

CORVUS PRO

CVSP-PRJ-60W-XXXXK

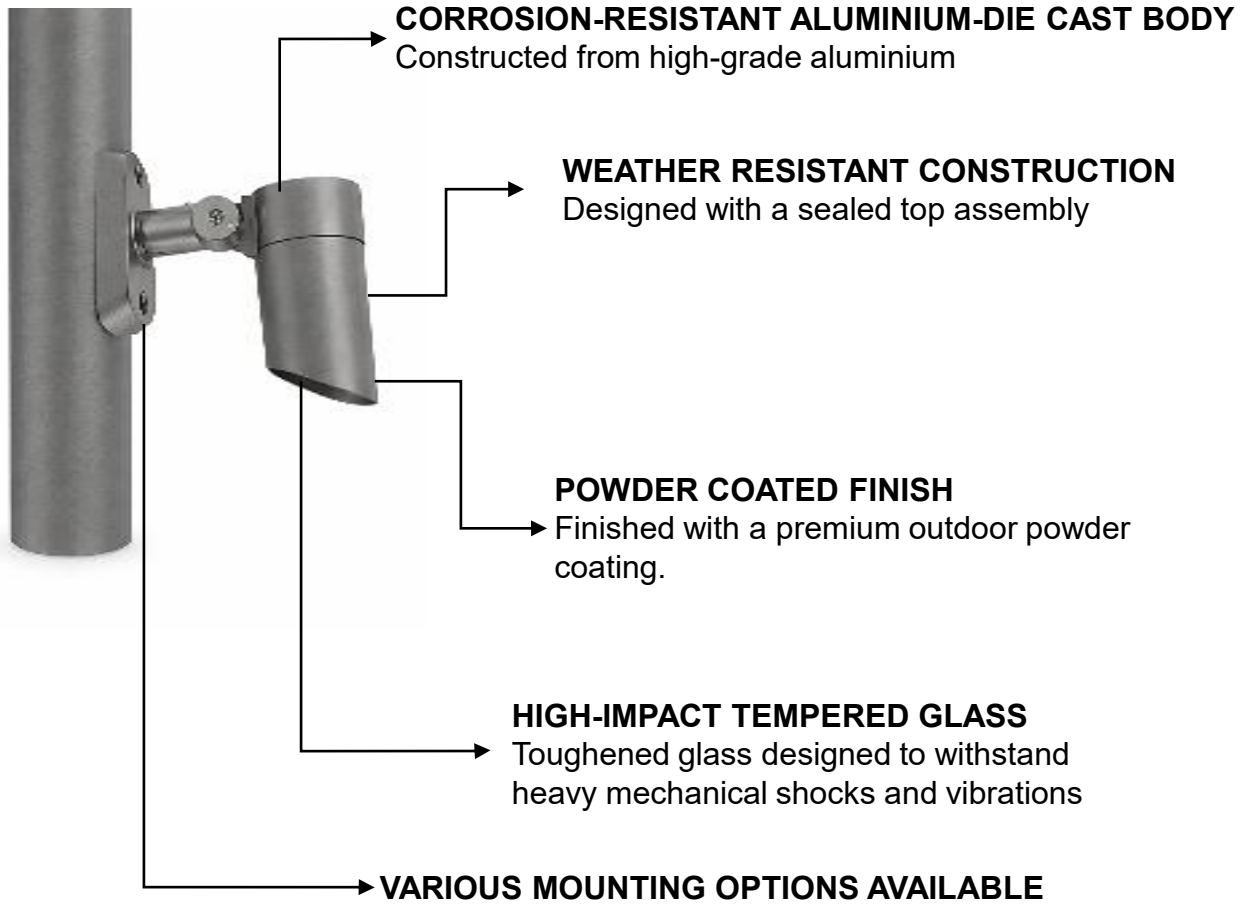
*Dark Sky
Logo*

CORVUS PRO

CVSP-PRJ-60W-XXXXK



PRODUCT HIGHLIGHTS



FEATURES



Thermal Management



Corrosion Resistance



Vibration Resistance



Easy Maintenance



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www.hansagreen.com

CORVUS PRO

CVSP-PRJ-60W-XXXXK

Dark Sky
Logo

Hansagreen
LED

DESCRIPTION

CORVUS PRO is a high-performance outdoor LED luminaire designed for precise directional lighting. Its compact, weather-resistant construction makes it ideal for façade, landscape, and architectural applications, featuring adjustable brackets with versatile wall and surface mounting options for flexible installation.



Conformity

CB



مجلس أبوظبي
للجودة والمطابقة
Abu Dhabi Quality &
Conformity Council

Compliant with

LM
79

LM
80

LM
82

TM
21

Tested for Safety



Salt
Spray



3G
Vibration



Photobiological
Safety

Insulation Class



Protection Class

IP
66

IK
10



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ORDERING CODE

CVSP-PRJ-60W-2700K-xx-xx-xxx

| PRODUCT NAME | CATEGORY | PRODUCT FAMILY | POWER | CCT | BODY COLOUR | CONTROL OPTIONS | ACCESSORIES |
|--------------|----------|----------------|-----------|-------|--------------|-----------------|----------------------------------|
| CVS | P | PRJ | XXW | XXXXK | xx | xx | xxx |
| CORVUS | PRO | PROJECTOR | UP TO 60W | 2700K | GR (GREY) | DA (DALI) | SUM SU (SURFACE) M (MOUNT) |
| | | | | 3000K | SP (SPECIAL) | 10V (1-10V) | SSM SS (SHORT STEM) M (MOUNT) |
| | | | | | | | PTM PT (POLE TOP) M (MOUNT) |
| | | | | | | | SPM SP (SIDE POLE) M (MOUNT) |
| | | | | | | | WAM WA (WALL) M (MOUNT) |
| | | | | | | | PCM PC (POLE CLAMP) M (MOUNT) |

Example: For the projector light model CORVUS PRO with a power rating of 60W, CCT 2700K, Grey body colour, 1-10V dimmable controller, Pole Top Mount will be CVSP-PRJ-60W-2700K-GR-10V-PTM

TECHNICAL SPECIFICATION

LUMINAIRE DETAILS

| | |
|-----------------------|--------------------|
| PRODUCT NAME | CORVUS PRO |
| PRODUCT TYPE | LED FLOOD LIGHT |
| PRODUCT CODE | CVSP-PRJ-60W-XXXXK |
| MAXIMUM HOUSING POWER | UP TO 60W |

HOUSING DETAILS

| | |
|---------------|--|
| BODY MATERIAL | CORROSION-RESISTANT ALUMINIUM DIE-CAST |
| LENS | REFLECTOR AND CLEAR GLASS |
| BODY COLOUR | GREY / SPECIAL |

CHIP DETAILS

| | |
|-----------------|---------------|
| LIGHT SOURCE | COB |
| AVAILABLE CCT | 2700K / 3000K |
| MACADAM BINNING | STEP 3 |
| CRI | ≥80 |





TECHNICAL SPECIFICATION

OPTICAL DETAILS

| | |
|----------------------------------|-------------------------|
| BEAM ANGLE | 44.4° |
| OPTICS | IES Type V (Very Short) |
| BUG RATING | B3-U0-G0 |
| ULOR (Upward Light Output Ratio) | 0% (U0 – Zero Uplight) |

LUMINAIRE PERFORMANCE

| | |
|----------------|--------------------------|
| LUMINAIRE FLUX | 5785 lm (@57.48W Tested) |
| EFFICACY | 100.65 lm/W |

ENVIRONMENTAL CONDITIONS

| | |
|--------------------------|----------------|
| AMBIENT TEMPERATURE (TA) | -20°C TO +50°C |
| HUMIDITY | RH 10–95% |

PROTECTION & DURABILITY

| | |
|-----------|------|
| IP RATING | IP66 |
| IK RATING | IK10 |

ELECTRICAL DETAILS

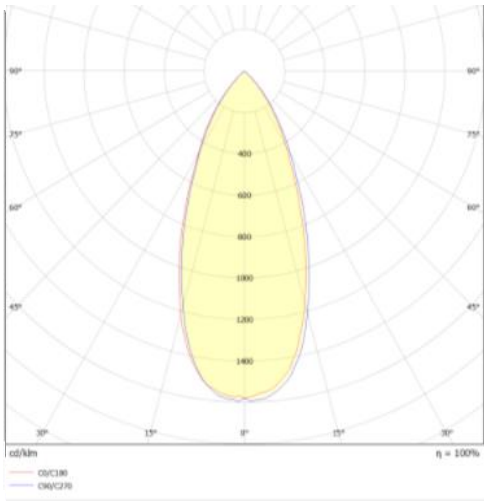
| | |
|--------------------|---------------------|
| NOMINAL VOLTAGE | 220-240 VAC |
| FREQUENCY` | 50/60 HZ |
| LED DRIVER CURRENT | 650 mA |
| POWER FACTOR | ≥0.90 |
| THD | ≤20% |
| RATED POWER | 60W |
| CONTROL OPTIONS | DALI, 1–10V DIMMING |



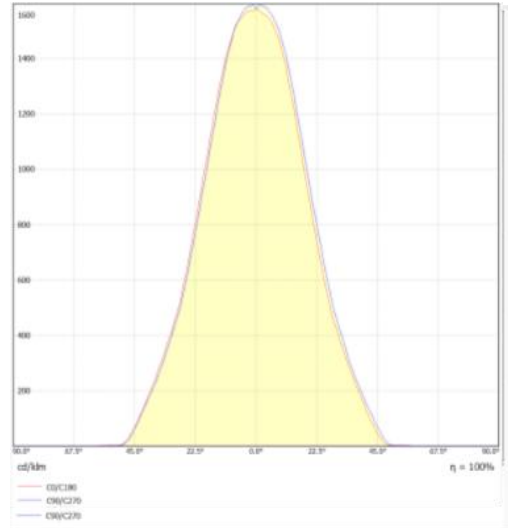


PHOTOMETRIC DETAILS

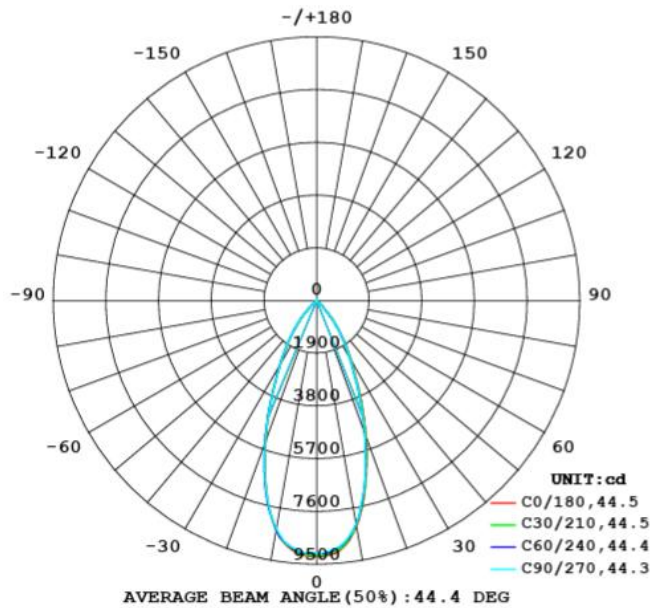
Polar Plot



Linear Plot



CVSP-PRJ-60W-XXXXK





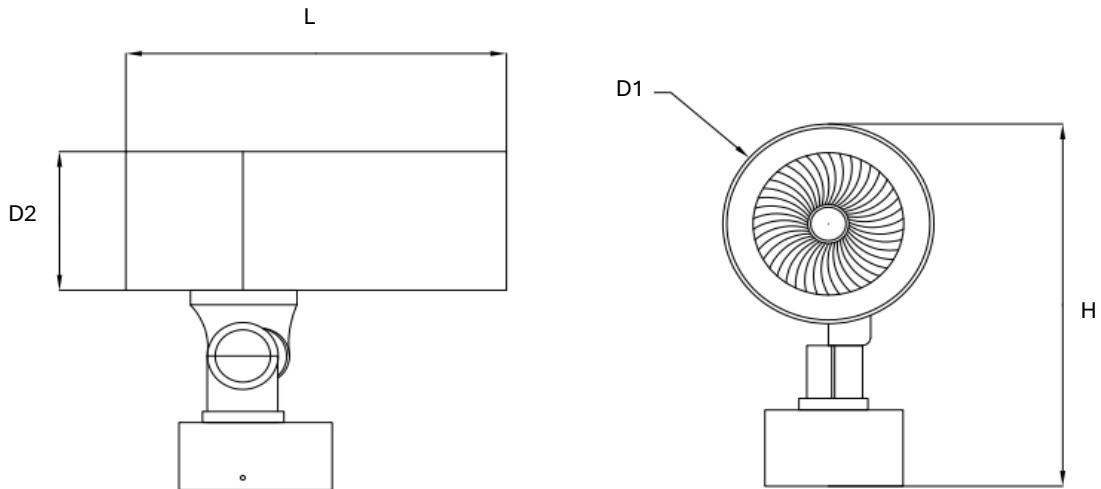
CUSTOM DIMMING PROFILE

This luminaire supports both 1–10 V and DALI dimming, enabling smooth and reliable adjustment of light output to suit different applications or energy-saving requirements. By integrating with compatible lighting control systems, the brightness can be easily tuned from full output to lower levels while maintaining consistent performance.

- 1–10 V dimming: Simple analog dimming for straightforward control.
- DALI dimming: Digital, programmable dimming for advanced lighting management.

This feature is ideal for façades, architectural highlights, and outdoor areas where lighting levels may need to be adjusted throughout the evening, enhancing visual comfort while reducing energy consumption.

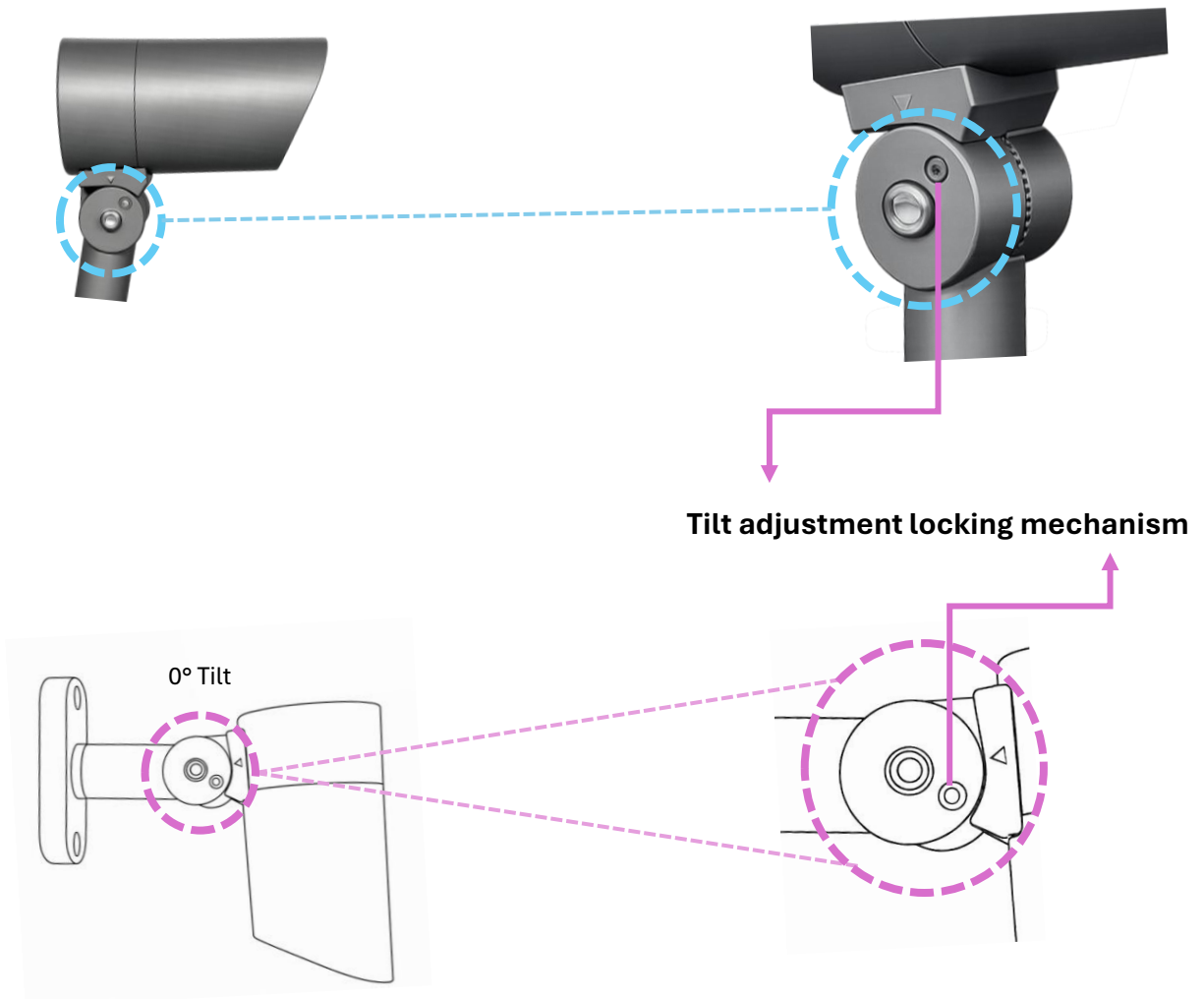
DIMENSIONAL DETAILS



| DIMENSIONS | |
|-------------|--------|
| LENGTH | 220 mm |
| DIAMETER D1 | 140 mm |
| DIAMETER D2 | 154 mm |
| HEIGHT | 270 mm |

TILT LIMITER

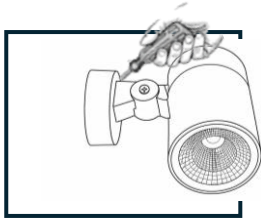
The tilt limiter ensures that the luminaire cannot be adjusted above 0° (horizontal).



- Restricts adjustment above **0° (horizontal position)**
- Integrated **mechanical tilt-stop mechanism** for reliable angle control.
- Secure **locking mechanism** prevents unintended movement.
- Supports DarkSky-friendly lighting applications.



SURFACE MOUNT INSTALLATION STEPS



1. Fix the Mounting Bracket:

Install and secure the mounting bracket to the surface using suitable fasteners.



2. Fixture Mounting:

Mount the luminaire onto the bracket and secure the fixture to the Surface for direct illumination as required.

SHORT STEM MOUNT INSTALLATION STEPS



1. Fix the Pole plate:

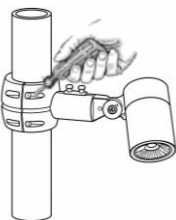
Mount the bracket, secure it to the Stem using screws.



2. Mount the light:

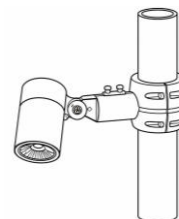
Attach the luminaire to the mounting bracket and secure it using the supplied Allen key.

POLE MOUNT INSTALLATION STEPS



1. Fix the Pole plate:

Mount the bracket plate, secure it to the Pole using screws.



2. Mount the light:

Mount the luminaire to the Bracket tilt it downward to adjust the direct illumination where required



SIDE POLE MOUNT INSTALLATION STEPS

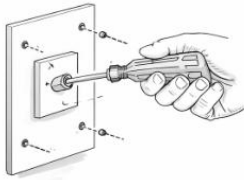


1. Fix the Side Pole plate:
Install and secure the side pole mounting plate to the pole using the supplied fasteners.

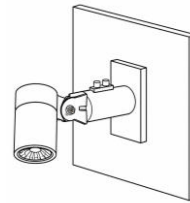


2. Mount the light:
Attach the luminaire to the mounting plate and secure it using the supplied Allen key.

WALL MOUNT INSTALLATION STEPS

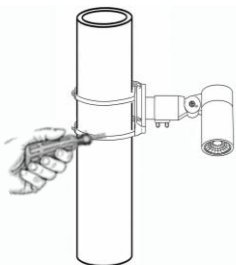


1. Fix the Wall plate:
Install and secure the wall mounting plate to the surface using appropriate fasteners

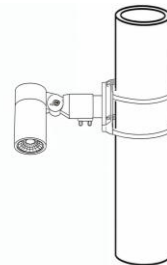


2. Mount the light:
Attach the luminaire to the mounting plate and secure it using the supplied Allen key.

POLE CLAMP MOUNT INSTALLATION STEPS



1. Fix the Mounting Bracket:
Secure the bracket firmly around the pole at the desired height.



2. Fixture Mounting:
Mount the luminaire onto the bracket and secure it using the supplied Allen key as required.



MOUNTING METHODS AND ACCESSORIES

(SUM) Surface Mount

Directly installed on a solid surface, providing stable downward illumination for landscape and architectural lighting.



(STM) Short Stem Mount

Mounted on a short stem to slightly elevate the luminaire for improved beam clearance.

(PTM) Pole Top Mount

Installed on top of a pole, delivering elevated and controlled downward illumination.



(SPM) Side Pole Mount

Mounted on the side of a pole using a rigid arm bracket..

(WAM) Wall Mount

Fixed onto vertical surfaces to provide focused downward lighting for façades and features.



(PCM) Pole Clamp Mount

Clamp bracket enables secure pole installation without drilling, ensuring flexible positioning.