	629021040521
4000K	629021040541
5000K	629021040561
6500K	629021040581

Length	: 597mm
Width	: 597 mm
Height	: 30 mm



SUPREMO ECO

LPL-2X2-54-D

54W



Luminaire Shape

Body color

Aluminium body

IP44 Luminaire

IP20 Control Gear

50,000 Hours Lifetime

Supremo Eco is a slim 2x2 panel Light that can be recessed or suspended in ceiling used widely in indoors, easy to mount and grid mounting. The luminaire offering a small range of power and color temperatures and options like motion detection, timer, sleep and twilight function.

This range of products are popular for a wide range of application such as corridors, Office spaces, Conference rooms, Hospitals and other indoor spaces.

Luminaire Details:

Product Name	: Supremo Eco
Product Type	: LED Recessed Panel
Product code	: LPL-2x2-54-D
Efficiency Classification	: Class B
Luminaire Type	: SMD
Fixture Type	: Fixed Luminaire

Light Source Details:

Light Emission	: Area Emission
Source brand	: Cree
Rated Power	: 54W
CRI	: >80
UGR	: <19
McAdam Binning	: Step 3

Luminaire Housing:

Body	: Aluminium
Diffuser type	: PC Diffuser
Lens	: TIR Lens
Storage Temperature (Ts)	: -30 to 60 C
Ambient Temperature (Ta)	: -20 to 50°C
Humidity	: RH 10-90%

Correlated Color Temperature



3000K	4000K	5000K	6500K

CCT	Rated Lumens
-----	--------------

	3000K	5526lms
	4000K	5587lms
	5000K	5637lms
	6500K	5696lms

5 Years Product Warranty

Made In U.A.E

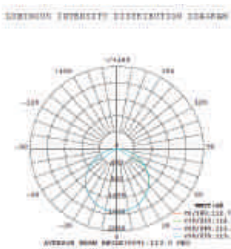


Control Gear Specifications:

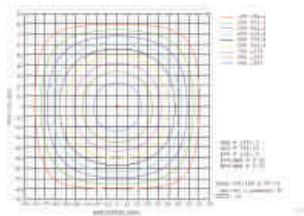
Control Gear Brand	: Tridonic
Input Voltage	: 220-240V AC
Input Current	: 0.90A
Frequency	: 50-60Hz
Output Voltage	: 48V DC Max.
Output Current	: 1200 mA
Max. Output power	: 57W
Power Factor	: 0.90
THD	: <15%
Case temperature(Tc)	: 100°C
Ambient Temperature	: -20 to 50°C
Over voltage protection	: Available
Short circuit Protection	: Available
No-Load Protection	: Available
Burst Protection Voltage	: 1KV
Surge Protection Voltage	: 1KV(L to N) & 2KV(L/N to Earth)

Photometric details:

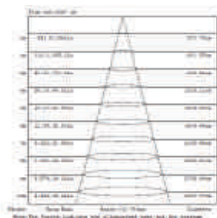
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Luminous Intensity distribution diagram
Supremo Eco 54W 6500K



Isocandela distribution diagram
Supremo Eco 54W 6500K



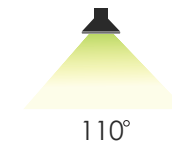
AAI Figure Supremo Eco 54W 6500K

Control Gear Compatibility:

Control Gear is the driving unit of LED. Supremo is compatible with Phase cut dimming, 0-10/1-10V dimming and DALI Dimming control gears.



Optics and Beam Angle:

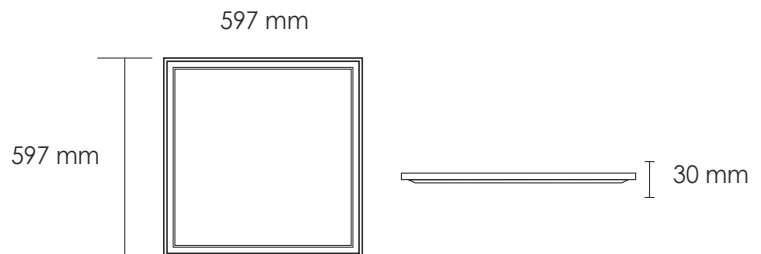


Add-on sensor Compatibility



Supremo is compatible with external add-on motion detection and daylight sensors.

Physical Dimensions:



Ordering Codes for Supremo Eco 54W:

CCT	Code
3000K	629021054521
4000K	629021054541
5000K	629021054561
6500K	629021054581

Length	: 597mm
Width	: 597 mm
Height	: 30 mm



EXCELLENTO GRANDUER-R

SPL-SL-12-RD-A

12W



 Luminaire Shape

 Body color

 Die cast Aluminium body  IP44 Luminaire  IP20 Control Gear  50,000 Hours Lifetime

Granduer is a versatile slim recessed downlight that can be used widely in indoors, easy to mount on the ceiling recess. The luminaire offering a broad range of power,color tempratures and options like motion detection, timer, sleep and twilight function.

This range of products are popular for a wide range of application such as office spaces, lobbies, shops, residential and other indoor spaces.

Luminaire Details:

Product Name : Excellento Granduer R
 Product Type : LED Recessed Luminaire
 Product code : SPL-SL-12-RD-A
 Efficiency Classification : Class B
 Luminaire Type : SMD
 Fixture Type : Fixed Luminaire

Light Source Details:

Light Emission : Area Emission
 Source brand : Osram
 Rated Power : 12W
 CRI : >80
 UGR : <19
 McAdam Binning : Step 3

Luminaire Housing:

Body : Die cast Aluminium
 Reflector type : PMMA LGP panels
 Lens/Diffuser : White Diffusers
 Storage Temperature (Ts) : -30 to 60 C
 Ambient Temperature (Ta) : -20 to 50°C
 Humidity : RH 10-90%

Correlated Color Temperature



 3000K  4000K  5000K  6500K

CCT

Rated Lumens

 3000K	1158lms
 4000K	1164lms
 5000K	1172lms
 6500K	1178lms

5 Years Product Warranty

Made In U.A.E

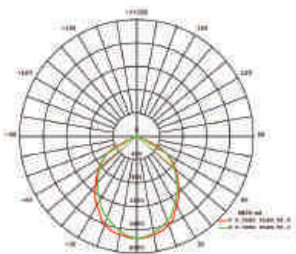


Control Gear Specifications:

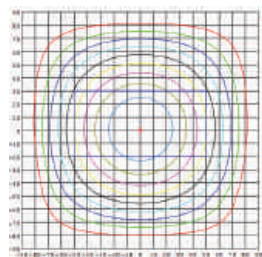
Control Gear Brand	: Tridonic
Input Voltage	: 220-240V AC
Input Current	: 0.66A
Frequency	: 50-60Hz
Output Voltage	: 48V DC Max.
Output Current	: 300 mA
Max. Output power	: 14.4W
Power Factor	: 0.90
THD	: <15%
Case temprature(Tc)	: 100°C
Ambient Temperature	: -20 to 50°C
Over voltage protection	: Available
Short circuit Protection	: Available
No-Load Protection	: Available
Burst Protection Voltage	: 1KV
Surge Protection Voltage	: 1KV(L to N) & 2KV(L/N to Earth)

Photometric details:

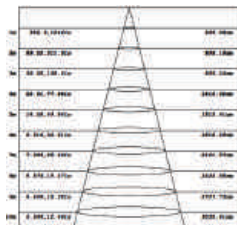
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Luminous Intensity distribution diagram
Granduer 12W 6500K



Isocandela distribution diagram
Granduer 12W 6500K



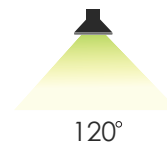
AAI Figure Granduer 12W 6500K

Control Gear Compatibility:

Control Gear is the driving unit of LED. Granduer is compatible with Phase cut dimming, 0-10/1-10V dimming and DALI Dimming control gears.



Optics and Beam Angle:

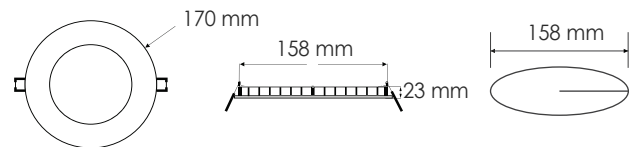


Add-on sensor Compatibility



Granduer is compatible with external add-on motion detection and daylight sensors.

Physical Dimensions:



Ordering Codes for Excellento Granduer R 12W:

CCT	Code
3000K	629012012521
4000K	629012012541
5000K	629012012561
6500K	629012012581

Diameter	: 170 mm
Height	: 23 mm
Cut out	: 158 mm



EXCELLENTO GRANDUER-R

SPL-SL-18-RD-A

18W



 Luminaire Shape

 Body color

 Die cast Aluminium body  IP44 Luminaire  IP20 Control Gear  50,000 Hours Lifetime

Granduer is a versatile slim recessed downlight that can be used widely in indoors, easy to mount on the ceiling recess. The luminaire offering a broad range of power,color tempratures and options like motion detection, timer, sleep and twilight function.

This range of products are popular for a wide range of application such as office spaces, lobbies, shops, residential and other indoor spaces.

Luminaire Details:

Product Name : Excellento Granduer R
 Product Type : LED Recessed Luminaire
 Product code : SPL-SL-18-RD-A
 Efficiency Classification : Class B
 Luminaire Type : SMD
 Fixture Type : Fixed Luminaire

Light Source Details:

Light Emission : Area Emission
 Source brand : Osram
 Rated Power : 18W
 CRI : >80
 UGR : <19
 McAdam Binning : Step 3

Luminaire Housing:





Body : Die cast Aluminium
 Reflector type : PMMA LGP panels
 Lens/Diffuser : White Diffusers
 Storage Temperature (Ts) : -30 to 60 C
 Ambient Temperature (Ta) : -20 to 50°C
 Humidity : RH 10-90%

Correlated Color Temperature



 3000K  4000K  5000K  6500K

CCT Rated Lumens

CCT	Rated Lumens
 3000K	1767lms
 4000K	1787lms
 5000K	1808lms
 6500K	1821lms

5 Years Product Warranty

Made In U.A.E

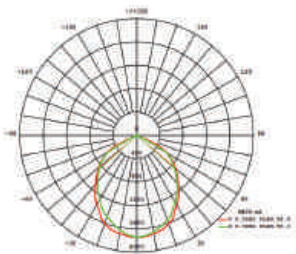


Control Gear Specifications:

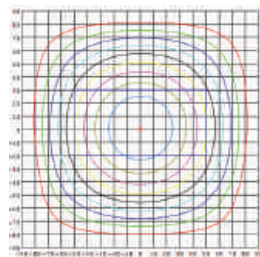
Control Gear Brand	: Tridonic
Input Voltage	: 220-240V AC
Input Current	: 0.66A
Frequency	: 50-60Hz
Output Voltage	: 72V DC Max.
Output Current	: 300 mA
Max. Output power	: 21.6W
Power Factor	: 0.90
THD	: <15%
Case temperature(Tc)	: 100°C
Ambient Temperature	: -20 to 50°C
Over voltage protection	: Available
Short circuit Protection	: Available
No-Load Protection	: Available
Burst Protection Voltage	: 1KV
Surge Protection Voltage	: 1KV(L to N) & 2KV(L/N to Earth)

Photometric details:

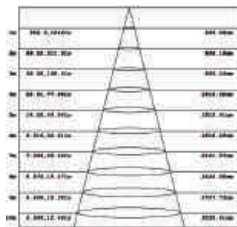
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Luminous Intensity distribution diagram
Granduer 18W 6500K



Isocandela distribution diagram
Granduer 18W 6500K



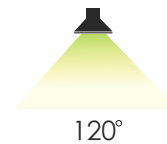
AAI Figure Granduer 18W 6500K

Control Gear Compatibility:

Control Gear is the driving unit of LED. Granduer is compatible with Phase cut dimming, 0-10/1-10V dimming and DALI Dimming control gears.



Optics and Beam Angle:

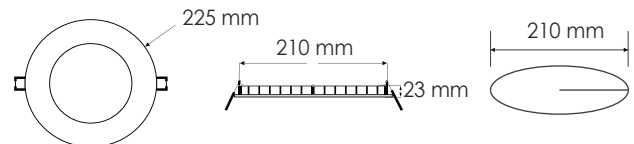


Add-on sensor Compatibility



Granduer is compatible with external add-on motion detection and daylight sensors.

Physical Dimensions:



Ordering Codes for Excellento Granduer R 18W:

CCT	Code
3000K	629012018521
4000K	629012018541
5000K	629012018561
6500K	629012018581

Diameter	: 225 mm
Height	: 23 mm
Cut out	: 210 mm



RECESSED DOWNLIGHTS

CASTEL | NIMBUS | STEFFANO | CORRILO CB | LAUREL | BOX GIMBAL





CASTEL

CTL-DL-05-A

05W



 Luminaire Shape

 Trim color
 Body color

 Die cast Aluminium body  IP44 Luminaire  IP20 Control Gear  50,000 Hours Lifetime

Castel is a decorative Spot recessed downlight that can be used widely in indoors, easy to mount on the ceiling on retaining clips. The luminaire offering a small range of power and color temperatures and options like motion detection, timer, sleep and twilight function.

This range of products are popular for a wide range of application such as corridors, restrooms, lobbies, retail shops and other indoor spaces.

Luminaire Details:

Product Name : Castel
 Product Type : LED Recessed Luminaire
 Product code : CTL-DL-05-A
 Efficiency Classification : Class B
 Luminaire Type : COB
 Fixture Type : Adjustable Luminaire

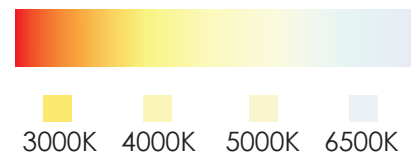
Light Source Details:

Light Emission : Pointed Emission
 Source brand : Cree
 Rated Power : 05W
 CRI : >80
 UGR : <19
 McAdam Binning : Step 3

Luminaire Housing:

Body : Die cast Aluminium
 Reflector type : Aluminium Cone Reflector
 Lens : TIR Lens
 Storage Temperature (Ts) : -30 to 60 C
 Ambient Temperature (Ta) : -20 to 50°C
 Humidity : RH 10-90%

Correlated Color Temperature



CCT	Rated Lumens
3000K	478lms
4000K	485lms
5000K	498lms
6500K	507lms

5 Years Product Warranty

Made In U.A.E

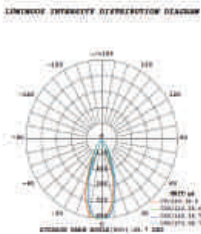


Control Gear Specifications:

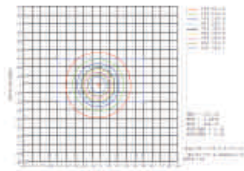
Control Gear Brand	: Tridonic
Input Voltage	: 220-240V AC
Input Current	: 0.66A
Frequency	: 50-60Hz
Output Voltage	: 24V DC Max.
Output Current	: 300 mA
Max. Output power	: 7.2W
Power Factor	: 0.90
THD	: <15%
Case temperature(Tc)	: 100°C
Ambient Temperature	: -20 to 50°C
Over voltage protection	: Available
Short circuit Protection	: Available
No-Load Protection	: Available
Burst Protection Voltage	: 1KV
Surge Protection Voltage	: 1KV(L to N) & 2KV(L/N to Earth)

Photometric details:

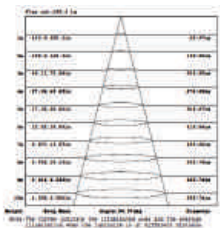
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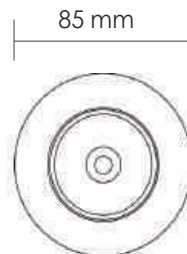
Luminous Intensity distribution diagram
Castel 5W 6500K



Isocandela distribution diagram
Castel 5W 6500K



AAI Figure Castel 5W 6500K



Ordering Codes for Castel 5W:

CCT	Code
3000K	629055005521
4000K	629055005541
5000K	629055005561
6500K	629055005581

Control Gear Compatibility:

Control Gear is the driving unit of LED. Castel is compatible with Phase cut dimming, 0-10/1-10V dimming and DALI Dimming control gears.



Optics and Beam Angle:



20°



38°



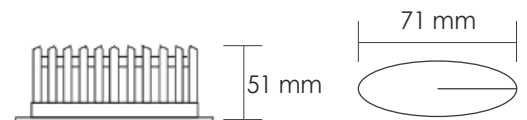
45°

Add-on sensor Compatibility



Castel is compatible with external add-on motion detection and daylight sensors.

Physical Dimensions:



Diameter	: 85 mm
Height	: 51 mm
Cut out	: 71 mm



CASTEL

CTL-DL-07-A

07W



 Luminaire Shape

 Trim color

 Body color

 Die cast Aluminium body  IP44 Luminaire  IP20 Control Gear  50,000 Hours Lifetime

Castel is a decorative Spot recessed downlight that can be used widely in indoors, easy to mount on the ceiling on retaining clips. The luminaire offering a small range of power and color temperatures and options like motion detection, timer, sleep and twilight function.

This range of products are popular for a wide range of application such as corridors, restrooms, lobbies, retail shops and other indoor spaces.

Luminaire Details:

Product Name : Castel
 Product Type : LED Recessed Luminaire
 Product code : CTL-DL-07-A
 Efficiency Classification : Class B
 Luminaire Type : COB
 Fixture Type : Adjustable Luminaire

Light Source Details:

Light Emission : Pointed Emission
 Source brand : Cree
 Rated Power : 07W
 CRI : >80
 UGR : <19
 McAdam Binning : Step 3

Luminaire Housing:

Body : Die cast Aluminium
 Reflector type : Aluminium faceted Reflector
 Lens : TIR Lens
 Storage Temperature (Ts) : -30 to 60 C
 Ambient Temperature (Ta) : -20 to 50°C
 Humidity : RH 10-90%




Correlated Color Temperature



 3000K  4000K  5000K  6500K

CCT

Rated Lumens

 3000K	688lms
 4000K	695lms
 5000K	708lms
 6500K	715lms

5 Years Product Warranty

Made In U.A.E

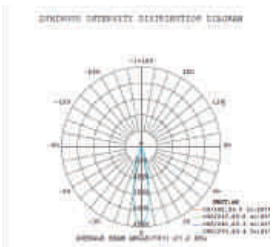


Control Gear Specifications:

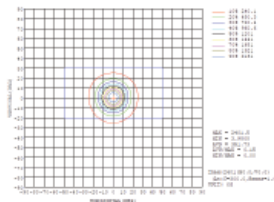
Control Gear Brand	: Tridonic
Input Voltage	: 220-240V AC
Input Current	: 0.66A
Frequency	: 50-60Hz
Output Voltage	: 24V DC Max.
Output Current	: 300 mA
Max. Output power	: 7.2W
Power Factor	: 0.90
THD	: <15%
Case temperature(Tc)	: 100°C
Ambient Temperature	: -20 to 50°C
Over voltage protection	: Available
Short circuit Protection	: Available
No-Load Protection	: Available
Burst Protection Voltage	: 1KV
Surge Protection Voltage	: 1KV(L to N) & 2KV(L/N to Earth)

Photometric details:

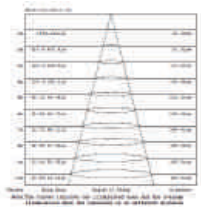
Photometric Testing provides a comprehensive laboratory service for testing the amount, colour, quality and spatial distribution of light emitted from lamps, LEDs and luminaires. The standard photometric data files in IES (.ies) and EULUMDAT (.ldt) formats per IES LM 79-08 and BS EN 13032



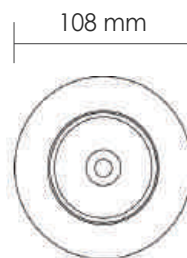
Luminous Intensity distribution diagram
Castel 7W 6500K



Isocandela distribution diagram
Castel 7W 6500K



AAI Figure Castel 7W 6500K



Ordering Codes for Castel 7W:

CCT	Code
3000K	629055007521
4000K	629055007541
5000K	629055007561
6500K	629055007581

Control Gear Compatibility:

Control Gear is the driving unit of LED. Castel is compatible with Phase cut dimming, 0-10/1-10V dimming and DALI Dimming control gears.



Optics and Beam Angle:



20°



38°



45°

Add-on sensor Compatibility



Castel is compatible with external add-on motion detection and daylight sensors.

Physical Dimensions:

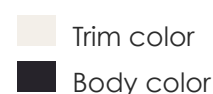
Diameter	: 108 mm
Height	: 65 mm
Cut out	: 90 mm



CASTEL

CTL-DL-15-A

15W



Castel is a decorative Spot recessed downlight that can be used widely in indoors, easy to mount on the ceiling on retaining clips. The luminaire offering a small range of power and color temperatures and options like motion detection, timer, sleep and twilight function.

This range of products are popular for a wide range of application such as corridors, restrooms, lobbies, retail shops and other indoor spaces.

Luminaire Details:

Product Name	: Castel
Product Type	: LED Recessed Luminaire
Product code	: CTL-DL-15-A
Efficiency Classification	: Class B
Luminaire Type	: COB
Fixture Type	: Adjustable Luminaire

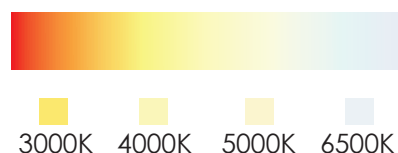
Light Source Details:

Light Emission	: Pointed Emission
Source brand	: Cree
Rated Power	: 15W
CRI	: >80
UGR	: <19
McAdam Binning	: Step 3

Luminaire Housing:

Body	: Die cast Aluminium
Reflector type	: Aluminium faceted Reflector
Lens	: TIR Lens
Storage Temperature (Ts)	: -30 to 60 C
Ambient Temperature (Ta)	: -20 to 50°C
Humidity	: RH 10-90%

Correlated Color Temperature



CCT	Rated Lumens
3000K	1478lms
4000K	1489lms
5000K	1498lms
6500K	1512lms

5 Years Product Warranty

Made In U.A.E



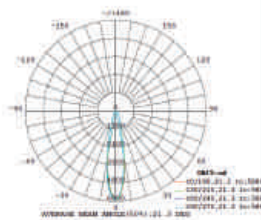
Control Gear Specifications:

Control Gear Brand	: Tridonic
Input Voltage	: 220-240V AC
Input Current	: 0.66A
Frequency	: 50-60Hz
Output Voltage	: 72V DC Max.
Output Current	: 300 mA
Max. Output power	: 18W
Power Factor	: 0.90
THD	: <15%
Case temperature(Tc)	: 100°C
Ambient Temperature	: -20 to 50°C
Over voltage protection	: Available
Short circuit Protection	: Available
No-Load Protection	: Available
Burst Protection Voltage	: 1KV
Surge Protection Voltage	: 1KV(L to N) & 2KV(L/N to Earth)

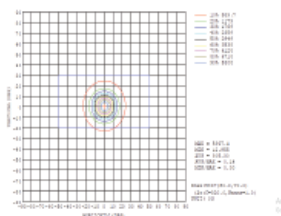
Photometric details:

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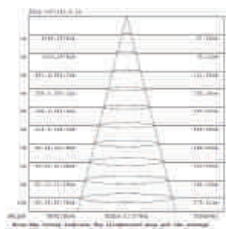
IES EULUMDAT



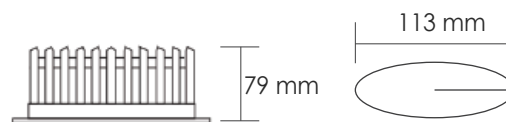
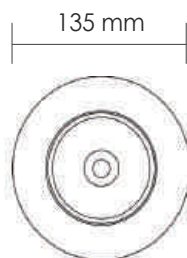
Luminous Intensity distribution diagram
Castel 15W 6500K



Isocandela distribution diagram
Castel 15W 6500K



AAI Figure Castel 15W 6500K



Ordering Codes for Castel 15W:

CCT	Code
3000K	629055015521
4000K	629055015541
5000K	629055015561
6500K	629055015581

Control Gear Compatibility:

Control Gear is the driving unit of LED. Castel is compatible with Phase cut dimming, 0-10/1-10V dimming and DALI Dimming control gears.



Optics and Beam Angle:



Add-on sensor Compatibility



Castel is compatible with external add-on motion detection and daylight sensors.

Physical Dimensions:

Diameter	: 135 mm
Height	: 79 mm
Cut out	: 113 mm





CASTEL

CTL-DL-20-A

20W



 Luminaire Shape

 Trim color
 Body color

 Die cast Aluminium body  IP44 Luminaire  IP20 Control Gear  50,000 Hours Lifetime

Castel is a decorative Spot recessed downlight that can be used widely in indoors, easy to mount on the ceiling on retaining clips. The luminaire offering a small range of power and color temperatures and options like motion detection, timer, sleep and twilight function.

This range of products are popular for a wide range of application such as corridors, restrooms, lobbies, retail shops and other indoor spaces.

Luminaire Details:

Product Name : Castel
 Product Type : LED Recessed Luminaire
 Product code : CTL-DL-20-A
 Efficiency Classification : Class B
 Luminaire Type : COB
 Fixture Type : Adjustable Luminaire

Light Source Details:

Light Emission : Pointed Emission
 Source brand : Cree
 Rated Power : 20W
 CRI : >80
 UGR : <19
 McAdam Binning : Step 3





Luminaire Housing:

Body : Die cast Aluminium
 Reflector type : Aluminium faceted Reflector
 Lens : TIR Lens
 Storage Temperature (Ts) : -30 to 60 C
 Ambient Temperature (Ta) : -20 to 50°C
 Humidity : RH 10-90%

Correlated Color Temperature



 3000K  4000K  5000K  6500K

CCT	Rated Lumens
 3000K	688lms
 4000K	695lms
 5000K	708lms
 6500K	715lms

5 Years Product Warranty

Made In U.A.E



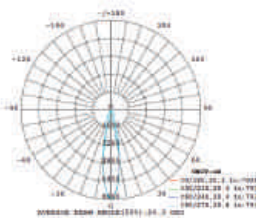
Control Gear Specifications:

Control Gear Brand	: Tridonic
Input Voltage	: 220-240V AC
Input Current	: 0.66A
Frequency	: 50-60Hz
Output Voltage	: 72V DC Max.
Output Current	: 300 mA
Max. Output power	: 18W
Power Factor	: 0.90
THD	: <15%
Case temprature(Tc)	: 100°C
Ambient Temprature	: -20 to 50°C
Over voltage protection	: Available
Short circuit Protection	: Available
No-Load Protection	: Available
Burst Protection Voltage	: 1KV
Surge Protection Voltage	: 1KV(L to N) & 2KV(L/N to Earth)

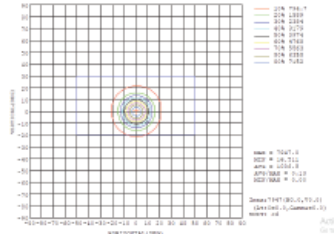
Photometric details:

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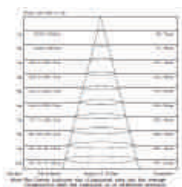
Photometric Data File



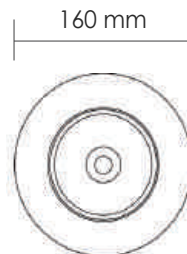
Luminous Intensity distribution diagram
Castel 20W 6500K



Isocandela distribution diagram
Castel 20W 6500K



AAI Figure Castel 20W 6500K



Ordering Codes for Castel 20W:

CCT	Code
3000K	629055020521
4000K	629055020541
5000K	629055020561
6500K	629055020581

Control Gear Compatibility:

Control Gear is the driving unit of LED. Castel is compatible with Phase cut dimming, 0-10/1-10V dimming and DALI Dimming control gears.



Optics and Beam Angle:



20°



38°



45°

Add-on sensor Compatibility



Castel is compatible with external add-on motion detection and daylight sensors.

Physical Dimensions:



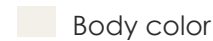
Diameter	: 160 mm
Height	: 82 mm
Cut out	: 143 mm



NIMBUS

NBS-05-A

05W



 Polycarbonate body
  IP44 Luminaire
  IP20 Control Gear
  50,000 Hours Lifetime

Nimbus is a decorative Spot recessed downlight that can be used widely in indoors, easy to mount on the ceiling on retaining clips. The luminaire offering a small range of power and color temperatures and options like motion detection, timer, sleep and twilight function.

This range of products are popular for a wide range of application such as corridors, restrooms, lobbies, retail shops and other indoor spaces.

Luminaire Details:

Product Name : Nimbus
 Product Type : LED Recessed Luminaire
 Product code : NBS-05-A
 Efficiency Classification : Class B
 Luminaire Type : SMD
 Fixture Type : Adjustable Luminaire

Light Source Details:

Light Emission : Pointed Emission
 Source brand : Cree
 Rated Power : 5W
 CRI : >80
 UGR : <19
 McAdam Binning : Step 3

Luminaire Housing:

Body : Polycarbonate Body
 Reflector type : Nil
 Lens : Polycarbonate Lens
 Storage Temperature (Ts) : -30 to 60 C
 Ambient Temperature (Ta) : -20 to 50°C
 Humidity : RH 10-90%



Correlated Color Temperature



 3000K
  4000K
  5000K
  6500K

CCT

Rated Lumens

 3000K	478lms
 4000K	485lms
 5000K	498lms
 6500K	503lms

5 Years Product Warranty

Made In U.A.E

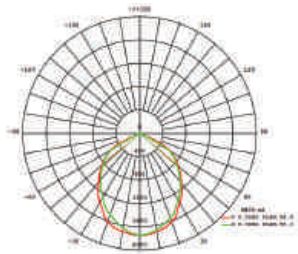


Control Gear Specifications:

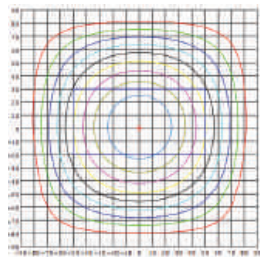
Control Gear Brand	: Tridonic
Input Voltage	: 220-240V AC
Input Current	: 0.66A
Frequency	: 50-60Hz
Output Voltage	: 42V DC Max.
Output Current	: 250 mA
Max. Output power	: 10.5W
Power Factor	: 0.90
THD	: <15%
Case temperature(Tc)	: 100°C
Ambient Temperature	: -20 to 50°C
Over voltage protection	: Available
Short circuit Protection	: Available
No-Load Protection	: Available
Burst Protection Voltage	: 1KV
Surge Protection Voltage	: 1KV(L to N) & 2KV(L/N to Earth)

Photometric details:

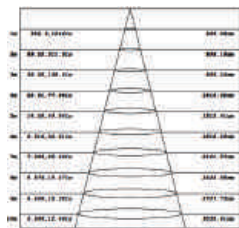
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Luminous Intensity distribution diagram
Nimbus 5W 6500K



Isocandela distribution diagram
Nimbus 5W 6500K



AAI Figure Nimbus 5W 6500K

Control Gear Compatibility:

Control Gear is the driving unit of LED. Nimbus is compatible with Phase cut dimming, 0-10/1-10V dimming and DALI Dimming control gears.



Optics and Beam Angle:

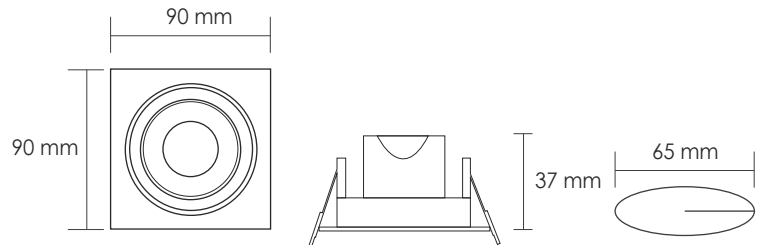


Add-on sensor Compatibility



Nimbus is compatible with external add-on motion detection and daylight sensors.

Physical Dimensions:



Ordering Codes for Nimbus 5W:

CCT	Code
3000K	
4000K	
5000K	
6500K	

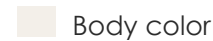
Length	: 90x90 mm
Height	: 37 mm
Cut out	: 65 mm



NIMBUS

NBS-07-A

07W



 Polycarbonate body
  IP44 Luminaire
  IP20 Control Gear
  50,000 Hours Lifetime

Nimbus is a decorative Spot recessed downlight that can be used widely in indoors, easy to mount on the ceiling on retaining clips. The luminaire offering a small range of power and color temperatures and options like motion detection, timer, sleep and twilight function.

This range of products are popular for a wide range of application such as corridors, restrooms, lobbies, retail shops and other indoor spaces.

Luminaire Details:

Product Name : Nimbus
 Product Type : LED Recessed Luminaire
 Product code : NBS-07-A
 Efficiency Classification : Class B
 Luminaire Type : SMD
 Fixture Type : Adjustable Luminaire

Light Source Details:

Light Emission : Pointed Emission
 Source brand : Cree
 Rated Power : 7W
 CRI : >80
 UGR : <19
 McAdam Binning : Step 3

Luminaire Housing:

Body : Polycarbonate Body
 Reflector type : Nil
 Lens : Polycarbonate Lens
 Storage Temperature (Ts) : -30 to 60 C
 Ambient Temperature (Ta) : -20 to 50°C
 Humidity : RH 10-90%





Correlated Color Temperature



 3000K
  4000K
  5000K
  6500K

CCT

Rated Lumens

 3000K	688lms
 4000K	692lms
 5000K	698lms
 6500K	706lms

5 Years Product Warranty

Made In U.A.E

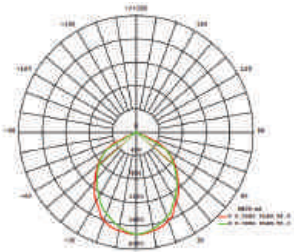


Control Gear Specifications:

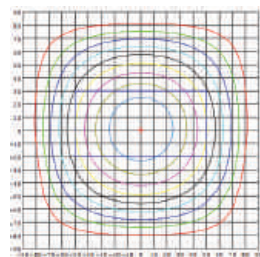
Control Gear Brand	: Tridonic
Input Voltage	: 220-240V AC
Input Current	: 0.66A
Frequency	: 50-60Hz
Output Voltage	: 42V DC Max.
Output Current	: 250 mA
Max. Output power	: 10.5W
Power Factor	: 0.90
THD	: <15%
Case temperature(Tc)	: 100°C
Ambient Temperature	: -20 to 50°C
Over voltage protection	: Available
Short circuit Protection	: Available
No-Load Protection	: Available
Burst Protection Voltage	: 1KV
Surge Protection Voltage	: 1KV(L to N) & 2KV(L/N to Earth)

Photometric details:

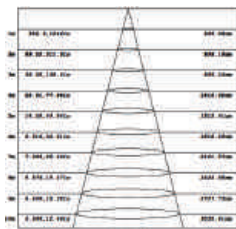
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Luminous Intensity distribution diagram
Nimbus 7W 6500K



Isocandela distribution diagram
Nimbus 7W 6500K



AAI Figure Nimbus 7W 6500K

Control Gear Compatibility:

Control Gear is the driving unit of LED. Nimbus is compatible with Phase cut dimming, 0-10/1-10V dimming and DALI Dimming control gears.



Optics and Beam Angle:

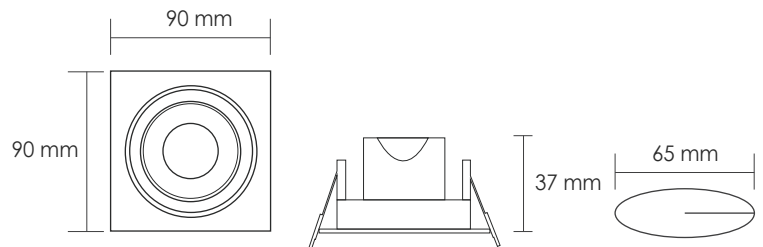


Add-on sensor Compatibility



Nimbus is compatible with external add-on motion detection and daylight sensors.

Physical Dimensions:



Ordering Codes for Nimbus 7W:

CCT	Code
3000K	
4000K	
5000K	
6500K	

Length	: 90x90 mm
Height	: 37 mm
Cut out	: 65 mm



NIMBUS

NBS-09-A

09W



Nimbus is a decorative Spot recessed downlight that can be used widely in indoors, easy to mount on the ceiling on retaining clips. The luminaire offering a small range of power and color temperatures and options like motion detection, timer, sleep and twilight function.

This range of products are popular for a wide range of application such as corridors, restrooms, lobbies, retail shops and other indoor spaces.

Luminaire Details:

Product Name	: Nimbus
Product Type	: LED Recessed Luminaire
Product code	: NBS-09-A
Efficiency Classification	: Class B
Luminaire Type	: SMD
Fixture Type	: Adjustable Luminaire

Light Source Details:

Light Emission	: Pointed Emission
Source brand	: Cree
Rated Power	: 7W
CRI	: >80
UGR	: <19
McAdam Binning	: Step 3





Luminaire Housing:

Body	: Polycarbonate Body
Reflector type	: Nil
Lens	: Polycarbonate Lens
Storage Temperature (Ts)	: -30 to 60 C
Ambient Temperature (Ta)	: -20 to 50°C
Humidity	: RH 10-90%

Correlated Color Temperature



			
3000K	4000K	5000K	6500K

CCT	Rated Lumens
 3000K	688lms
 4000K	692lms
 5000K	698lms
 6500K	706lms

5 Years Product Warranty

Made In U.A.E

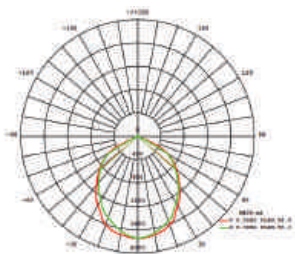


Control Gear Specifications:

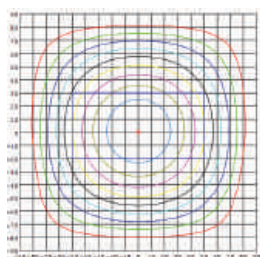
Control Gear Brand	: Tridonic
Input Voltage	: 220-240V AC
Input Current	: 0.66A
Frequency	: 50-60Hz
Output Voltage	: 42V DC Max.
Output Current	: 250 mA
Max. Output power	: 10.5W
Power Factor	: 0.90
THD	: <15%
Case temperature(Tc)	: 100°C
Ambient Temperature	: -20 to 50°C
Over voltage protection	: Available
Short circuit Protection	: Available
No-Load Protection	: Available
Burst Protection Voltage	: 1KV
Surge Protection Voltage	: 1KV(L to N) & 2KV(L/N to Earth)

Photometric details:

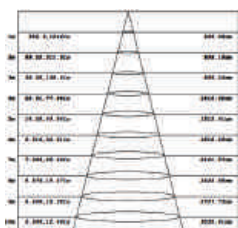
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Luminous Intensity distribution diagram
Nimbus 9W 6500K



Isocandela distribution diagram
Nimbus 9W 6500K



AAI Figure Nimbus 9W 6500K

Control Gear Compatibility:

Control Gear is the driving unit of LED. Nimbus is compatible with Phase cut dimming, 0-10/1-10V dimming and DALI Dimming control gears.



Optics and Beam Angle:

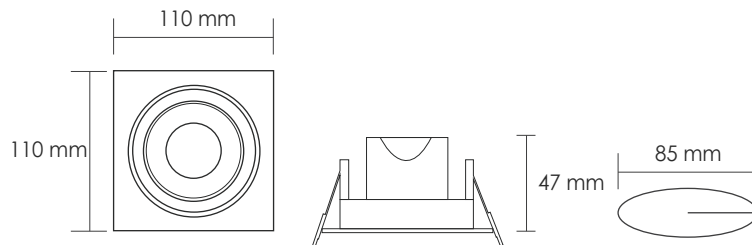


Add-on sensor Compatibility



Nimbus is compatible with external add-on motion detection and daylight sensors.

Physical Dimensions:



Ordering Codes for Nimbus 9W:

CCT	Code
3000K	
4000K	
5000K	
6500K	

Length	: 110x110 mm
Height	: 47 mm
Cut out	: 85 mm



NIMBUS

NBS-12-A

12W



Nimbus is a decorative Spot recessed downlight that can be used widely in indoors, easy to mount on the ceiling on retaining clips. The luminaire offering a small range of power and color temperatures and options like motion detection, timer, sleep and twilight function.

This range of products are popular for a wide range of application such as corridors, restrooms, lobbies, retail shops and other indoor spaces.

Luminaire Details:

Product Name	: Nimbus
Product Type	: LED Recessed Luminaire
Product code	: NBS-12-A
Efficiency Classification	: Class B
Luminaire Type	: SMD
Fixture Type	: Adjustable Luminaire

Light Source Details:

Light Emission	: Pointed Emission
Source brand	: Osram
Rated Power	: 12W
CRI	: >80
UGR	: <19
McAdam Binning	: Step 3

Luminaire Housing:

Body	: Polycarbonate Body
Reflector type	: Nil
Lens	: Polycarbonate Lens
Storage Temperature (Ts)	: -30 to 60 C
Ambient Temperature (Ta)	: -20 to 50°C
Humidity	: RH 10-90%

Correlated Color Temperature



3000K	4000K	5000K	6500K
-------	-------	-------	-------

CCT Rated Lumens

3000K	1189lm
4000K	1197lm
5000K	1208lm
6500K	1211lm

5 Years Product Warranty

Made In U.A.E

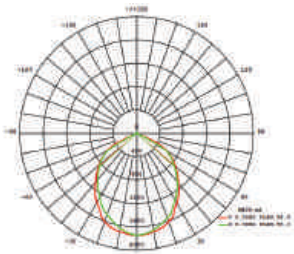


Control Gear Specifications:

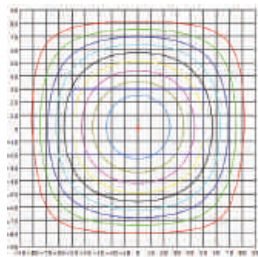
Control Gear Brand	: Tridonic
Input Voltage	: 220-240V AC
Input Current	: 0.66A
Frequency	: 50-60Hz
Output Voltage	: 50V DC Max.
Output Current	: 300 mA
Max. Output power	: 15W
Power Factor	: 0.90
THD	: <15%
Case temperature(Tc)	: 100°C
Ambient Temperature	: -20 to 50°C
Over voltage protection	: Available
Short circuit Protection	: Available
No-Load Protection	: Available
Burst Protection Voltage	: 1KV
Surge Protection Voltage	: 1KV(L to N) & 2KV(L/N to Earth)

Photometric details:

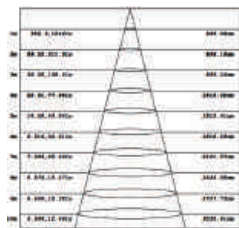
Photometric Testing provides a comprehensive laboratory service for testing the amount, colour, quality and spatial distribution of light emitted from lamps, LEDs and luminaires. The standard photometric data files in IES (.ies) and EULUMDAT (.ldt) formats per IES LM 79-08 and BS EN 13032



Luminous Intensity distribution diagram
Nimbus 12W 6500K



Isocandela distribution diagram
Nimbus 12W 6500K



AAI Figure Nimbus 12W 6500K

Control Gear Compatibility:

Control Gear is the driving unit of LED. Nimbus is compatible with Phase cut dimming, 0-10/1-10V dimming and DALI Dimming control gears.



Optics and Beam Angle:

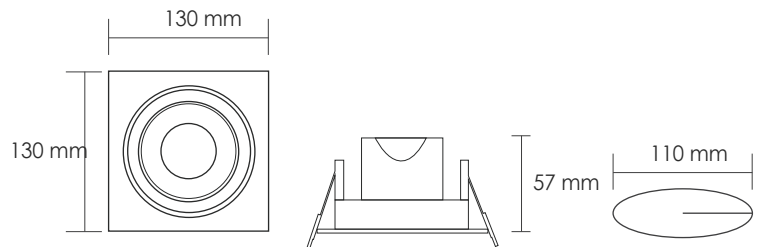


Add-on sensor Compatibility



Nimbus is compatible with external add-on motion detection and daylight sensors.

Physical Dimensions:



Ordering Codes for Nimbus 12W:

CCT	Code
3000K	
4000K	
5000K	
6500K	

Length	: 130x130 mm
Height	: 57 mm
Cut out	: 110 mm





STEFFANO

SDL-CB-10-A

10W



 Luminaire Shape

 Trim color
 Body color

 Die cast Aluminium body  IP44 Luminaire  IP20 Control Gear  50,000 Hours Lifetime

Stefano is a versatile decorative recessed downlight that can be used widely in indoors, easy to mount on the ceiling. The luminaire offering a wide range of power and color temperatures and options like motion detection, timer, sleep and twilight function.

This range of products are popular for a wide range of application such as corridors, restrooms, lobbies and other indoor spaces.

Luminaire Details:

Product Name : Stefano
 Product Type : LED Recessed Luminaire
 Product code : SDL-CB-10-A
 Efficiency Classification : Class B
 Luminaire Type : COB
 Fixture Type : Fixed Luminaire

Light Source Details:

Light Emission : Pointed Emission
 Source brand : Cree
 Rated Power : 10W
 CRI : >80
 UGR : <19
 McAdam Binning : Step 3





Luminaire Housing:

Body : Die cast Aluminium
 Reflector type : Aluminium Cone Reflector
 Lens : TIR Lens
 Storage Temperature (Ts) : -30 to 60 C
 Ambient Temperature (Ta) : -20 to 50°C
 Humidity : RH 10-90%

Correlated Color Temperature



 3000K  4000K  5000K  6500K

CCT	Rated Lumens
 3000K	988lms
 4000K	994lms
 5000K	1018lms
 6500K	1026lms

5 Years Product Warranty

Made In U.A.E

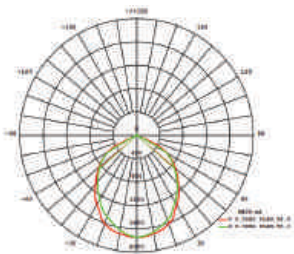


Control Gear Specifications:

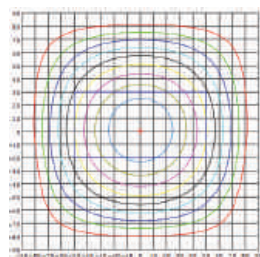
Control Gear Brand	: Tridonic
Input Voltage	: 220-240V AC
Input Current	: 0.66A
Frequency	: 50-60Hz
Output Voltage	: 48V DC Max.
Output Current	: 300 mA
Max. Output power	: 14.4W
Power Factor	: 0.90
THD	: <15%
Case temperature(Tc)	: 100°C
Ambient Temperature	: -20 to 50°C
Over voltage protection	: Available
Short circuit Protection	: Available
No-Load Protection	: Available
Burst Protection Voltage	: 1KV
Surge Protection Voltage	: 1KV(L to N) & 2KV(L/N to Earth)

Photometric details:

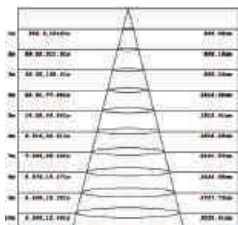
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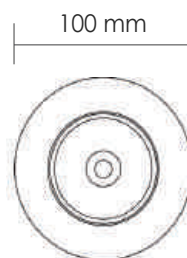
Luminous Intensity distribution diagram
Stefano 10W 6500K



Isocandela distribution diagram
Stefano 10W 6500K



AAI Figure Stefano 10W 6500K

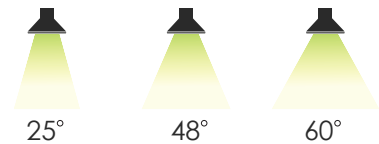


Control Gear Compatibility:

Control Gear is the driving unit of LED. Stefano is compatible with Phase cut dimming, 0-10/1-10V dimming and DALI Dimming control gears.



Optics and Beam Angle:



Add-on sensor Compatibility



Stefano is compatible with external add-on motion detection and daylight sensors.

Physical Dimensions:

Diameter	: 100 mm
Height	: 61 mm
Cut out	: 90 mm

Ordering Codes:

CCT	Code
3000K	629053010521
4000K	629053010541
5000K	629053010561
6500K	629053010581



STEFFANO

SDL-CB-20-A

20W



 Luminaire Shape

 Trim color

 Body color

 Die cast Aluminium body  IP44 Luminaire  IP20 Control Gear  50,000 Hours Lifetime

Stefano is a versatile decorative recessed downlight that can be used widely in indoors, easy to mount on the ceiling. The luminaire offering a wide range of power and color temperatures and options like motion detection, timer, sleep and twilight function.

This range of products are popular for a wide range of application such as corridors, restrooms, lobbies and other indoor spaces.

Luminaire Details:

Product Name : Stefano
 Product Type : LED Recessed Luminaire
 Product code : SDL-CB-20-A
 Efficiency Classification : Class B
 Luminaire Type : COB
 Fixture Type : Fixed Luminaire

Light Source Details:

Light Emission : Pointed Emission
 Source brand : Cree
 Rated Power : 20W
 CRI : >80
 UGR : <19
 McAdam Binning : Step 3

Luminaire Housing:

Body : Die cast Aluminium
 Reflector type : Aluminium Cone Reflector
 Lens : TIR Lens
 Storage Temperature (Ts) : -30 to 60 C
 Ambient Temperature (Ta) : -20 to 50°C
 Humidity : RH 10-90%



Correlated Color Temperature



 3000K  4000K  5000K  6500K

CCT

Rated Lumens

 3000K	1990lms
 4000K	1998lms
 5000K	2006lms
 6500K	2015lms

5 Years Product Warranty

Made In U.A.E

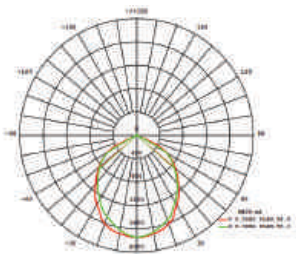


Control Gear Specifications:

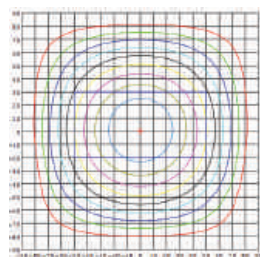
Control Gear Brand	: Tridonic
Input Voltage	: 220-240V AC
Input Current	: 0.66A
Frequency	: 50-60Hz
Output Voltage	: 72V DC Max.
Output Current	: 300 mA
Max. Output power	: 21.6W
Power Factor	: 0.90
THD	: <15%
Case temperature(Tc)	: 100°C
Ambient Temperature	: -20 to 50°C
Over voltage protection	: Available
Short circuit Protection	: Available
No-Load Protection	: Available
Burst Protection Voltage	: 1KV
Surge Protection Voltage	: 1KV(L to N) & 2KV(L/N to Earth)

Photometric details:

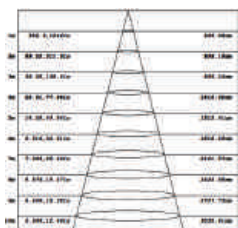
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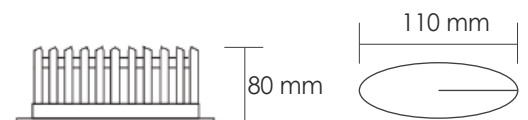
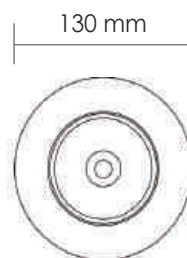
Luminous Intensity distribution diagram
Stefano 20W 6500K



Isocandela distribution diagram
Stefano 20W 6500K



AAI Figure Stefano 20W 6500K



Ordering Codes:

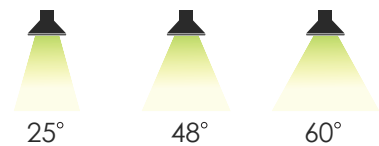
CCT	Code
3000K	629053020521
4000K	629053020541
5000K	629053020561
6500K	629053020581

Control Gear Compatibility:

Control Gear is the driving unit of LED. Stefano is compatible with Phase cut dimming, 0-10/1-10V dimming and DALI Dimming control gears.



Optics and Beam Angle:



Add-on sensor Compatibility



Stefano is compatible with external add-on motion detection and daylight sensors.

Physical Dimensions:

Diameter	: 130 mm
Height	: 80 mm
Cut out	: 110 mm





CORRILO-CB

CDL-CB-15-A

15W



 Luminaire Shape

 Trim color
 Body color

 Die cast Aluminium body  IP44 Luminaire  IP20 Control Gear  50,000 Hours Lifetime

Corriilo CB is a versatile decorative recessed downlight that can be used widely in indoors, easy to mount on the ceiling. The luminaire offering a wide range of power and color temperatures and options like motion detection, timer, sleep and twilight function.

This range of products are popular for a wide range of application such as corridors, restrooms, lobbies and other indoor spaces.

Luminaire Details:

Product Name : Corriilo CB
 Product Type : LED Recessed Luminaire
 Product code : CDL-CB-15-A
 Efficiency Classification : Class B
 Luminaire Type : SMD
 Fixture Type : Fixed Luminaire

Light Source Details:

Light Emission : Area Emission
 Source brand : Cree
 Rated Power : 15W
 CRI : >80
 UGR : <19
 McAdam Binning : Step 3





Luminaire Housing:

Body : Die cast Aluminium
 Reflector type : Aluminium Reflector
 Lens/Glass : Centre frosted glass
 Storage Temperature (Ts) : -30 to 60 C
 Ambient Temperature (Ta) : -20 to 50°C
 Humidity : RH 10-90%

Correlated Color Temperature



 3000K  4000K  5000K  6500K

CCT	Rated Lumens
 3000K	1478lms
 4000K	1494lms
 5000K	1510lms
 6500K	1518lms

5 Years Product Warranty

Made In U.A.E

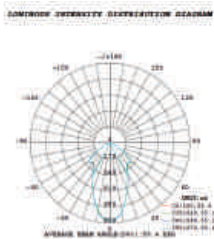


Control Gear Specifications:

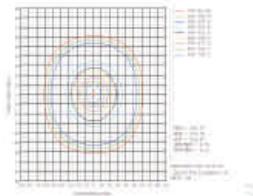
Control Gear Brand	: Tridonic
Input Voltage	: 220-240V AC
Input Current	: 0.66A
Frequency	: 50-60Hz
Output Voltage	: 72V DC Max.
Output Current	: 300 mA
Max. Output power	: 21.4W
Power Factor	: 0.90
THD	: <15%
Case temperature(Tc)	: 100°C
Ambient Temperature	: -20 to 50°C
Over voltage protection	: Available
Short circuit Protection	: Available
No-Load Protection	: Available
Burst Protection Voltage	: 1KV
Surge Protection Voltage	: 1KV(L to N) & 2KV(L/N to Earth)

Photometric details:

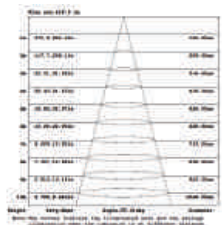
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Luminous Intensity distribution diagram
Corrilo CB 15W 6500K



Isocandela distribution diagram
Corrilo CB 15W 6500K



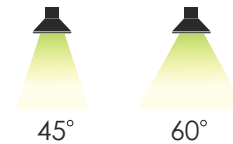
AAI Figure Corrilo CB 15W 6500K

Control Gear Compatibility:

Control Gear is the driving unit of LED. Corrilo is compatible with Phase cut dimming, 0-10/1-10V dimming and DALI Dimming control gears.



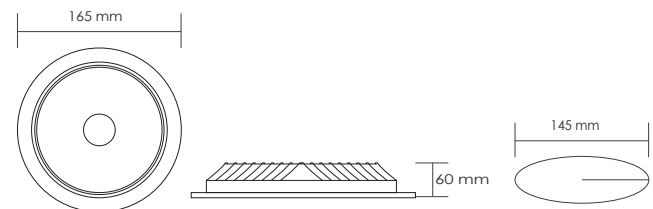
Optics and Beam Angle:



Add-on sensor Compatibility

Corrilo is compatible with external add-on motion detection and daylight sensors.

Physical Dimensions:



Ordering Codes Corrilo CB 15W:

CCT	Code
3000K	629050015521
4000K	629050015541
5000K	629050015561
6500K	629050015581

Diameter	: 165 mm
Height	: 60 mm
Cut out	: 145 mm





CORRILO-CB

CDL-CB-20-A

20W



 Luminaire Shape

 Trim color
 Body color

 Die cast Aluminium body  IP44 Luminaire  IP20 Control Gear  50,000 Hours Lifetime

CorriLO CB is a versatile decorative recessed downlight that can be used widely in indoors, easy to mount on the ceiling. The luminaire offering a wide range of power and color temperatures and options like motion detection, timer, sleep and twilight function.

This range of products are popular for a wide range of application such as corridors, restrooms, lobbies and other indoor spaces.

Luminaire Details:

Product Name : CorriLO CB
 Product Type : LED Recessed Luminaire
 Product code : CDL-CB-20-A
 Efficiency Classification : Class B
 Luminaire Type : SMD
 Fixture Type : Fixed Luminaire

Light Source Details:

Light Emission : Area Emission
 Source brand : Cree
 Rated Power : 20W
 CRI : >80
 UGR : <19
 McAdam Binning : Step 3





Luminaire Housing:

Body : Die cast Aluminium
 Reflector type : Aluminium Reflector
 Lens/Glass : Centre frosted glass
 Storage Temperature (Ts) : -30 to 60 C
 Ambient Temperature (Ta) : -20 to 50°C
 Humidity : RH 10-90%

Correlated Color Temperature



 3000K  4000K  5000K  6500K

CCT	Rated Lumens
 3000K	1987lms
 4000K	1994lms
 5000K	2008lms
 6500K	2018lms

5 Years Product Warranty

Made In U.A.E



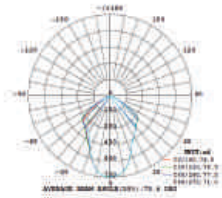
Control Gear Specifications:

Control Gear Brand	: Tridonic
Input Voltage	: 220-240V AC
Input Current	: 0.66A
Frequency	: 50-60Hz
Output Voltage	: 72V DC Max.
Output Current	: 300 mA
Max. Output power	: 21.6W
Power Factor	: 0.90
THD	: <15%
Case temperature(Tc)	: 100°C
Ambient Temperature	: -20 to 50°C
Over voltage protection	: Available
Short circuit Protection	: Available
No-Load Protection	: Available
Burst Protection Voltage	: 1KV
Surge Protection Voltage	: 1KV(L to N) & 2KV(L/N to Earth)

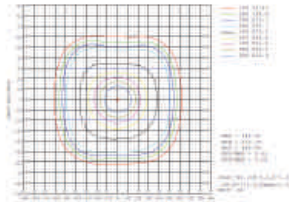
Photometric details:

Photometric Testing provides a comprehensive laboratory service for testing the amount, colour, quality and spatial distribution of light emitted from lamps, LEDs and luminaires. The standard photometric data files in IES (.ies) and EULUMDAT (.ldt) formats per IES LM 79-08 and BS EN 13032

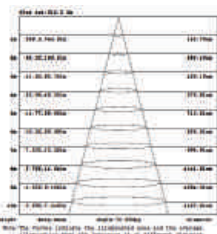
ALLWISSE VERWERKT BEWERTINGSSYSTEEM



Luminous Intensity distribution diagram
Corriilo CB 20W 6500K



Isocandela distribution diagram
Corriilo CB 20W 6500K



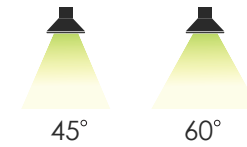
AAI Figure Corriilo CB 20W 6500K

Control Gear Compatibility:

Control Gear is the driving unit of LED. Corriilo is compatible with Phase cut dimming, 0-10/1-10V dimming and DALI Dimming control gears.



Optics and Beam Angle:

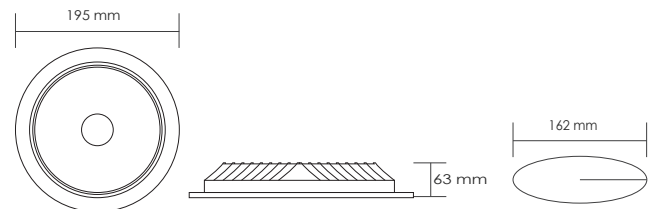


Add-on sensor Compatibility



Corriilo is compatible with external add-on motion detection and daylight sensors.

Physical Dimensions:



Ordering Codes for Corriilo CB 20W:

CCT	Code
3000K	629050020521
4000K	629050020541
5000K	629050020561
6500K	629050020581

Diameter	: 195 mm
Height	: 63 mm
Cut out	: 162 mm





CORRILO-CB

CDL-CB-30-A

30W



 Luminaire Shape

 Trim color
 Body color

 Die cast Aluminium body  IP44 Luminaire  IP20 Control Gear  50,000 Hours Lifetime

CorriLO CB is a versatile decorative recessed downlight that can be used widely in indoors, easy to mount on the ceiling. The luminaire offering a wide range of power and color temperatures and options like motion detection, timer, sleep and twilight function.

This range of products are popular for a wide range of application such as corridors, restrooms, lobbies and other indoor spaces.

Luminaire Details:

Product Name : CorriLO CB
 Product Type : LED Recessed Luminaire
 Product code : CDL-CB-30-A
 Efficiency Classification : Class B
 Luminaire Type : SMD
 Fixture Type : Fixed Luminaire

Light Source Details:

Light Emission : Area Emission
 Source brand : Cree
 Rated Power : 30W
 CRI : >80
 UGR : <19
 McAdam Binning : Step 3





Luminaire Housing:

Body : Die cast Aluminium
 Reflector type : Aluminium Reflector
 Lens/Glass : Centre frosted glass
 Storage Temperature (Ts) : -30 to 60 C
 Ambient Temperature (Ta) : -20 to 50°C
 Humidity : RH 10-90%

Correlated Color Temperature



 3000K  4000K  5000K  6500K

CCT	Rated Lumens
 3000K	2989lm
 4000K	2997lm
 5000K	3018lm
 6500K	3032lm

5 Years Product Warranty

Made In U.A.E

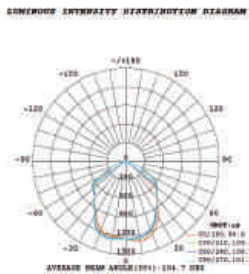


Control Gear Specifications:

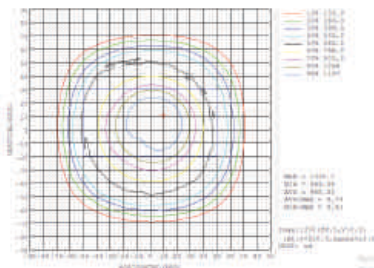
Control Gear Brand	: Tridonic
Input Voltage	: 220-240V AC
Input Current	: 0.72A
Frequency	: 50-60Hz
Output Voltage	: 48V DC Max.
Output Current	: 750 mA
Max. Output power	: 36W
Power Factor	: 0.90
THD	: <15%
Case temperature(Tc)	: 100°C
Ambient Temperature	: -20 to 50°C
Over voltage protection	: Available
Short circuit Protection	: Available
No-Load Protection	: Available
Burst Protection Voltage	: 1KV
Surge Protection Voltage	: 1KV(L to N) & 2KV(L/N to Earth)

Photometric details:

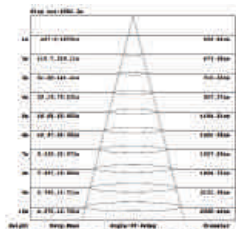
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Luminous Intensity distribution diagram
Corrilo CB 30W 6500K



Isocandela distribution diagram
Corrilo CB 30W 6500K



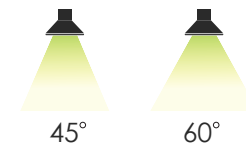
AAI Figure Corrilo CB 30W 6500K

Control Gear Compatibility:

Control Gear is the driving unit of LED. Corrilo is compatible with Phase cut dimming, 0-10/1-10V dimming and DALI Dimming control gears.



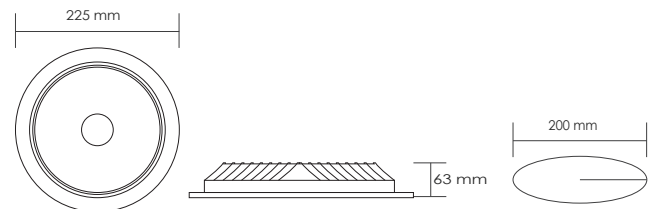
Optics and Beam Angle:



Add-on sensor Compatibility

Corrilo is compatible with external add-on motion detection and daylight sensors.

Physical Dimensions:



Ordering Codes for Corrilo CB 30W:

CCT	Code
3000K	629050030521
4000K	629050030541
5000K	629050030561
6500K	629050030581

Diameter	: 225 mm
Height	: 63 mm
Cut out	: 200 mm





LAUREL

LRL-06-A

06W



 Luminaire Shape

 Trim color
 Body color

Reflector Options: Matte White, Glossy Silver and Matt Silver

 Die cast Aluminium body  IP44 Luminaire  IP20 Control Gear  50,000 Hours Lifetime

Laurel is a decorative deep recessed downlight that can be used widely in indoors, easy to mount on the ceiling. The luminaire offering a wide range of power, color and reflector options and options like motion detection, timer, sleep and twilight function.

This range of products are popular for a wide range of application such as corridors, restrooms, lobbies and other indoor spaces.

Luminaire Details:

Product Name : Laurel
 Product Type : LED Recessed Luminaire
 Product code : LRL-06-A
 Efficiency Classification : Class B
 Luminaire Type : SMD
 Fixture Type : Fixed Luminaire

Light Source Details:

Light Emission : Area Emission
 Source brand : Osram
 Rated Power : 06W
 CRI : >80
 UGR : <19
 McAdam Binning : Step 3

Luminaire Housing:

Body : Die cast Aluminium
 Reflector type : PC Reflector
 Lens/Diffuser : PC Diffuser
 Storage Temperature (Ts) : -30 to 60 C
 Ambient Temperature (Ta) : -20 to 50°C
 Humidity : RH 10-90%





Correlated Color Temperature



 3000K  4000K  5000K  6500K

CCT

Rated Lumens

 3000K	540lms
 4000K	567lms
 5000K	589lms
 6500K	596lms

5 Years Product Warranty

Made In U.A.E



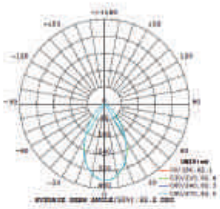
Control Gear Specifications:

Control Gear Brand	: Tridonic
Input Voltage	: 220-240V AC
Input Current	: 0.66A
Frequency	: 50-60Hz
Output Voltage	: 24V DC Max.
Output Current	: 300 mA
Max. Output power	: 7.2W
Power Factor	: 0.90
THD	: <15%
Case temperature(Tc)	: 100°C
Ambient Temperature	: -20 to 50°C
Over voltage protection	: Available
Short circuit Protection	: Available
No-Load Protection	: Available
Burst Protection Voltage	: 1KV
Surge Protection Voltage	: 1KV(L to N) & 2KV(L/N to Earth)

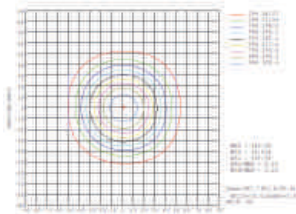
Photometric details:

Photometric Testing provides a comprehensive laboratory service for testing the amount, colour, quality and spatial distribution of light emitted from lamps, LEDs and luminaires. The standard photometric data files in IES (.ies) and EULUMDAT (.ldt) formats per IES LM 79-08 and BS EN 13032

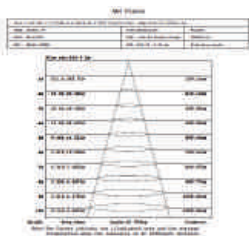
MINIMUM INTENSITY DISTRIBUTION DIAGRAM



Luminous Intensity distribution diagram
Laurel 6W 6500K



Isocandela distribution diagram
Laurel 6W 6500K



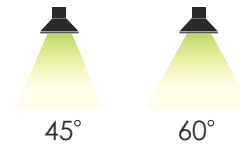
AAI Figure Laurel 6W 6500K

Control Gear Compatibility:

Control Gear is the driving unit of LED. Laurel is compatible with Phase cut dimming, 0-10/1-10V dimming and DALI Dimming control gears.



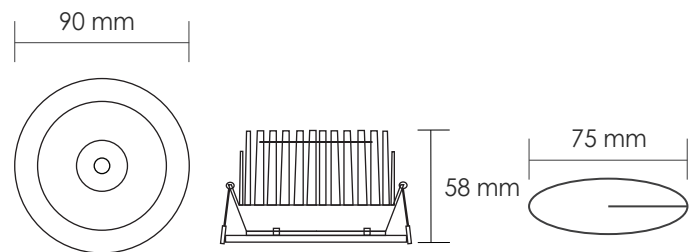
Optics and Beam Angle:



Add-on sensor Compatibility

Laurel is compatible with external add-on motion detection and daylight sensors.

Physical Dimensions:



Diameter	: 90 mm
Height	: 58 mm
Cut out	: 75 mm

Ordering Codes Laurel 6W:

CCT	Code
3000K	629054006526
4000K	629054006546
5000K	629054006566
6500K	629054006586





LAUREL

LRL-10-A

10W



 Luminaire Shape

 Trim color
 Body color

Reflector Options: Matte White, Glossy Silver and Matt Silver

 Die cast Aluminium body  IP44 Luminaire  IP20 Control Gear  50,000 Hours Lifetime

Laurel is a decorative deep recessed downlight that can be used widely in indoors, easy to mount on the ceiling. The luminaire offering a wide range of power, color and reflector options and options like motion detection, timer, sleep and twilight function.

This range of products are popular for a wide range of application such as corridors, restrooms, lobbies and other indoor spaces.

Luminaire Details:

Product Name : Laurel
 Product Type : LED Recessed Luminaire
 Product code : LRL-10-A
 Efficiency Classification : Class B
 Luminaire Type : SMD
 Fixture Type : Fixed Luminaire

Light Source Details:

Light Emission : Area Emission
 Source brand : Osram
 Rated Power : 10W
 CRI : >80
 UGR : <19
 McAdam Binning : Step 3

Luminaire Housing:

Body : Die cast Aluminium
 Reflector type : PC Reflector
 Lens/Diffuser : PC Diffuser
 Storage Temperature (Ts) : -30 to 60 C
 Ambient Temperature (Ta) : -20 to 50°C
 Humidity : RH 10-90%





Correlated Color Temperature



 3000K  4000K  5000K  6500K

CCT

Rated Lumens

 3000K	975lms
 4000K	984lms
 5000K	998lms
 6500K	1012lms

5 Years Product Warranty

Made In U.A.E



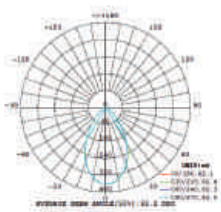
Control Gear Specifications:

Control Gear Brand	: Tridonic
Input Voltage	: 220-240V AC
Input Current	: 0.66A
Frequency	: 50-60Hz
Output Voltage	: 48V DC Max.
Output Current	: 300 mA
Max. Output power	: 7.2W
Power Factor	: 0.90
THD	: <15%
Case temperature(Tc)	: 100°C
Ambient Temperature	: -20 to 50°C
Over voltage protection	: Available
Short circuit Protection	: Available
No-Load Protection	: Available
Burst Protection Voltage	: 1KV
Surge Protection Voltage	: 1KV(L to N) & 2KV(L/N to Earth)

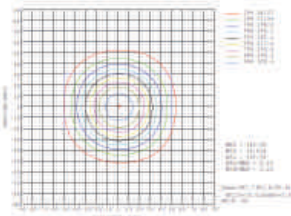
Photometric details:

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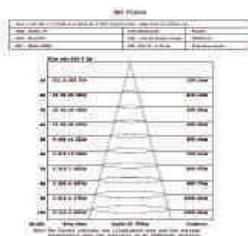
ALUMENOUS INTENSITY DISTRIBUTION DIAGRAM



Luminous Intensity distribution diagram
Laurel 10W 6500K



Isocandela distribution diagram
Laurel 10W 6500K



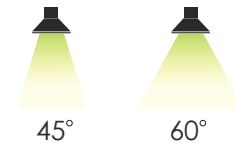
AAI Figure Laurel 10W 6500K

Control Gear Compatibility:

Control Gear is the driving unit of LED. Laurel is compatible with Phase cut dimming, 0-10/1-10V dimming and DALI Dimming control gears.



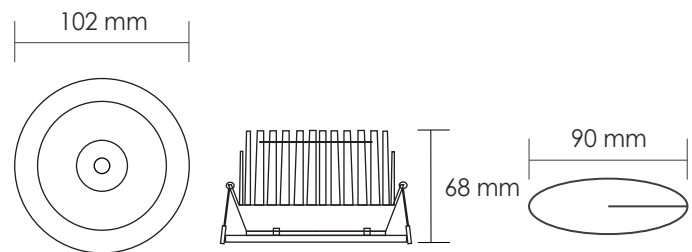
Optics and Beam Angle:



Add-on sensor Compatibility

Laurel is compatible with external add-on motion detection and daylight sensors.

Physical Dimensions:



Diameter	: 102 mm
Height	: 68 mm
Cut out	: 90 mm

Ordering Codes Laurel 10W:

CCT	Code
3000K	629054010526
4000K	629054010546
5000K	629054010566
6500K	629054010586





LAUREL

LRL-15-A

15W



 Luminaire Shape

 Trim color
 Body color

Reflector Options: Matte White, Glossy Silver and Matt Silver

 Die cast Aluminium body  IP44 Luminaire  IP20 Control Gear  50,000 Hours Lifetime

Laurel is a decorative deep recessed downlight that can be used widely in indoors, easy to mount on the ceiling. The luminaire offering a wide range of power, color and reflector options and options like motion detection, timer, sleep and twilight function.

This range of products are popular for a wide range of application such as corridors, restrooms, lobbies and other indoor spaces.

Luminaire Details:

Product Name : Laurel
 Product Type : LED Recessed Luminaire
 Product code : LRL-15-A
 Efficiency Classification : Class B
 Luminaire Type : SMD
 Fixture Type : Fixed Luminaire

Light Source Details:

Light Emission : Area Emission
 Source brand : Osram
 Rated Power : 15W
 CRI : >80
 UGR : <19
 McAdam Binning : Step 3

Luminaire Housing:

Body : Die cast Aluminium
 Reflector type : PC Reflector
 Lens/Diffuser : PC Diffuser
 Storage Temperature (Ts) : -30 to 60 C
 Ambient Temperature (Ta) : -20 to 50°C
 Humidity : RH 10-90%

Correlated Color Temperature



 3000K  4000K  5000K  6500K

CCT

Rated Lumens

 3000K	1487lms
 4000K	1496lms
 5000K	1510lms
 6500K	1522lms

5 Years Product Warranty

Made In U.A.E

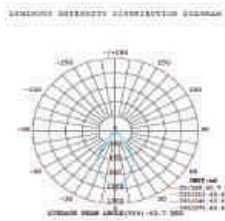


Control Gear Specifications:

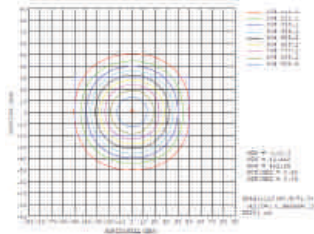
Control Gear Brand	: Tridonic
Input Voltage	: 220-240V AC
Input Current	: 0.66A
Frequency	: 50-60Hz
Output Voltage	: 72V DC Max.
Output Current	: 300 mA
Max. Output power	: 21.4W
Power Factor	: 0.90
THD	: <15%
Case temperature(Tc)	: 100°C
Ambient Temperature	: -20 to 50°C
Over voltage protection	: Available
Short circuit Protection	: Available
No-Load Protection	: Available
Burst Protection Voltage	: 1KV
Surge Protection Voltage	: 1KV(L to N) & 2KV(L/N to Earth)

Photometric details:

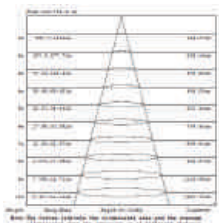
Photometric Testing provides a comprehensive laboratory service for testing the amount, colour, quality and spatial distribution of light emitted from lamps, LEDs and luminaires. The standard photometric data files in IES (.ies) and EULUMDAT (.ldt) formats per IES LM 79-08 and BS EN 13032



Luminous Intensity distribution diagram
Laurel 15W 6500K



Isocandela distribution diagram
Laurel 15W 6500K



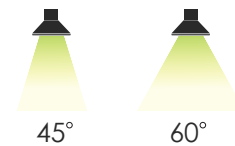
AAI Figure Laurel 15W 6500K

Control Gear Compatibility:

Control Gear is the driving unit of LED. Laurel is compatible with Phase cut dimming, 0-10/1-10V dimming and DALI Dimming control gears.



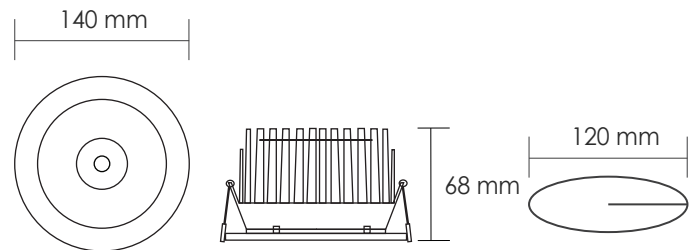
Optics and Beam Angle:



Add-on sensor Compatibility

Laurel is compatible with external add-on motion detection and daylight sensors.

Physical Dimensions:



Diameter	: 140 mm
Height	: 68 mm
Cut out	: 120 mm

Ordering Codes:

CCT	Code
3000K	629054015526
4000K	629054015546
5000K	629054015566
6500K	629054015586





LAUREL

LRL-30-A

30W



 Luminaire Shape

 Trim color
 Body color

Reflector Options: Matte White, Glossy Silver and Matt Silver

 Die cast Aluminium body  IP44 Luminaire  IP20 Control Gear  50,000 Hours Lifetime

Laurel is a decorative deep recessed downlight that can be used widely in indoors, easy to mount on the ceiling. The luminaire offering a wide range of power, color and reflector options and options like motion detection, timer, sleep and twilight function.

This range of products are popular for a wide range of application such as corridors, restrooms, lobbies and other indoor spaces.

Luminaire Details:

Product Name : Laurel
 Product Type : LED Recessed Luminaire
 Product code : LRL-30-A
 Efficiency Classification : Class B
 Luminaire Type : SMD
 Fixture Type : Fixed Luminaire

Light Source Details:

Light Emission : Area Emission
 Source brand : Osram
 Rated Power : 30W
 CRI : >80
 UGR : <19
 McAdam Binning : Step 3

Luminaire Housing:

Body : Die cast Aluminium
 Reflector type : PC Reflector
 Lens/Diffuser : PC Diffuser
 Storage Temperature (Ts) : -30 to 60 C
 Ambient Temperature (Ta) : -20 to 50°C
 Humidity : RH 10-90%





Correlated Color Temperature



 3000K  4000K  5000K  6500K

CCT

Rated Lumens

 3000K	2987lms
 4000K	2996lms
 5000K	3012lms
 6500K	3028lms

5 Years Product Warranty

Made In U.A.E



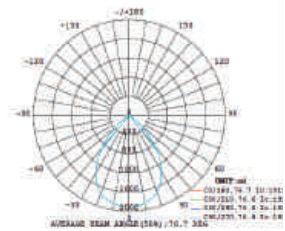
Control Gear Specifications:

Control Gear Brand	: Tridonic
Input Voltage	: 220-240V AC
Input Current	: 0.82A
Frequency	: 50-60Hz
Output Voltage	: 48V DC Max.
Output Current	: 750 mA
Max. Output power	: 36W
Power Factor	: 0.90
THD	: <15%
Case temperature(Tc)	: 100°C
Ambient Temperature	: -20 to 50°C
Over voltage protection	: Available
Short circuit Protection	: Available
No-Load Protection	: Available
Burst Protection Voltage	: 1KV
Surge Protection Voltage	: 1KV(L to N) & 2KV(L/N to Earth)

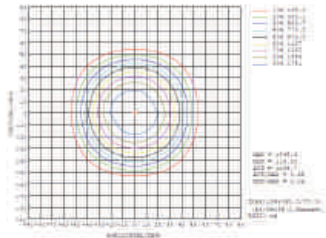
Photometric details:

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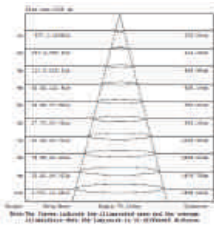
SYNCHRONISCHES LICHTVERTEILUNGSDIAGRAMM



Luminous Intensity distribution diagram
Laurel 30W 6500K



Isocandela distribution diagram
Laurel 30W 6500K



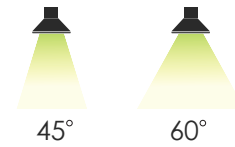
AAI Figure Laurel 30W 6500K

Control Gear Compatibility:

Control Gear is the driving unit of LED. Laurel is compatible with Phase cut dimming, 0-10/1-10V dimming and DALI Dimming control gears.



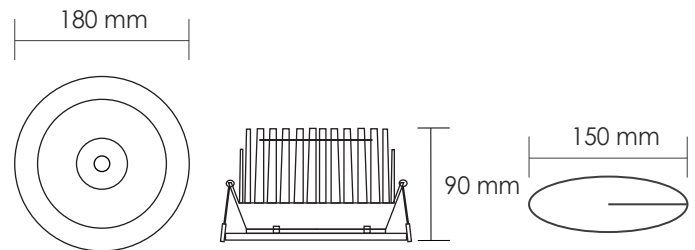
Optics and Beam Angle:



Add-on sensor Compatibility

Laurel is compatible with external add-on motion detection and daylight sensors.

Physical Dimensions:



Ordering Codes:

CCT	Code
3000K	629054030526
4000K	629054030546
5000K	629054030566
6500K	629054030586

Diameter	: 180 mm
Height	: 90 mm
Cut out	: 150 mm



BOX GIMBAL

BGX-30-A

30W



Box gimbal is a square recessed adjustable downlight with an aesthetic design and build quality, easy to mount on the ceiling. The luminaire offering a wide range of power, color and also support external options like motion detection, timer, sleep and twilight function.

This range of products are popular for a wide range of application such as Galleries, showrooms, Exhibition halls, Shopping malls and other indoor spaces.

Luminaire Details:

Product Name	: Box Gimbal
Product Type	: LED Recessed Luminaire
Product code	: BGX-30-A
Efficiency Classification	: Class A
Luminaire Type	: COB
Fixture Type	: Adjustable Luminaire

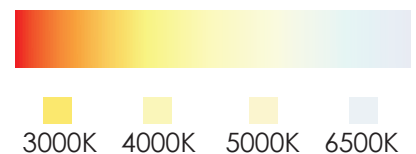
Light Source Details:

Light Emission	: Pointed Emission
Source brand	: Cree
Rated Power	: 30W
CRI	: >80
UGR	: <19
McAdam Binning	: Step 3

Luminaire Housing:

Body	: Die cast Aluminium
Reflector type	: PC Reflector
Lens/Diffuser	: Glass Cover
Storage Temperature (Ts)	: -30 to 60 C
Ambient Temperature (Ta)	: -20 to 50°C
Humidity	: RH 10-90%

Correlated Color Temperature



CCT Rated Lumens

3000K	540lms
4000K	567lms
5000K	589lms
6500K	596lms

5 Years Product Warranty

Made In U.A.E



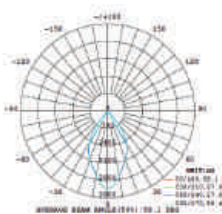
Control Gear Specifications:

Control Gear Brand	: Tridonic
Input Voltage	: 220-240V AC
Input Current	: 0.82A
Frequency	: 50-60Hz
Output Voltage	: 48V DC Max.
Output Current	: 750 mA
Max. Output power	: 36W
Power Factor	: 0.90
THD	: <15%
Case temperature(Tc)	: 100°C
Ambient Temperature	: -20 to 50°C
Over voltage protection	: Available
Short circuit Protection	: Available
No-Load Protection	: Available
Burst Protection Voltage	: 1KV
Surge Protection Voltage	: 1KV(L to N) & 2KV(L/N to Earth)

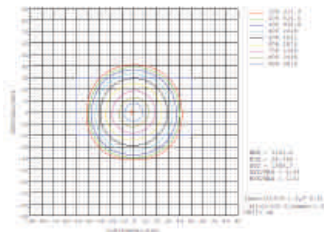
Photometric details:

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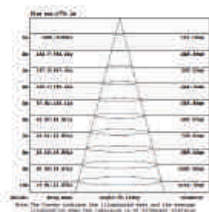
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



Luminous intensity distribution diagram
Gimbal 30W 6500K



Isocandela distribution diagram
Gimbal 30W 6500K



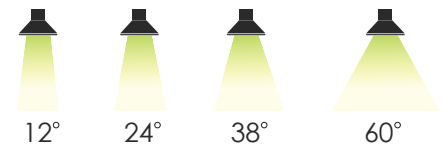
AAI Figure Gimbal 30W 6500K

Control Gear Compatibility:

Control Gear is the driving unit of LED. Gimbal is compatible with Phase cut dimming, 0-10/1-10V dimming and DALI Dimming control gears.



Optics and Beam Angle:

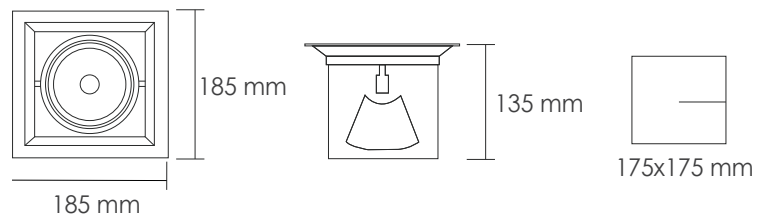


Add-on sensor Compatibility



Gimbal is compatible with external add-on motion detection and daylight sensors.

Physical Dimensions:



Ordering Codes for Box gimbal:

CCT	Code
3000K	629060030521
4000K	629060030541
5000K	629060030561
6500K	629060030581

Length	: 185x185 mm
Height	: 135 mm
Cut out	: 175x175 mm



BOX GIMBAL

BGX-40-A

40W



Box gimbal is a square recessed adjustable downlight with an aesthetic design and build quality, easy to mount on the ceiling. The luminaire offering a wide range of power, color and also support external options like motion detection, timer, sleep and twilight function.

This range of products are popular for a wide range of application such as Galleries, showrooms, Exhibition halls, Shopping malls and other indoor spaces.

Luminaire Details:

Product Name	: Box Gimbal
Product Type	: LED Recessed Luminaire
Product code	: BGX-40-A
Efficiency Classification	: Class B
Luminaire Type	: COB
Fixture Type	: Adjustable Luminaire

Light Source Details:

Light Emission	: Pointed Emission
Source brand	: Cree
Rated Power	: 40W
CRI	: >80
UGR	: <19
McAdam Binning	: Step 3

Luminaire Housing:

Body	: Die cast Aluminium
Reflector type	: PC Reflector
Lens/Diffuser	: Glass Cover
Storage Temperature (Ts)	: -30 to 60 C
Ambient Temperature (Ta)	: -20 to 50°C
Humidity	: RH 10-90%

Correlated Color Temperature



3000K	4000K	5000K	6500K
-------	-------	-------	-------

CCT	Rated Lumens
3000K	3993lms
4000K	4013lms
5000K	4026lms
6500K	4042lms

5 Years Product Warranty

Made In U.A.E

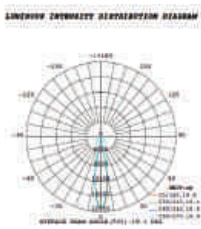


Control Gear Specifications:

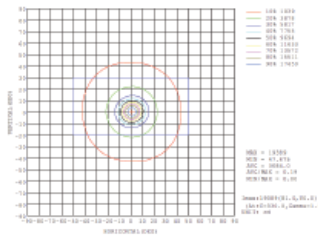
Control Gear Brand	: Tridonic
Input Voltage	: 220-240V AC
Input Current	: 0.82A
Frequency	: 50-60Hz
Output Voltage	: 48V DC Max.
Output Current	: 1050 mA
Max. Output power	: 36W
Power Factor	: 0.90
THD	: <15%
Case temperature(Tc)	: 100°C
Ambient Temperature	: -20 to 50°C
Over voltage protection	: Available
Short circuit Protection	: Available
No-Load Protection	: Available
Burst Protection Voltage	: 1KV
Surge Protection Voltage	: 1KV(L to N) & 2KV(L/N to Earth)

Photometric details:

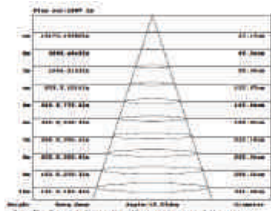
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Luminous Intensity distribution diagram
Gimbal 40W 6500K



Isocandela distribution diagram
Gimbal 40W 6500K



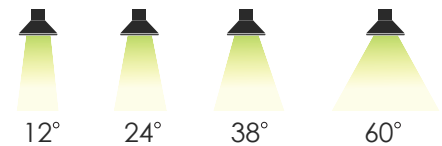
AAI Figure Gimbal 40W 6500K

Control Gear Compatibility:

Control Gear is the driving unit of LED. Gimbal is compatible with Phase cut dimming, 0-10/1-10V dimming and DALI Dimming control gears.



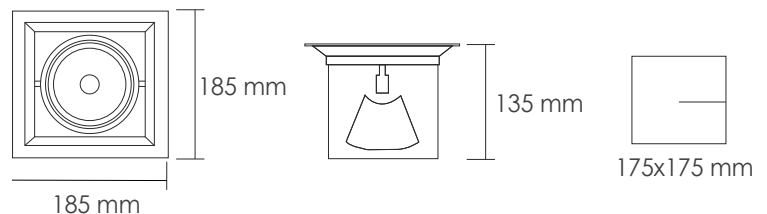
Optics and Beam Angle:



Add-on sensor Compatibility

Gimbal is compatible with external add-on motion detection and daylight sensors.

Physical Dimensions:



Ordering Codes for Box gimbal 40W:

CCT	Code
3000K	629060040521
4000K	629060040541
5000K	629060040561
6500K	629060040581

Length	: 185x185 mm
Height	: 135 mm
Cut out	: 175x175 mm


Hansagreen
LED



LINEAR RECESSED DOWNLIGHTS

CAMEO R 3050





CAMEO R 3050

CLL-R-3050-30-A

30W



 Luminaire Shape

 Body color

 Aluminium die cast body
  IP44 Luminaire
  IP20 Control Gear
  50,000 Hours Lifetime

Cameo is a linear recessed profile downlight that can be used widely in indoors, easy to mount on the ceiling with the help of retaining clips. The luminaire offering a wide range of power and color temperatures and options like motion detection, timer, sleep and twilight function.

This range of products are popular for a wide range of application such as corridors, restrooms, lobbies, conference rooms and other indoor spaces.

Luminaire Details:

Product Name : Cameo R 3050
 Product Type : LED Recessed Luminaire
 Product code : CLL-R-3050-30-A
 Efficiency Classification : Class C
 Luminaire Type : SMD
 Fixture Type : Linear Fixed Luminaire

Light Source Details:

Light Emission : Linear Emission
 Source brand : Osram
 Rated Power : 30W
 CRI : >80
 UGR : <19
 McAdam Binning : Step 3

Luminaire Housing:

Body : Aluminium die cast
 Reflector type : Nil
 Lens/Glass : Polycarbonate diffuser
 Storage Temperature (Ts) : -30 to 60 C
 Ambient Temperature (Ta) : -20 to 50°C
 Humidity : RH 10-90%





Correlated Color Temperature



 3000K
  4000K
  5000K
  6500K

CCT

Rated Lumens

 3000K	2989lm
 4000K	2997lm
 5000K	3018lm
 6500K	3032lm

5 Years Product Warranty

Made In U.A.E



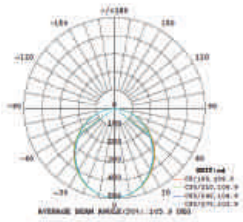
Control Gear Specifications:

Control Gear Brand	: Tridonic
Input Voltage	: 220-240V AC
Input Current	: 0.72A
Frequency	: 50-60Hz
Output Voltage	: 45V DC Max.
Output Current	: 900 mA
Max. Output power	: 40W
Power Factor	: 0.90
THD	: <15%
Case temperature(Tc)	: 100°C
Ambient Temperature	: -20 to 50°C
Over voltage protection	: Available
Short circuit Protection	: Available
No-Load Protection	: Available
Burst Protection Voltage	: 1KV
Surge Protection Voltage	: 1KV(L to N) & 2KV(L/N to Earth)

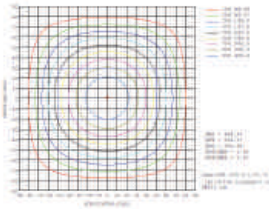
Photometric details:

Photometric Testing provides a comprehensive laboratory service for testing the amount, colour, quality and spatial distribution of light emitted from lamps, LEDs and luminaires. The standard photometric data files in IES (.ies) and EULUMDAT (.ldt) formats per IES LM 79-08 and BS EN 13032

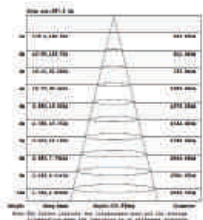
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



Luminous Intensity distribution diagram
Cameo R 30W 6500K



Isocandela distribution diagram
Cameo R 30W 6500K



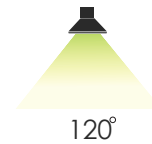
AAI Figure Cameo R 30W 6500K

Control Gear Compatibility:

Control Gear is the driving unit of LED. Cameo is compatible with Phase cut dimming, 0-10/1-10V dimming and DALI Dimming control gears.



Optics and Beam Angle:



Add-on sensor Compatibility



Cameo is compatible with external add-on motion detection and daylight sensors.

Physical Dimensions:



Ordering Codes for Cameo R 30W:

CCT	Code
3000K	629191030521
4000K	629191030541
5000K	629191030561
6500K	629191030581

Length	: 1215 mm
Height	: 30 mm
Cut out	: 200 mm



INDUSTRIAL LIGHTING



Hansagreen
LED



LED FIXED LUMINAIRES

LUMIBROOK SLIM EY | LUMIBROOK TP





LUMIBROOK SLIM EY

LBK-SLM-EY-40-A

40W



 Luminaire Shape

 Body color

 Polycarbonate body  IP65 Luminaire  IP20 Control Gear  50,000 Hours Lifetime

Lumibrook Slim is a high efficacy industrial linear weatherproof light that can be used widely in indoors as well as outdoor, The luminaire offering both way of mounting both suspension and surface mounting wide range of power and color temperatures and options like motion detection, timer, sleep and twilight function.

This range of products are popular for a wide range of application such us lighting in the Warehouse, Manufacturing units, car parkings, Metro stations, Exhibition centres etc.

Luminaire Details:

Product Name : Lumibrook Slim EY
 Product Type : LED Fixed Luminaire
 Product code : LBK-SLM-EY-40-A
 Efficiency Classification : Class A
 Luminaire Type : SMD
 Fixture Type : Fixed Suspension/Surface type

Light Source Details:

Light Emission : Linear Emission
 Source brand : Osram
 Rated Power : 40W
 CRI : >80
 UGR : <19
 McAdam Binning : Step 5

Luminaire Housing:

Body : Polycarbonate Body
 Reflector type : Nil
 Lens/Glass : Polycarbonate white diffuser
 Storage Temperature (Ts) : -30 to 60 C
 Ambient Temperature (Ta) : -20 to 55°C
 Humidity : RH 10-90%





Correlated Color Temperature



 3000K  4000K  5000K  6500K

CCT

Rated Lumens

 3000K	5397 lms
 4000K	5408 lms
 5000K	5416 lms
 6500K	5423 lms

5 Years Product Warranty

Made In U.A.E

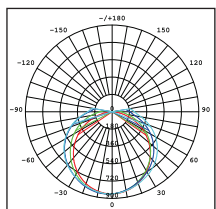


Control Gear Specifications:

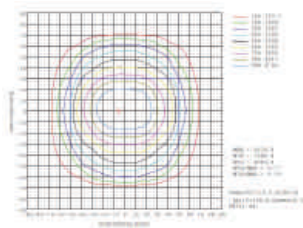
Control Gear Brand	: Tridonic
Input Voltage	: 100-265V AC
Input Current	: 0.77A
Frequency	: 50-60Hz
Output Voltage	: 57V DC.
Output Current	: 1050 mA
Max. Output power	: 60W
Power Factor	: 0.90
THD	: <15%
Case temperature(Tc)	: 100°C
Ambient Temperature	: -20 to 50°C
Over voltage protection	: Available
Short circuit Protection	: Available
No-Load Protection	: Available
Burst Protection Voltage	: 2KV
Surge Protection Voltage	: 1KV(L to N) & 2KV(L/N to Earth)

Photometric details:

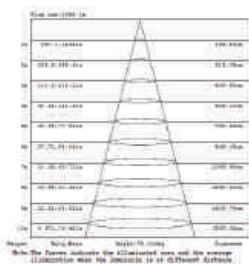
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Luminous Intensity distribution diagram
Lumibrook Slim 40W 6500K



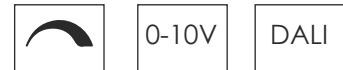
Luminous Intensity distribution diagram
Lumibrook Slim 40W 6500K



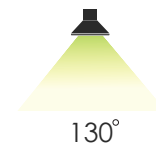
Luminous Intensity distribution diagram
Lumibrook Slim 40W 6500K

Control Gear Compatibility:

Control Gear is the driving unit of LED. Lumibrook is compatible with Phase cut dimming, 1-10V/0-10V and Dali control gears.



Optics and Beam Angle:

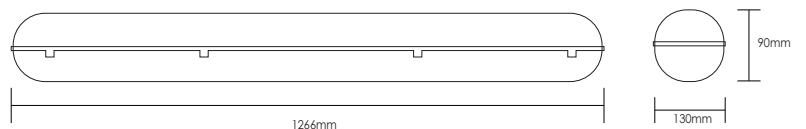


Add-on sensor Compatibility



Lumibrook is compatible with external add-on motion detection and daylight IP65 sensors.

Physical Dimensions:



Ordering Codes for Lumibrook Slim EY 40W:

CCT	Code
3000K	629099040523
4000K	629099040543
5000K	629099040563
6500K	629099040583

Length	: 1266 mm
Width	: 130 mm
Height	: 90 mm




LUMIBROOK SLIM EY

LBK-SLM-EY-60-A

60W



 Luminaire Shape

 Body color

 Polycarbonate body

 IP65 Luminaire

 IP20 Control Gear

 50,000 Hours Lifetime

Lumibrook Slim is a high efficacy industrial linear weatherproof light that can be used widely in indoors as well as outdoor, The luminaire offering both way of mounting both suspension and surface mounting wide range of power and color temperatures and options like motion detection, timer, sleep and twilight function.

This range of products are popular for a wide range of application such us lighting in the Warehouse, Manufacturing units, car parkings, Metro stations, Exhibition centres etc.

Luminaire Details:

Product Name	: Lumibrook Slim EY
Product Type	: LED Fixed Luminaire
Product code	: LBK-SLM-EY-60-A
Efficiency Classification	: Class A
Luminaire Type	: SMD
Fixture Type	: Fixed Suspension/Surface type

Light Source Details:

Light Emission	: Linear Emission
Source brand	: Osram
Rated Power	: 60W
CRI	: >80
UGR	: <19
McAdam Binning	: Step 5

Luminaire Housing:

Body	: Polycarbonate body
Reflector type	: Nil
Lens/Glass	: Polycarbonate white diffuser
Storage Temperature (Ts)	: -30 to 60 C
Ambient Temperature (Ta)	: -20 to 55°C
Humidity	: RH 10-90%

Correlated Color Temperature



 3000K
  4000K
  5000K
  6500K

CCT

 3000K

 4000K

 5000K

 6500K

Rated Lumens

8390 lms

8398 lms

8406 ms

8417 lms

5 Years Product Warranty

Made In U.A.E

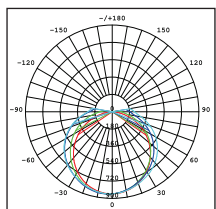


Control Gear Specifications:

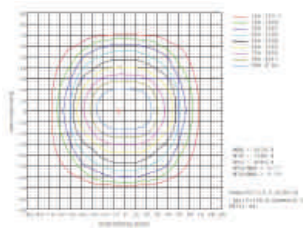
Control Gear Brand	: Tridonic
Input Voltage	: 100-265V AC
Input Current	: 0.77A
Frequency	: 50-60Hz
Output Voltage	: 57V DC.
Output Current	: 1050 mA
Max. Output power	: 60W
Power Factor	: 0.90
THD	: <15%
Case temperature(Tc)	: 100°C
Ambient Temperature	: -20 to 50°C
Over voltage protection	: Available
Short circuit Protection	: Available
No-Load Protection	: Available
Burst Protection Voltage	: 2KV
Surge Protection Voltage	: 1KV(L to N) & 2KV(L/N to Earth)

Photometric details:

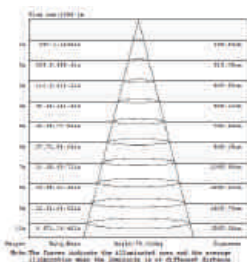
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Luminous Intensity distribution diagram
Lumibrook Slim 60W 6500K



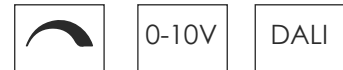
Luminous Intensity distribution diagram
Lumibrook Slim 60W 6500K



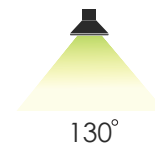
Luminous Intensity distribution diagram
Lumibrook Slim 60W 6500K

Control Gear Compatibility:

Control Gear is the driving unit of LED. Lumibrook is compatible with Phase cut dimming, 1-10V/0-10V and Dali control gears.



Optics and Beam Angle:

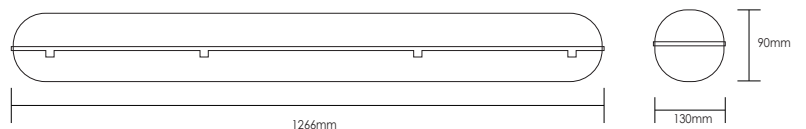


Add-on sensor Compatibility



Lumibrook is compatible with external add-on motion detection and daylight IP65 sensors.

Physical Dimensions:



Ordering Codes for Lumibrook Slim EY 60W:

CCT	Code
3000K	629099060523
4000K	629099060543
5000K	629099060563
6500K	629099060583

Length	: 1266 mm
Width	: 130 mm
Height	: 90 mm



LUMIBROOK TP

LBT-4F-40-A

40W



 Luminaire Shape

 Body color

 Aluminium body
  IP65 Luminaire
  IP20 Control Gear
  50,000 Hours Lifetime

Lumibrook TP is a high efficacy industrial linear weatherproof light that can be used widely in indoors as well as outdoor, The luminaire offering both way of mounting, suspension and surface mounting with wide range of power and color temperatures and other options like motion detection, timer, sleep and twilight function.

This range of products are popular for a wide range of application such as lighting in the Warehouse, Production area, car parkings, Metro stations, Exhibition centres etc.

Luminaire Details:

Product Name : Lumibrook TP
 Product Type : LED Fixed Luminaire
 Product code : LBT-4F-40-A
 Efficiency Classification : Class A
 Luminaire Type : SMD
 Fixture Type : Fixed Suspension/Surface type

Light Source Details:

Light Emission : Linear Emission
 Source brand : Osram
 Rated Power : 40W
 CRI : >80
 UGR : <19
 McAdam Binning : Step 5

Luminaire Housing:

Body : Aluminium body
 Reflector type : Nil
 Lens/Glass : Polycarbonate white diffuser
 Storage Temperature (Ts) : -30 to 60 C
 Ambient Temperature (Ta) : -20 to 55°C
 Humidity : RH 10-90%





Correlated Color Temperature



 3000K
  4000K
  5000K
  6500K

CCT

Rated Lumens

 3000K	5590 lms
 4000K	5604 lms
 5000K	5609 ms
 6500K	5613 lms

5 Years Product Warranty

Made In U.A.E

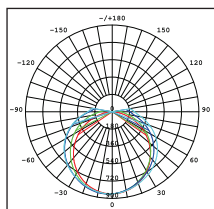


Control Gear Specifications:

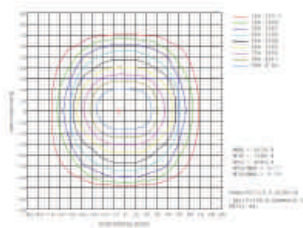
Control Gear Brand	: Tridonic
Input Voltage	: 100-265V AC
Input Current	: 0.77A
Frequency	: 50-60Hz
Output Voltage	: 57V DC.
Output Current	: 1050 mA
Max. Output power	: 60W
Power Factor	: 0.90
THD	: <15%
Case temperature(Tc)	: 100°C
Ambient Temperature	: -20 to 50°C
Over voltage protection	: Available
Short circuit Protection	: Available
No-Load Protection	: Available
Burst Protection Voltage	: 2KV
Surge Protection Voltage	: 1KV(L to N) &2KV(L/N to Earth)

Photometric details:

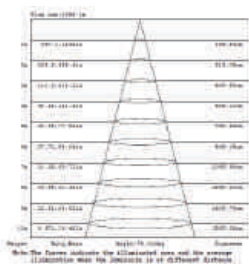
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Luminous Intensity distribution diagram Lumibrook TP 40W 6500K



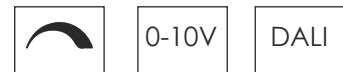
Luminous Intensity distribution diagram Lumibrook TP 40W 6500K



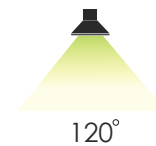
Luminous Intensity distribution diagram Lumibrook TP 40W 6500K

Control Gear Compatibility:

Control Gear is the driving unit of LED. Lumibrook TP is compatible with Phase cut dimming, 1-10V/0-10V and Dali control gears.



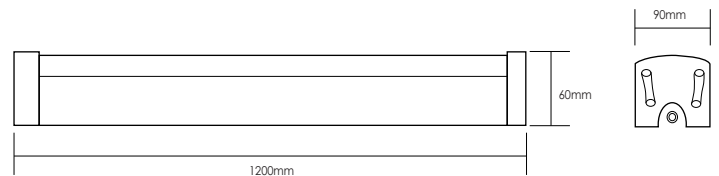
Optics and Beam Angle:



Add-on sensor Compatibility

Lumibrook TP is compatible with external add-on motion detection and daylight IP65 sensors.

Physical Dimensions:



Length	: 1200 mm
Width	: 90 mm
Height	: 60 mm

Ordering Codes for Lumibrook TP 40W:

CCT	Code
3000K	629122040525
4000K	629122040545
5000K	629122040565
6500K	629122040865



LUMIBROOK TP

LBT-6F-60-A

60W



 Luminaire Shape

 Body color

-  Aluminium body
-  IP65 Luminaire
-  IP20 Control Gear
-  50,000 Hours Lifetime

Lumibrook TP is a high efficacy industrial linear weatherproof light that can be used widely in indoors as well as outdoor, The luminaire offering both way of mounting, suspension and surface mounting with wide range of power and color temperatures and other options like motion detection, timer, sleep and twilight function.

This range of products are popular for a wide range of application such as lighting in the Warehouse, Production area, car parkings, Metro stations, Exhibition centres etc.

Luminaire Details:

Product Name	: Lumibrook TP
Product Type	: LED Fixed Luminaire
Product code	: LBT-6F-60-A
Efficiency Classification	: Class B
Luminaire Type	: SMD
Fixture Type	: Fixed Suspension/Surface type

Light Source Details:

Light Emission	: Linear Emission
Source brand	: Osram
Rated Power	: 60W
CRI	: >80
UGR	: <19
McAdam Binning	: Step 5

Luminaire Housing:


Body	: Aluminium body
Reflector type	: Nil
Lens/Glass	: Polycarbonate white diffuser
Storage Temperature (Ts)	: -30 to 60 C
Ambient Temperature (Ta)	: -20 to 55°C
Humidity	: RH 10-90%

Correlated Color Temperature



			
3000K	4000K	5000K	6500K

CCT Rated Lumens

	3000K	8398 lms
	4000K	8408 lms
	5000K	8413 ms
	6500K	8420 lms

5 Years Product Warranty

Made In U.A.E

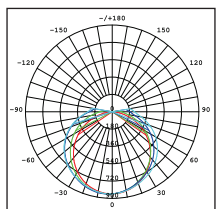


Control Gear Specifications:

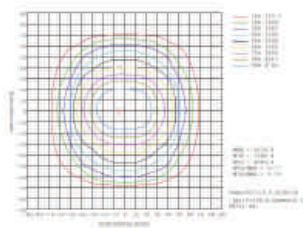
Control Gear Brand	: Tridonic
Input Voltage	: 100-265V AC
Input Current	: 0.77A
Frequency	: 50-60Hz
Output Voltage	: 57V DC.
Output Current	: 1050 mA
Max. Output power	: 60W
Power Factor	: 0.90
THD	: <15%
Case temperature(Tc)	: 100°C
Ambient Temperature	: -20 to 50°C
Over voltage protection	: Available
Short circuit Protection	: Available
No-Load Protection	: Available
Burst Protection Voltage	: 2KV
Surge Protection Voltage	: 1KV(L to N) & 2KV(L/N to Earth)

Photometric details:

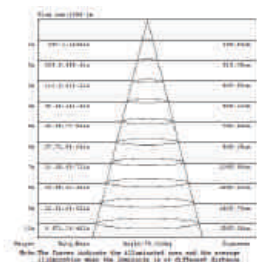
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Luminous Intensity distribution diagram
Lumibrook TP 60W 6500K



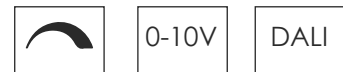
Luminous Intensity distribution diagram
Lumibrook TP 60W 6500K



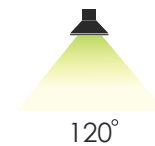
Luminous Intensity distribution diagram
Lumibrook TP 60W 6500K

Control Gear Compatibility:

Control Gear is the driving unit of LED. Lumibrook TP is compatible with Phase cut dimming, 1-10V/0-10V and Dali control gears.



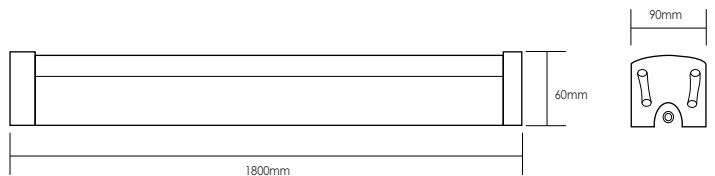
Optics and Beam Angle:



Add-on sensor Compatibility

Lumibrook TP is compatible with external add-on motion detection and daylight IP65 sensors.

Physical Dimensions:



Ordering Codes for Lumibrook TP 40W:

CCT	Code
3000K	629122060525
4000K	629122060545
5000K	629122060565
6500K	629122060865

Length	: 1800 mm
Width	: 60 mm
Height	: 60 mm



Hansagreen
LED



LED HIGH BAY LIGHTS

CROSSBOW UFO





CROSSBOW UFO

HBL-UFO-100-A

100W



Body color

 Die cast Aluminium body
  IP65 Luminaire
  IP65 Control Gear
  50,000 Hours Lifetime

Crossbow UFO is a high efficacy industrial high bay light that can be used widely in indoors and other industrial areas easy to suspend on the suspension hook. The luminaire offering a wide range of power and color temperatures and options like motion detection, timer, sleep and twilight function.

This range of products are popular for a wide range of application such as lighting in the Warehouse, Manufacturing units, Public Halls, Indoor stadium, Exhibition centres etc.

Luminaire Details:

Product Name : Crossbow UFO
 Product Type : LED Highbay Light
 Product code : HBL-UFO-100-A
 Efficiency Classification : Class A
 Luminaire Type : SMD
 Fixture Type : Suspension type

Light Source Details:

Light Emission : Area Emission
 Source brand : Cree
 Rated Power : 100W
 CRI : >80
 UGR : <19
 McAdam Binning : Step 5

Luminaire Housing:





Body : Die cast Aluminium
 Reflector type : Nil
 Lens/Glass : Polycarbonate Diffused Lens
 Storage Temperature (Ts) : -30 to 60 C
 Ambient Temperature (Ta) : -20 to 55°C
 Humidity : RH 10-90%

Correlated Color Temperature



 3000K
  4000K
  5000K
  6500K

CCT Rated Lumens

CCT	Rated Lumens
 3000K	13987 lms
 4000K	13995 lms
 5000K	14009 ms
 6500K	14019 lms

5 Years Product Warranty

Made In U.A.E

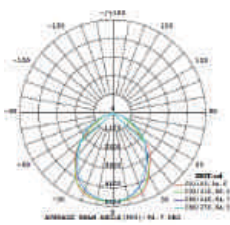


Control Gear Specifications:

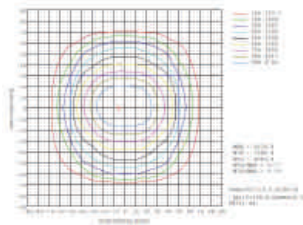
Control Gear Brand	: MeanWell
Input Voltage	: 100-265V AC
Input Current	: 0.75A
Frequency	: 50-60Hz
Output Voltage	: 36V DC.
Output Current	: 2.8 A
Max. Output power	: 100.8W
Power Factor	: 0.90
THD	: <15%
Case temperature(Tc)	: 100°C
Ambient Temperature	: -20 to 50°C
Over voltage protection	: Available
Short circuit Protection	: Available
No-Load Protection	: Available
Burst Protection Voltage	: 2KV
Surge Protection Voltage	: 1KV(L to N) &2KV(L/N to Earth)

Photometric details:

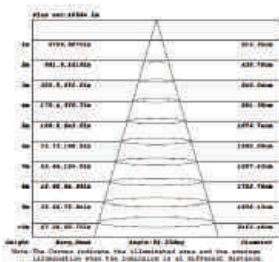
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Luminous Intensity distribution diagram
UFO 100W 6500K



Luminous Intensity distribution diagram
UFO 100W 6500K



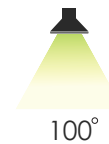
Luminous Intensity distribution diagram
UFO 100W 6500K

Control Gear Compatibility:

Control Gear is the driving unit of LED. UFO is compatible with Phase cut dimming and 1-10V/0-10V control gears.



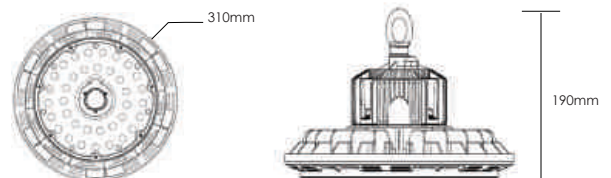
Optics and Beam Angle:



Add-on sensor Compatibility

UFO is compatible with external add-on motion detection and daylight IP65 sensors.

Physical Dimensions:



Diameter : 310 mm
Height : 190 mm

Ordering Codes for Crossbow UFO 100W:

CCT	Code
3000K	629067100522
4000K	629067100542
5000K	629067100562
6500K	629067100582



CROSSBOW UFO

HBL-UFO-150-A

150W



-  Die cast Aluminium body
-  IP65 Luminaire
-  IP65 Control Gear
-  50,000 Hours Lifetime

Crossbow UFO is a high efficacy industrial high bay light that can be used widely in indoors and other industrial areas easy to suspend on the suspension hook. The luminaire offering a wide range of power and color temperatures and options like motion detection, timer, sleep and twilight function.

This range of products are popular for a wide range of application such as lighting in the Warehouse, Manufacturing units, Public Halls, Indoor stadium, Exhibition centres etc.

Luminaire Details:

Product Name	: Crossbow UFO
Product Type	: LED Highbay Light
Product code	: HBL-UFO-150-A
Efficiency Classification	: Class A
Luminaire Type	: SMD
Fixture Type	: Suspension type

Light Source Details:

Light Emission	: Area Emission
Source brand	: Cree
Rated Power	: 150W
CRI	: >80
UGR	: <19
McAdam Binning	: Step 5

Luminaire Housing:

Body	: Die cast Aluminium
Reflector type	: Nil
Lens/Glass	: Polycarbonate Diffused Lens
Storage Temperature (Ts)	: -30 to 60 C
Ambient Temperature (Ta)	: -20 to 55°C
Humidity	: RH 10-90%

Correlated Color Temperature



			
3000K	4000K	5000K	6500K

CCT Rated Lumens

	3000K	20967 lms
	4000K	20995 lms
	5000K	21012 ms
	6500K	21029 lms

5 Years Product Warranty

Made In U.A.E

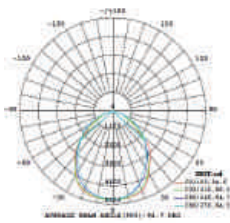


Control Gear Specifications:

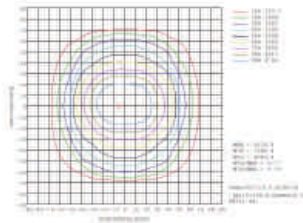
Control Gear Brand	: MeanWell
Input Voltage	: 100-265V AC
Input Current	: 0.75A
Frequency	: 50-60Hz
Output Voltage	: 48V DC.
Output Current	: 2.8 A
Max. Output power	: 100.8W
Power Factor	: 0.90
THD	: <15%
Case temperature(Tc)	: 100°C
Ambient Temperature	: -20 to 50°C
Over voltage protection	: Available
Short circuit Protection	: Available
No-Load Protection	: Available
Burst Protection Voltage	: 2KV
Surge Protection Voltage	: 1KV(L to N) &2KV(L/N to Earth)

Photometric details:

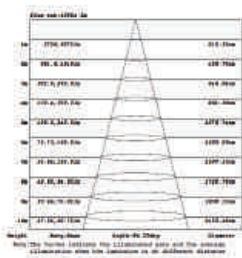
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Luminous Intensity distribution diagram
UFO 150W 6500K



Luminous Intensity distribution diagram
UFO 150W 6500K



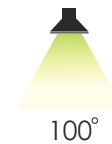
Luminous Intensity distribution diagram
UFO 150W 6500K

Control Gear Compatibility:

Control Gear is the driving unit of LED. UFO is compatible with Phase cut dimming and 1-10V/0-10V control gears.



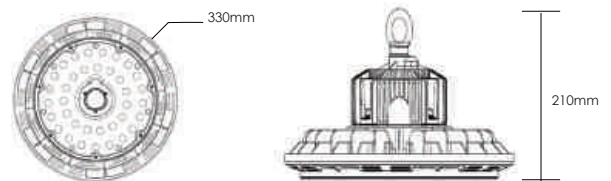
Optics and Beam Angle:



Add-on sensor Compatibility 

UFO is compatible with external add-on motion detection and daylight IP65 sensors.

Physical Dimensions:



Diameter : 330 mm
Height : 210 mm

Ordering Codes for Crossbow UFO 150W:

CCT	Code
3000K	629067150522
4000K	629067150542
5000K	629067150562
6500K	629067150582



CROSSBOW UFO

HBL-UFO-200-A

200W



-  Die cast Aluminium body
-  IP65 Luminaire
-  IP65 Control Gear
-  50,000 Hours Lifetime

Crossbow UFO is a high efficacy industrial high bay light that can be used widely in indoors and other industrial areas easy to suspend on the suspension hook. The luminaire offering a wide range of power and color temperatures and options like motion detection, timer, sleep and twilight function.

This range of products are popular for a wide range of application such as lighting in the Warehouse, Manufacturing units, Public Halls, Indoor stadium, Exhibition centres etc.

Luminaire Details:

Product Name	: Crossbow UFO
Product Type	: LED Highbay Light
Product code	: HBL-UFO-200-A
Efficiency Classification	: Class A
Luminaire Type	: SMD
Fixture Type	: Suspension type

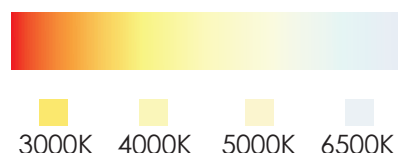
Light Source Details:

Light Emission	: Area Emission
Source brand	: Cree
Rated Power	: 200W
CRI	: >80
UGR	: <19
McAdam Binning	: Step 5

Luminaire Housing:

Body	: Die cast Aluminium
Reflector type	: Nil
Lens/Glass	: Polycarbonate Diffused Lens
Storage Temperature (Ts)	: -30 to 60 C
Ambient Temperature (Ta)	: -20 to 55°C
Humidity	: RH 10-90%

Correlated Color Temperature



CCT	Rated Lumens
3000K	27997 lms
4000K	28015 lms
5000K	28024 ms
6500K	28030 lms

5 Years Product Warranty

Made In U.A.E

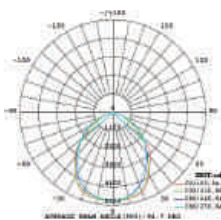


Control Gear Specifications:

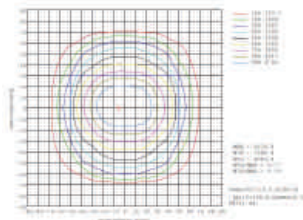
Control Gear Brand	: MeanWell
Input Voltage	: 100-265V AC
Input Current	: 0.75A
Frequency	: 50-60Hz
Output Voltage	: 36V DC.
Output Current	: 5.5 A
Max. Output power	: 200W
Power Factor	: 0.90
THD	: <15%
Case temperature(Tc)	: 100°C
Ambient Temperature	: -20 to 50°C
Over voltage protection	: Available
Short circuit Protection	: Available
No-Load Protection	: Available
Burst Protection Voltage	: 2KV
Surge Protection Voltage	: 1KV(L to N) &2KV(L/N to Earth)

Photometric details:

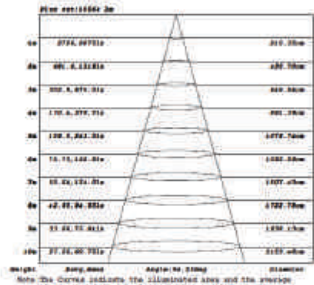
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Luminous Intensity distribution diagram UFO :



Luminous Intensity distribution diagram



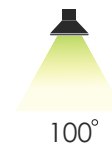
Luminous Intensity distribution diagram UFO 200W 6500K

Control Gear Compatibility:

Control Gear is the driving unit of LED. UFO is compatible with Phase cut dimming and 1-10V/0-10V control gears.



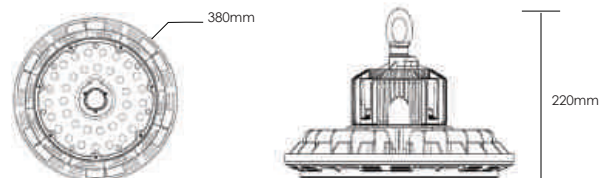
Optics and Beam Angle:



Add-on sensor Compatibility

UFO is compatible with external add-on motion detection and daylight IP65 sensors.

Physical Dimensions:



Diameter : 380 mm
Height : 220 mm

Ordering Codes for Crossbow UFO 200W:

CCT	Code
3000K	629067200522
4000K	629067200542
5000K	629067200562
6500K	629067200582



CROSSBOW UFO

HBL-UFO-240-A

240W



Body color

 Die cast Aluminium body
  IP65 Luminaire
  IP65 Control Gear
  50,000 Hours Lifetime

Crossbow UFO is a high efficacy industrial high bay light that can be used widely in indoors and other industrial areas easy to suspend on the suspension hook. The luminaire offering a wide range of power and color temperatures and options like motion detection, timer, sleep and twilight function.

This range of products are popular for a wide range of application such as lighting in the Warehouse, Manufacturing units, Public Halls, Indoor stadium, Exhibition centres etc.

Luminaire Details:

Product Name : Crossbow UFO
 Product Type : LED Highbay Light
 Product code : HBL-UFO-240-A
 Efficiency Classification : Class A
 Luminaire Type : SMD
 Fixture Type : Suspension type

Light Source Details:

Light Emission : Area Emission
 Source brand : Cree
 Rated Power : 240W
 CRI : >80
 UGR : <19
 McAdam Binning : Step 5

Luminaire Housing:

Body : Die cast Aluminium
 Reflector type : Nil
 Lens/Glass : Polycarbonate Diffused Lens
 Storage Temperature (Ts) : -30 to 60 C
 Ambient Temperature (Ta) : -20 to 55°C
 Humidity : RH 10-90%





Correlated Color Temperature



 3000K
  4000K
  5000K
  6500K

CCT

Rated Lumens

 3000K	33589 lms
 4000K	33602 lms
 5000K	33612 ms
 6500K	33621 lms

5 Years Product Warranty

Made In U.A.E

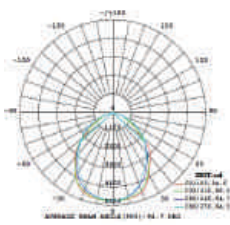


Control Gear Specifications:

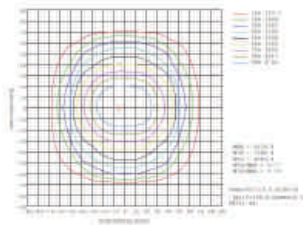
Control Gear Brand	: MeanWell
Input Voltage	: 100-265V AC
Input Current	: 0.75A
Frequency	: 50-60Hz
Output Voltage	: 48V DC.
Output Current	: 5A
Max. Output power	: 240W
Power Factor	: 0.90
THD	: <15%
Case temperature(Tc)	: 100°C
Ambient Temperature	: -20 to 50°C
Over voltage protection	: Available
Short circuit Protection	: Available
No-Load Protection	: Available
Burst Protection Voltage	: 2KV
Surge Protection Voltage	: 1KV(L to N) &2KV(L/N to Earth)

Photometric details:

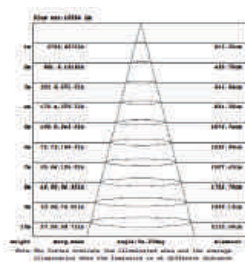
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Luminous Intensity distribution diagram
UFO 240W 6500K



Luminous Intensity distribution diagram
UFO 240W 6500K



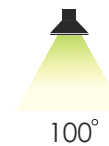
Luminous Intensity distribution diagram
UFO 240W 6500K

Control Gear Compatibility:

Control Gear is the driving unit of LED. UFO is compatible with Phase cut dimming and 1-10V/0-10V control gears.



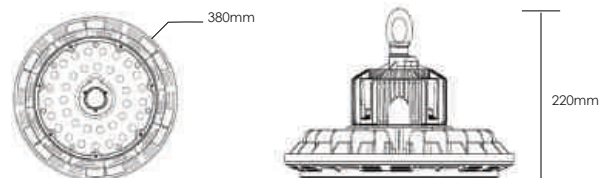
Optics and Beam Angle:



Add-on sensor Compatibility 

UFO is compatible with external add-on motion detection and daylight IP65 sensors.

Physical Dimensions:



Diameter : 380 mm
Height : 220 mm

Ordering Codes for Crossbow UFO 200W:

CCT	Code
3000K	629067240522
4000K	629067240542
5000K	629067240562
6500K	629067240582



EXTERNAL LIGHTING



LED FLOOD LIGHTS

PACIFIC NIO | CIVIC E






PACIFIC NIO

FLDN-LD-50-A

50W



 Luminaire Shape

 Body color

 Die cast Aluminium body  IP65 Luminaire  IP65 Control Gear  50,000 Hours Lifetime

Pacific Nio is a high efficacy aluminium flood light that can be used widely in outdoors, easy to mount on the pole/surface with its inbuilt brackets. The luminaire offering a wide range of power and color temperatures and options like motion detection, timer, sleep and twilight function.

This range of products are popular for a wide range of application such as Stadium Lighting, Architectural Lighting, Landscape Lighting and Spot venue lighting.

Luminaire Details:

Product Name : Pacific Nio
 Product Type : LED Flood Light
 Product code : FLDN-LD-50-A
 Efficiency Classification : Class B
 Luminaire Type : SMD
 Fixture Type : Adjustable Luminaire

Light Source Details:

Light Emission : Area Emission
 Source brand : Cree
 Rated Power : 50W
 CRI : >80
 UGR : <19
 McAdam Binning : Step 5

Luminaire Housing:





Body : Die cast Aluminium
 Reflector type : Aluminium plate reflector
 Lens/Glass : Tempered glass
 Storage Temperature (Ts) : -30 to 60 C
 Ambient Temperature (Ta) : -20 to 50°C
 Humidity : RH 10-90%

Correlated Color Temperature



 3000K  4000K  5000K  6500K

CCT Rated Lumens

CCT	Rated Lumens
 3000K	6967 lms
 4000K	6988 lms
 5000K	6993 ms
 6500K	7011 lms

5 Years Product Warranty

Made In U.A.E

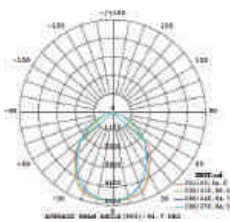


Control Gear Specifications:

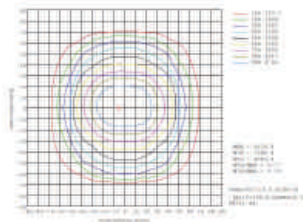
Control Gear Brand	: Hansa Green
Input Voltage	: 100-265V AC
Input Current	: 0.75A
Frequency	: 50-60Hz
Output Voltage	: 20-36V DC.
Output Current	: 1.4A
Max. Output power	: 50.4W
Power Factor	: 0.90
THD	: <15%
Case temperature(Tc)	: 100°C
Ambient Temperature	: -20 to 50°C
Over voltage protection	: Available
Short circuit Protection	: Available
No-Load Protection	: Available
Burst Protection Voltage	: 2KV
Surge Protection Voltage	: 1KV(L to N) &2KV(L/N to Earth)

Photometric details:

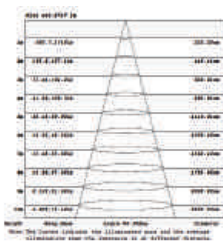
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Luminous Intensity distribution diagram Pacific Nio 50W 6500K



Luminous Intensity distribution diagram Pacific Nio 50W 6500K



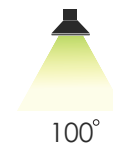
Luminous Intensity distribution diagram Pacific Nio 50W 6500K

Control Gear Compatibility:

Control Gear is the driving unit of LED. Nio is compatible with 0-10V/1-10V dimming and DALI Dimming control gears.



Optics and Beam Angle:

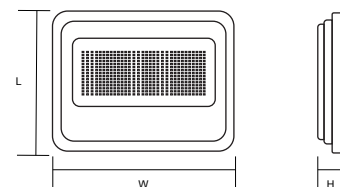


Add-on sensor Compatibility



Pacific nio is compatible with external add-on motion detection and daylight IP65 sensors.

Physical Dimensions:



Length	: 270 mm
Width	: 280 mm
Height	: 75 mm

Ordering Codes for Pacific Nio 50W:

CCT	Code
3000K	629069050522
4000K	629069050542
5000K	629069050562
6500K	629069050582



PACIFIC NIO

FLDN-LD-100-A

100W



 Luminaire Shape

 Body color

 Die cast Aluminium body  IP65 Luminaire  IP65 Control Gear  50,000 Hours Lifetime

Pacific Nio is a high efficacy aluminium flood light that can be used widely in outdoors, easy to mount on the pole/surface with its inbuilt brackets. The luminaire offering a wide range of power and color temperatures and options like motion detection, timer, sleep and twilight function.

This range of products are popular for a wide range of application such as Stadium Lighting, Architectural Lighting, Landscape Lighting and Spot venue lighting.

Luminaire Details:

Product Name	: Pacific Nio
Product Type	: LED Flood Light
Product code	: FLDN-LD-100-A
Efficiency Classification	: Class B
Luminaire Type	: SMD
Fixture Type	: Adjustable Luminaire

Light Source Details:

Light Emission	: Area Emission
Source brand	: Cree
Rated Power	: 100W
CRI	: >80
UGR	: <19
McAdam Binning	: Step 5





Luminaire Housing:

Body	: Die cast Aluminium
Reflector type	: Aluminium plate reflector
Lens/Glass	: Tempered glass
Storage Temperature (Ts)	: -30 to 60 C
Ambient Temperature (Ta)	: -20 to 50°C
Humidity	: RH 10-90%

Correlated Color Temperature



 3000K  4000K  5000K  6500K

CCT	Rated Lumens
 3000K	13987 lms
 4000K	13995 lms
 5000K	14009 ms
 6500K	14019 lms

5 Years Product Warranty

Made In U.A.E

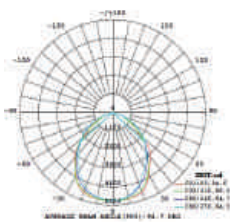


Control Gear Specifications:

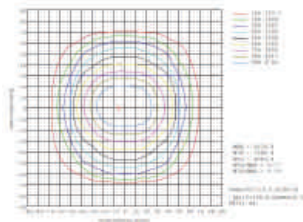
Control Gear Brand	: Hansa Green
Input Voltage	: 100-265V AC
Input Current	: 0.75A
Frequency	: 50-60Hz
Output Voltage	: 20-36V DC.
Output Current	: 2.8 A
Max. Output power	: 100.8W
Power Factor	: 0.90
THD	: <15%
Case temperature(Tc)	: 100°C
Ambient Temperature	: -20 to 50°C
Over voltage protection	: Available
Short circuit Protection	: Available
No-Load Protection	: Available
Burst Protection Voltage	: 2KV
Surge Protection Voltage	: 1KV(L to N) &2KV(L/N to Earth)

Photometric details:

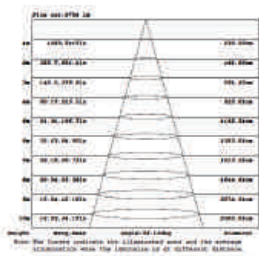
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Luminous Intensity distribution diagram Pacific Nio 100W 6500K



Luminous Intensity distribution diagram Pacific Nio 100W 6500K



Luminous Intensity distribution diagram Pacific Nio 100W 6500K

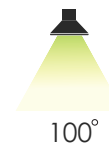
Control Gear Compatibility:

Control Gear is the driving unit of LED. Nio is compatible with 0-10V/1-10V dimming and DALI Dimming control gears.

0-10V

DALI

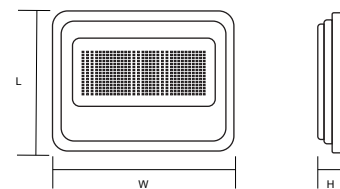
Optics and Beam Angle:



Add-on sensor Compatibility 

Pacific nio is compatible with external add-on motion detection and daylight IP65 sensors.

Physical Dimensions:



Length	: 300 mm
Width	: 280 mm
Height	: 75 mm

Ordering Codes for Pacific Nio 100W:

CCT	Code
3000K	629069100522
4000K	629069100542
5000K	629069100562
6500K	629069100582



PACIFIC NIO

FLDN-LD-150-A

150W



 Luminaire Shape

 Body color

 Die cast Aluminium body  IP65 Luminaire  IP65 Control Gear  50,000 Hours Lifetime

Pacific Nio is a high efficacy aluminium flood light that can be used widely in outdoors, easy to mount on the pole/surface with its inbuilt brackets. The luminaire offering a wide range of power and color temperatures and options like motion detection, timer, sleep and twilight function.

This range of products are popular for a wide range of application such as Stadium Lighting, Architectural Lighting, Landscape Lighting and Spot venue lighting.

Luminaire Details:

Product Name : Pacific Nio
 Product Type : LED Flood Light
 Product code : FLDN-LD-150-A
 Efficiency Classification : Class B
 Luminaire Type : SMD
 Fixture Type : Adjustable Luminaire

Light Source Details:

Light Emission : Area Emission
 Source brand : Cree
 Rated Power : 150W
 CRI : >80
 UGR : <19
 McAdam Binning : Step 5

Luminaire Housing:





Body : Die cast Aluminium
 Reflector type : Aluminium plate reflector
 Lens/Glass : Tempered glass
 Storage Temperature (Ts) : -30 to 60 C
 Ambient Temperature (Ta) : -20 to 50°C
 Humidity : RH 10-90%

Correlated Color Temperature



 3000K  4000K  5000K  6500K

CCT Rated Lumens

CCT	Rated Lumens
 3000K	20932 lms
 4000K	20941 lms
 5000K	20960 ms
 6500K	20982 lms

5 Years Product Warranty

Made In U.A.E

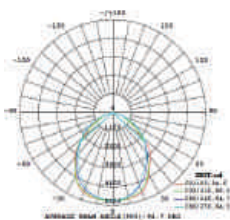


Control Gear Specifications:

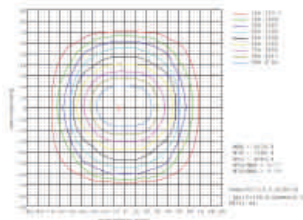
Control Gear Brand	: Hansa Green
Input Voltage	: 100-265V AC
Input Current	: 0.75A
Frequency	: 50-60Hz
Output Voltage	: 20-36V DC.
Output Current	: 4.2A
Max. Output power	: 151.2W
Power Factor	: 0.90
THD	: <15%
Case temperature(Tc)	: 100°C
Ambient Temperature	: -20 to 50°C
Over voltage protection	: Available
Short circuit Protection	: Available
No-Load Protection	: Available
Burst Protection Voltage	: 2KV
Surge Protection Voltage	: 1KV(L to N) &2KV(L/N to Earth)

Photometric details:

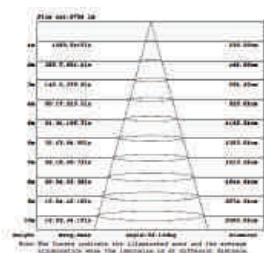
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Luminous Intensity distribution diagram Pacific Nio 150W 6500K



Luminous Intensity distribution diagram Pacific Nio 150W 6500K



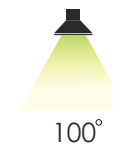
Luminous Intensity distribution diagram Pacific Nio 150W 6500K

Control Gear Compatibility:

Control Gear is the driving unit of LED. Nio is compatible with 0-10V/1-10V dimming and DALI Dimming control gears.



Optics and Beam Angle:

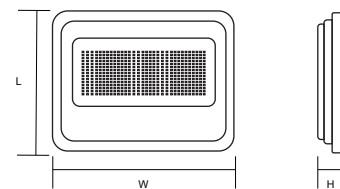


Add-on sensor Compatibility



Pacific nio is compatible with external add-on motion detection and daylight IP65 sensors.

Physical Dimensions:



Length	: 365 mm
Width	: 335 mm
Height	: 85 mm

Ordering Codes for Pacific Nio 150W:

CCT	Code
3000K	629069150522
4000K	629069150542
5000K	629069150562
6500K	629069150582



PACIFIC NIO

FLDN-LD-200-A

200W



 Luminaire Shape

 Body color

 Die cast Aluminium body  IP65 Luminaire  IP65 Control Gear  50,000 Hours Lifetime

Pacific Nio is a high efficacy aluminium flood light that can be used widely in outdoors, easy to mount on the pole/surface with its inbuilt brackets. The luminaire offering a wide range of power and color temperatures and options like motion detection, timer, sleep and twilight function.

This range of products are popular for a wide range of application such as Stadium Lighting, Architectural Lighting, Landscape Lighting and Spot venue lighting.

Luminaire Details:

Product Name : Pacific Nio
 Product Type : LED Flood Light
 Product code : FLDN-LD-200-A
 Efficiency Classification : Class B
 Luminaire Type : SMD
 Fixture Type : Adjustable Luminaire

Light Source Details:

Light Emission : Area Emission
 Source brand : Cree
 Rated Power : 200W
 CRI : >80
 UGR : <19
 McAdam Binning : Step 5





Luminaire Housing:

Body : Die cast Aluminium
 Reflector type : Aluminium plate reflector
 Lens/Glass : Tempered glass
 Storage Temperature (Ts) : -30 to 60 C
 Ambient Temperature (Ta) : -20 to 50°C
 Humidity : RH 10-90%

Correlated Color Temperature



 3000K  4000K  5000K  6500K

CCT	Rated Lumens
 3000K	27986 lms
 4000K	27994 lms
 5000K	28007 ms
 6500K	28019 lms

5 Years Product Warranty

Made In U.A.E

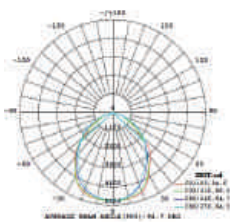


Control Gear Specifications:

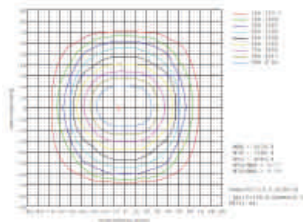
Control Gear Brand	: Hansa Green
Input Voltage	: 100-265V AC
Input Current	: 0.75A
Frequency	: 50-60Hz
Output Voltage	: 20-36V DC.
Output Current	: 5.6A
Max. Output power	: 201.6W
Power Factor	: 0.90
THD	: <15%
Case temperature(Tc)	: 100°C
Ambient Temperature	: -20 to 50°C
Over voltage protection	: Available
Short circuit Protection	: Available
No-Load Protection	: Available
Burst Protection Voltage	: 2KV
Surge Protection Voltage	: 1KV(L to N) &2KV(L/N to Earth)

Photometric details:

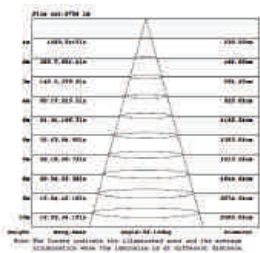
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Luminous Intensity distribution diagram Pacific Nio 200W 6500K



Luminous Intensity distribution diagram Pacific Nio 200W 6500K



Luminous Intensity distribution diagram Pacific Nio 200W 6500K

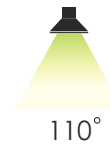
Control Gear Compatibility:

Control Gear is the driving unit of LED. Nio is compatible with 0-10V/1-10V dimming and DALI Dimming control gears.

0-10V

DALI

Optics and Beam Angle:

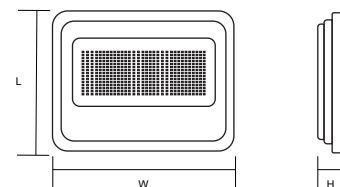


Add-on sensor Compatibility



Pacific nio is compatible with external add-on motion detection and daylight IP65 sensors.

Physical Dimensions:



Length	: 434 mm
Width	: 403 mm
Height	: 90 mm

Ordering Codes for Pacific Nio 200W:

CCT	Code
3000K	629069200522
4000K	629069200542
5000K	629069200562
6500K	629069200582



CIVIC E

CVE-FLD-50-A

50W


 Luminaire Shape

 Body color

 Aluminium Extrusion body
  IP65 Luminaire
  IP65 Control Gear
  50,000 Hours Lifetime

Civic E is a rugged alluminum high efficacy flood light that can be used widely in outdoors, easy to mount on the pole with it in brackets. The luminaire offering a wide range of power and color tempratures and options like motion detection, timer, sleep and twilight function.

This range of products are popular for a wide range of application such us Stadium Lighting, Architectural Lighting, Landscape Lighting and Spot venue lighting.

Luminaire Details:

Product Name : Civic E
 Product Type : LED Flood Light
 Product code : CVE-FLD-50-A
 Efficiency Classification : Class B
 Luminaire Type : SMD
 Fixture Type : Adjustable Luminaire

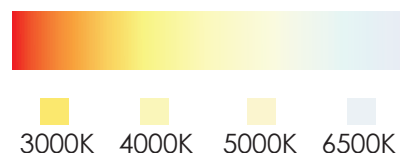
Light Source Details:

Light Emission : Area Emission
 Source brand : Cree
 Rated Power : 50W
 CRI : >80
 UGR : <19
 McAdam Binning : Step 5

Luminaire Housing:





Body : Rugged Aluminium Extrusion
 Reflector type : Nil
 Lens : Poly Carbonate Diffused Lens
 Storage Temperature (Ts) : -30 to 60 C
 Ambient Temperature (Ta) : -20 to 50°C
 Humidity : RH 10-90%

Correlated Color Temperature



CCT

Rated Lumens

 3000K	6989 lms
 4000K	6998 lms
 5000K	7012 lms
 6500K	7023 lms

5 Years Product Warranty

Made In U.A.E

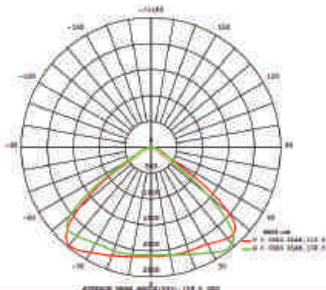


Control Gear Specifications:

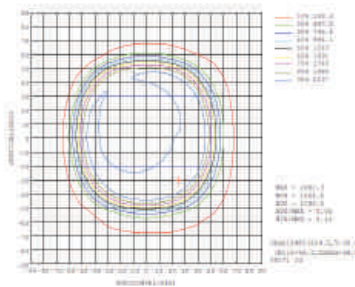
Control Gear Brand	: MeanWell
Input Voltage	: 100-240V AC
Input Current	: 1.7A
Frequency	: 50-60Hz
Output Voltage	: 36V DC Max.
Output Current	: 1.8 A
Max. Output power	: 151.2 W
Power Factor	: 0.90
THD	: <20%
Case temperature(Tc)	: 100°C
Ambient Temperature	: -20 to 60°C
Over voltage protection	: Available
Short circuit Protection	: Available
No-Load Protection	: Available
Burst Protection Voltage	: 2KV
Surge Protection Voltage	: 4KV(L to N) & 4KV(L/N to Earth)

Photometric details:

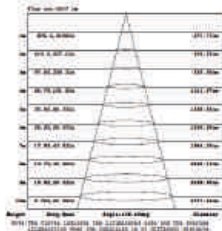
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Luminous Intensity distribution diagram
Civic E 50W 6500K



Isocandela distribution diagram
Civic E 50W 6500K



AAI Figure Civic E 50W 6500K

Ordering Codes for Civic E 50W:

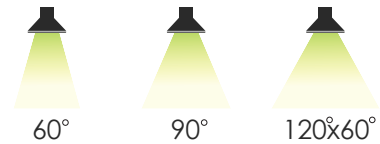
CCT	Code
3000K	629027050525
4000K	629027050545
5000K	629027050565
6500K	629027050585

Control Gear Compatibility:

Control Gear is the driving unit of LED. Civic is compatible with 0-10V/1-10V dimming and DALI Dimming control gears.



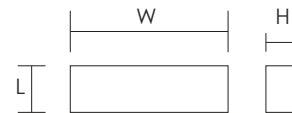
Optics and Beam Angle:



Add-on sensor Compatibility

Civic E is compatible with external add-on motion detection and daylight IP65 sensors.

Physical Dimensions:



Length	: 85 mm
Width	: 285 mm
Height	: 60 mm




CIVIC E

CVE-FLD-100-A

100W



 Luminaire Shape

 Body color

 Aluminium Extrusion body
  IP65 Luminaire
  IP65 Control Gear
  50,000 Hours Lifetime

Civic E is a rugged alluminum high efficacy flood light that can be used widely in outdoors, easy to mount on the pole with it in brackets. The luminaire offering a wide range of power and color tempratures and options like motion detection, timer, sleep and twilight function.

This range of products are popular for a wide range of application such us Stadium Lighting, Architectural Lighting, Landscape Lighting and Spot venue lighting.

Luminaire Details:

Product Name : Civic E
 Product Type : LED Flood Light
 Product code : CVE-FLD-100-A
 Efficiency Classification : Class B
 Luminaire Type : SMD
 Fixture Type : Adjustable Luminaire

Light Source Details:

Light Emission : Area Emission
 Source brand : Cree
 Rated Power : 100W
 CRI : >80
 UGR : <19
 McAdam Binning : Step 5

Luminaire Housing:

Body : Rugged Aluminium Extrusion
 Reflector type : Nil
 Lens : Poly Carbonate Diffused Lens
 Storage Temperature (Ts) : -30 to 60 C
 Ambient Temperature (Ta) : -20 to 50°C
 Humidity : RH 10-90%





Correlated Color Temperature



 3000K
  4000K
  5000K
  6500K

CCT

Rated Lumens

 3000K	13989 lms
 4000K	13999 lms
 5000K	14006 ms
 6500K	14017 lms

5 Years Product Warranty

Made In U.A.E

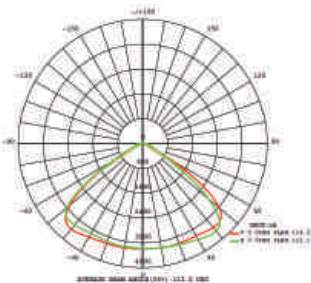


Control Gear Specifications:

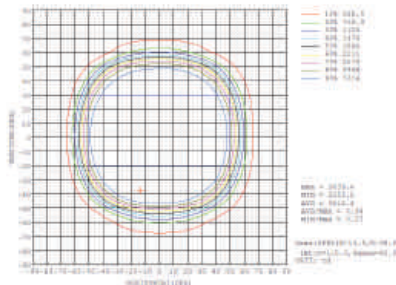
Control Gear Brand	: MeanWell
Input Voltage	: 100-240V AC
Input Current	: 1.7A
Frequency	: 50-60Hz
Output Voltage	: 36V DC Max.
Output Current	: 4.2A
Max. Output power	: 151.2 W
Power Factor	: 0.90
THD	: <20%
Case temperature(Tc)	: 100°C
Ambient Temperature	: -20 to 60°C
Over voltage protection	: Available
Short circuit Protection	: Available
No-Load Protection	: Available
Burst Protection Voltage	: 2KV
Surge Protection Voltage	: 4KV(L to N) & 4KV(L/N to Earth)

Photometric details:

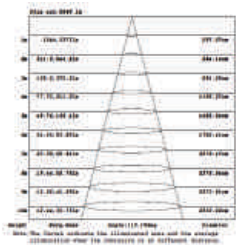
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Luminous Intensity distribution diagram
Civic E 100W 6500K



Isocandela distribution diagram
Civic E 100W 6500K



AAI Figure Civic E 100W 6500K

Ordering Codes for Civic E 100W:

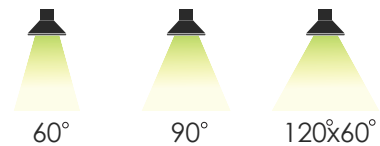
CCT	Code
3000K	629027100525
4000K	629027100545
5000K	629027100565
6500K	629027100585

Control Gear Compatibility:

Control Gear is the driving unit of LED. Civic is compatible with 0-10V/1-10V dimming and DALI Dimming control gears.



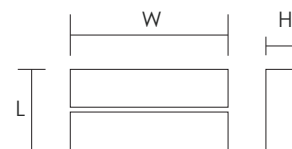
Optics and Beam Angle:



Add-on sensor Compatibility

Civic E is compatible with external add-on motion detection and daylight IP65 sensors.

Physical Dimensions:



Length	: 170 mm
Width	: 285 mm
Height	: 60 mm




CIVIC E

CVE-FLD-150-A

150W


 Luminaire Shape

 Body color

 Aluminium Extrusion body
  IP65 Luminaire
  IP65 Control Gear
  50,000 Hours Lifetime

Civic E is a rugged alluminum high efficacy flood light that can be used widely in outdoors, easy to mount on the pole with it in brackets. The luminaire offering a wide range of power and color tempratures and options like motion detection, timer, sleep and twilight function.

This range of products are popular for a wide range of application such us Stadium Lighting, Architectural Lighting, Landscape Lighting and Spot venue lighting.

Luminaire Details:

Product Name : Civic E
 Product Type : LED Flood Light
 Product code : CVE-FLD-150-A
 Efficiency Classification : Class A
 Luminaire Type : SMD
 Fixture Type : Adjustable Luminaire

Light Source Details:

Light Emission : Area Emission
 Source brand : Cree
 Rated Power : 150W
 CRI : >80
 UGR : <19
 McAdam Binning : Step 5

Luminaire Housing:

Body : Rugged Aluminium Extrusion
 Reflector type : Nil
 Lens : Poly Carbonate Diffused Lens
 Storage Temperature (Ts) : -30 to 60 C
 Ambient Temperature (Ta) : -20 to 50°C
 Humidity : RH 10-90%





Correlated Color Temperature



 3000K
  4000K
  5000K
  6500K

CCT

Rated Lumens

 3000K	20940 lms
 4000K	20971 lms
 5000K	20980 ms
 6500K	20992 lms

5 Years Product Warranty

Made In U.A.E

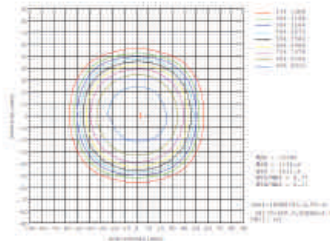


Control Gear Specifications:

Control Gear Brand	: MeanWell
Input Voltage	: 100-240V AC
Input Current	: 1.7A
Frequency	: 50-60Hz
Output Voltage	: 36V DC Max.
Output Current	: 4.2A
Max. Output power	: 151.2 W
Power Factor	: 0.90
THD	: <20%
Case temperature(Tc)	: 100°C
Ambient Temperature	: -20 to 60°C
Over voltage protection	: Available
Short circuit Protection	: Available
No-Load Protection	: Available
Burst Protection Voltage	: 2KV
Surge Protection Voltage	: 4KV(L to N) & 4KV(L/N to Earth)

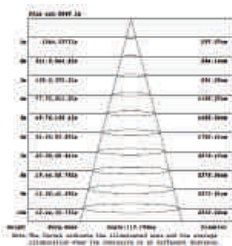
Photometric details:

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Isocandela distribution diagram
Civic E 100W 6500K

Luminous Intensity distribution diagram
Civic E 150W 6500K



AAI Figure Civic E 150W 6500K

Ordering Codes for Civic E 150W:

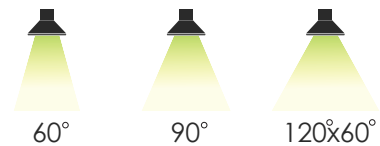
CCT	Code
3000K	629027150525
4000K	629027150545
5000K	629027150565
6500K	629027150585

Control Gear Compatibility:

Control Gear is the driving unit of LED. Civic is compatible with 0-10V/1-10V dimming and DALI Dimming control gears.



Optics and Beam Angle:

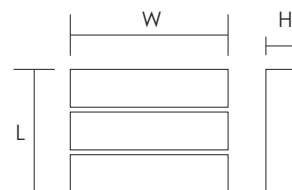


Add-on sensor Compatibility



Civic E is compatible with external add-on motion detection and daylight IP65 sensors.

Physical Dimensions:



Length	: 255 mm
Width	: 285 mm
Height	: 60 mm




CIVIC E

CVE-FLD-200-A

200W



 Luminaire Shape

 Body color

 Aluminium Extrusion body
  IP65 Luminaire
  IP65 Control Gear
  50,000 Hours Lifetime

Civic E is a rugged Alluminum Flood light that can be used widely in outdoors, easy to mount on the pole with it in brackets. The luminaire offering a wide range of power and color tempratures and options like motion detection, timer, sleep and twilight function.

This range of products are popular for a wide range of application such us Stadium Lighting, Architectural Lighting, Landscape Lighting and Spot venue lighting.

Luminaire Details:

Product Name : Civic E
 Product Type : LED Flood Light
 Product code : CVE-FLD-200-A
 Efficiency Classification : Class A
 Luminaire Type : SMD
 Fixture Type : Adjustable Luminaire

Light Source Details:

Light Emission : Area Emission
 Source brand : Cree
 Rated Power : 200W
 CRI : >80
 UGR : <19
 McAdam Binning : Step 5

Luminaire Housing:

Body : Rugged Aluminium Extrusion
 Reflector type : Nil
 Lens : Poly Carbonate Diffused Lens
 Storage Temperature (Ts) : -30 to 60 C
 Ambient Temperature (Ta) : -20 to 50°C
 Humidity : RH 10-90%

Correlated Color Temperature



 3000K
  4000K
  5000K
  6500K

CCT

Rated Lumens

 3000K	27740 lms
 4000K	27762 lms
 5000K	27768 ms
 6500K	27786 lms

5 Years Product Warranty

Made In U.A.E

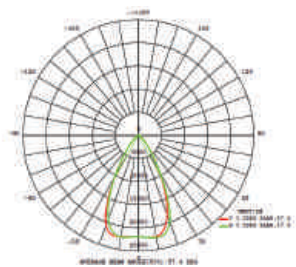


Control Gear Specifications:

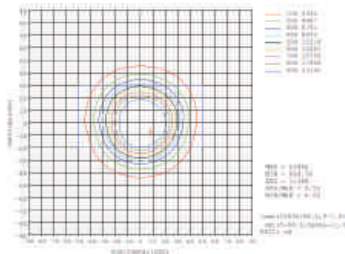
Control Gear Brand	: MeanWell
Input Voltage	: 100-240V AC
Input Current	: 4 A
Frequency	: 50-60Hz
Output Voltage	: 36V DC Max.
Output Current	: 6.7 A
Max. Output power	: 241.2 W
Power Factor	: 0.90
THD	: <20%
Case temperature(Tc)	: 100°C
Ambient Temperature	: -20 to 60°C
Over voltage protection	: Available
Short circuit Protection	: Available
No-Load Protection	: Available
Burst Protection Voltage	: 2KV
Surge Protection Voltage	: 4KV(L to N) & 4KV(L/N to Earth)

Photometric details:

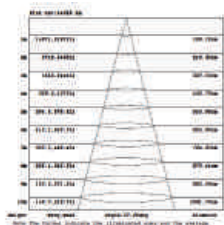
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Luminous Intensity distribution diagram
Civic E 200W 6500K



Isocandela distribution diagram
Civic E 200W 6500K



AAI Figure Civic E 200W 6500K

Ordering Codes for Civic E 200W:

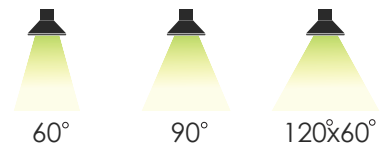
CCT	Code
3000K	629027200525
4000K	629027200545
5000K	629027200565
6500K	629027200585

Control Gear Compatibility:

Control Gear is the driving unit of LED. Civic is compatible with 0-10V/1-10V dimming and DALI Dimming control gears.



Optics and Beam Angle:

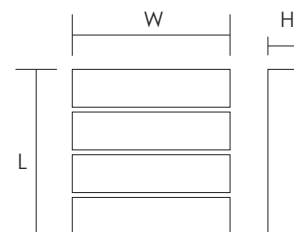


Add-on sensor Compatibility



Civic E is compatible with external add-on motion detection and daylight IP65 sensors.

Physical Dimensions:



Length	: 340 mm
Width	: 285 mm
Height	: 60 mm



CIVIC E

CVE-FLD-250-A

250W



 Luminaire Shape

 Body color

 Aluminium Extrusion body  IP65 Luminaire  IP65 Control Gear  50,000 Hours Lifetime

Civic E is a rugged alluminum high efficacy flood light that can be used widely in outdoors, easy to mount on the pole with it in brackets. The luminaire offering a wide range of power and color tempratures and options like motion detection, timer, sleep and twilight function.

This range of products are popular for a wide range of application such us Stadium Lighting, Architectural Lighting, Landscape Lighting and Spot venue lighting.

Luminaire Details:

Product Name : Civic E
 Product Type : LED Flood Light
 Product code : CVE-FLD-250-A
 Efficiency Classification : Class A
 Luminaire Type : SMD
 Fixture Type : Adjustable Luminaire

Light Source Details:

Light Emission : Area Emission
 Source brand : Cree
 Rated Power : 250W
 CRI : >80
 UGR : <19
 McAdam Binning : Step 5

Luminaire Housing:

Body : Rugged Aluminium Extrusion
 Reflector type : Nil
 Lens : Poly Carbonate Diffused Lens
 Storage Temperature (Ts) : -30 to 60 C
 Ambient Temperature (Ta) : -20 to 50°C
 Humidity : RH 10-90%





Correlated Color Temperature



 3000K  4000K  5000K  6500K

CCT

Rated Lumens

 3000K	34987 lms
 4000K	34992 lms
 5000K	35006 ms
 6500K	35016 lms

5 Years Product Warranty

Made In U.A.E



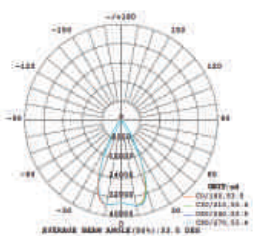
Control Gear Specifications:

Control Gear Brand	: MeanWell
Input Voltage	: 100-240V AC
Input Current	: 1.7A
Frequency	: 50-60Hz
Output Voltage	: 48V DC Max.
Output Current	: 5.4A
Max. Output power	: 260 W
Power Factor	: 0.90
THD	: <20%
Case temperature(Tc)	: 100°C
Ambient Temperature	: -20 to 60°C
Over voltage protection	: Available
Short circuit Protection	: Available
No-Load Protection	: Available
Burst Protection Voltage	: 2KV
Surge Protection Voltage	: 4KV(L to N) & 4KV(L/N to Earth)

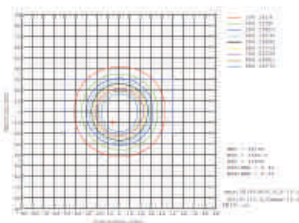
Photometric details:

Photometric Testing provides a comprehensive laboratory service for testing the amount, colour, quality and spatial distribution of light emitted from lamps, LEDs and luminaires. The standard photometric data files in IES (.ies) and EULUMDAT (.ldt) formats per IES LM 79-08 and BS EN 13032

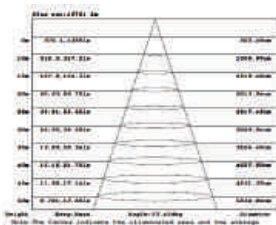
LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



Luminous Intensity distribution diagram
Civic E 250W 6500K



Isocandela distribution diagram
Civic E 250W 6500K



AAI Figure Civic E 250W 6500K

Ordering Codes for Civic E 250W:

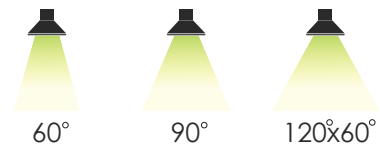
CCT	Code
3000K	629027250525
4000K	629027250545
5000K	629027250565
6500K	629027250585

Control Gear Compatibility:

Control Gear is the driving unit of LED. Civic is compatible with 0-10V/1-10V dimming and DALI Dimming control gears.



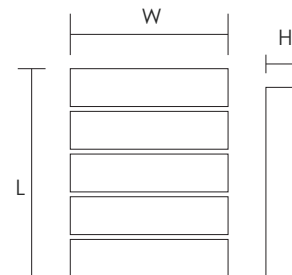
Optics and Beam Angle:



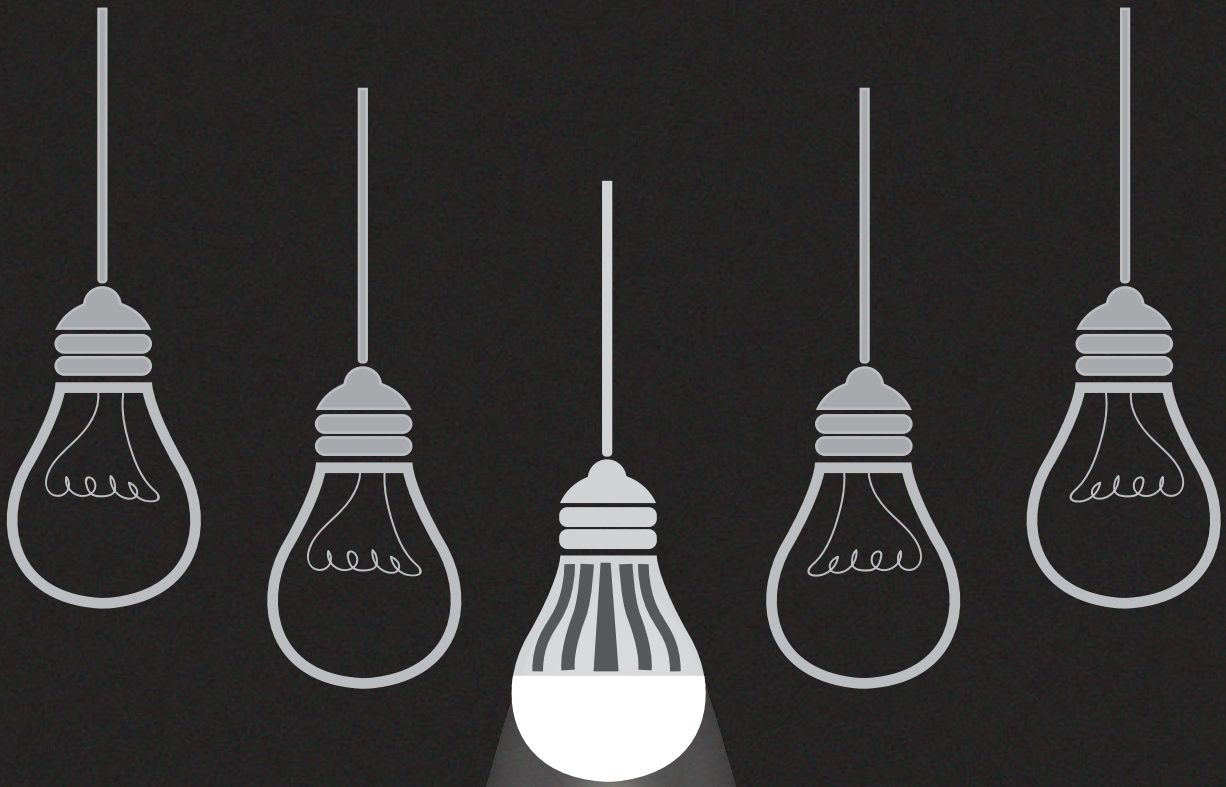
Add-on sensor Compatibility

Civic E is compatible with external add-on motion detection and daylight IP65 sensors.

Physical Dimensions:



Length	: 450 mm
Width	: 285 mm
Height	: 60 mm



Create the **difference**
Save **Energy!**
Switch to LED, Go **Green**



Hansagreen
LED

U.A.E Manufacturing Unit:
HANSA GREEN TECHNOLOGY FZC
P O Box 53688, Hamariyah Free Zone
Sharjah, U.A.E

India Manufacturing Unit:
HANSA GREEN TECHNOLOGY PVT. LTD.,
Plot #25, AMRL Hi-Tech City Limited-SEZ
Nanguneri Multi Product SEZ,
Nanguneri TK, Tirunelveli,
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