




Hansagreen
LED

*Dark Sky
Logo*

CORVUS PRO

CVSP-PRJ-15W-XXXXK

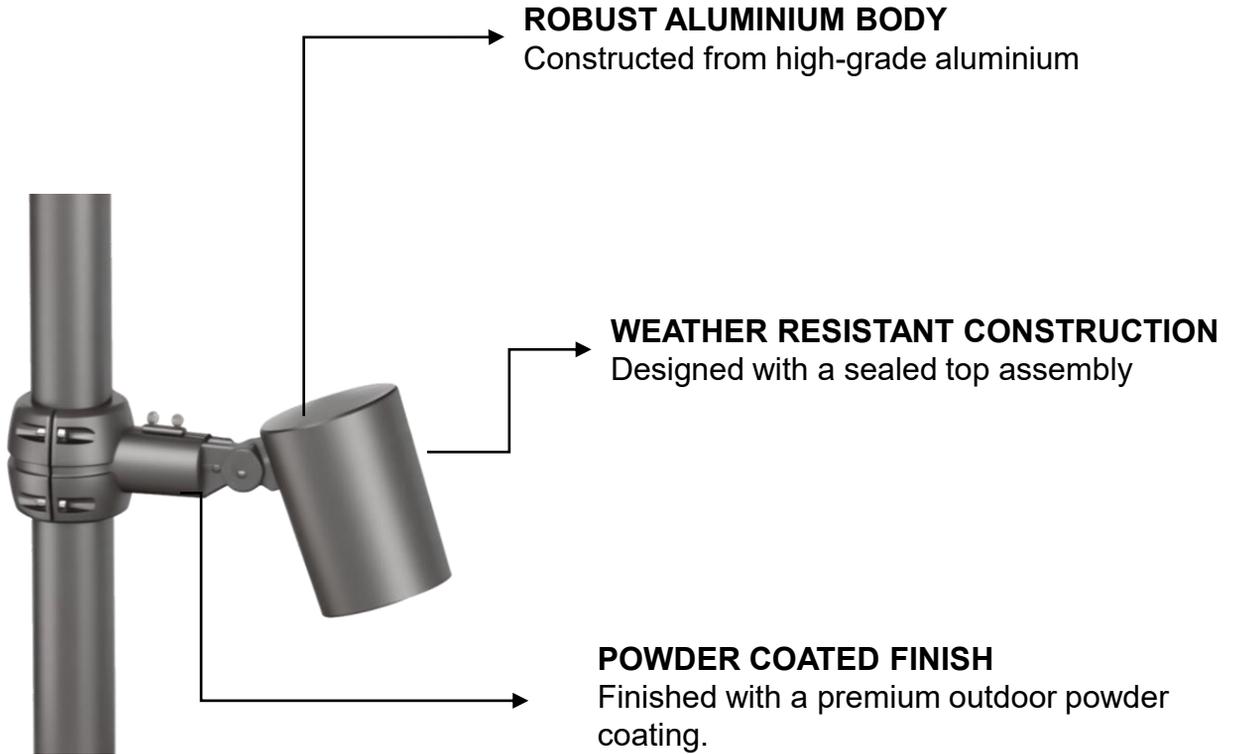


+971 65 260 706

| sales-me@hansagreen.com

| www.hansagreen.com

PRODUCT HIGHLIGHTS



FEATURES



Thermal
Management



Corrosion
Resistance



Vibration
Resistance



Easy
Maintenance

DESCRIPTION

CORVUS PRO 15W is a high-performance outdoor LED light designed for precise and focused illumination. With a robust, weather-resistant build and a sleek, compact design, it is ideal for highlighting façades, trees, signage, and other outdoor features where reliable directional lighting is essential.



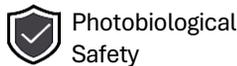
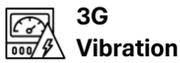
Conformity



Compliant with



Tested for Safety



Insulation Class

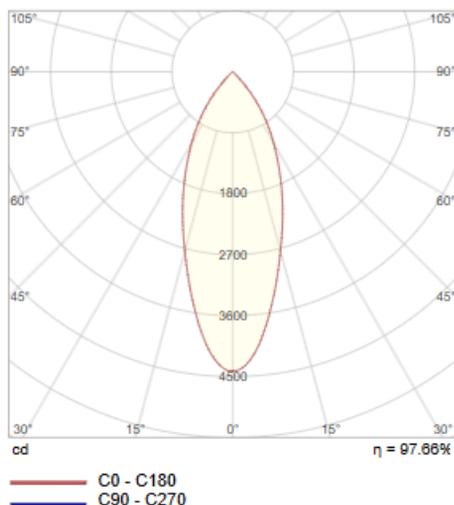


Protection Class

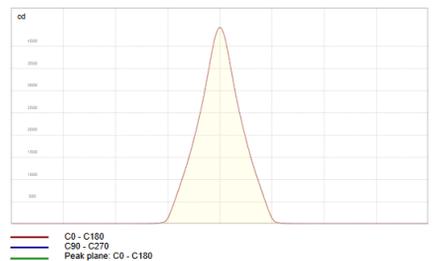


OPTICS & DISTRIBUTION

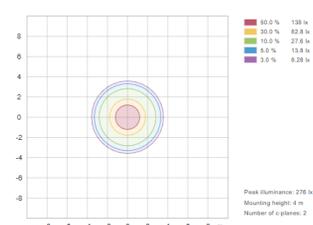
POLAR GRAPH - MAIN PLANES



LINEAR INTENSITY DISTRIBUTION DIAGRAM



ISOLUX LINES OF HORIZONTAL ILLUMINANCE



ORDERING CODE

CVSP-PRJ-15W-XXXXK

PRODUCT NAME	CATEGORY	PRODUCT FAMILY	POWER	CCT	BODY COLOUR	CONTROL OPTIONS	ACCESSORIES
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CVS	P	PRJ	XXW	XXXXK	XX	XX	XXX
CORVUS	PRO VERSION	PROJECTOR	UPTO 15W	2700K	BL (BLACK)	10V (1-10V)	HDS HD (HOOD) S (SHADE)
				3000K	GR (GREY)	DA (DALI)	SUM SU (SURFACE) M (MOUNT)
					SP (SPECIAL)		STM ST (SHORT STEM) M (MOUNT)
							PTM PT (POLE TOP) M (MOUNT)
							GSM GS (GROUND SPIKE) M (MOUNT)
							WAM WA (WALL) M (MOUNT)
							SPM SP (SIDE POLE) M (MOUNT)
							PCM PC (POLE CLAMP) M (MOUNT)

TECHNICAL SPECIFICATION

LUMINAIRE DETAILS

PRODUCT NAME	CORVUS PRO
PRODUCT TYPE	LED PROJECTOR LIGHT
PRODUCT CODE	CVSP-PRJ-15W-2700K

HOUSING DETAILS

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

CHIP DETAILS

LIGHT SOURCE	COB
LED CHIP BRAND	CITIZEN
AVAILABLE CCT	2700K / 3000K
MACADAM BINNING	STEP 3
CRI	≥80
ULOR (Upward Light Output Ratio)	0% (U0 – Zero Uplight)



TECHNICAL SPECIFICATION

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

OPTICAL DETAILS	
LUMINAIRE FLUX	1317 lm (@ 14.1 W Tested)
EFFICACY	93.45 lm/W
OPTICAL TYPE	IES Type V (Very Short)
BEAM ANGLE	28.5°
BUG RATING	B2-U0-G0

ELECTRICAL DETAILS	
NOMINAL VOLTAGE	220-240 VAC
FREQUENCY	50/60 HZ
POWER FACTOR	≥0.90
RATED POWER	UP TO 15W
THD	≤20%
CONTROL OPTIONS	DALI, 1–10V DIMMING

PROTECTION & DURABILITY	
IP RATING	IP66
IK RATING	IK10

DARKSKY COMPLIANCE NOTES

- **Designed for DarkSky Compliance:** This product is engineered in accordance with DarkSky lighting principles, aiming to minimize light pollution and promote responsible outdoor lighting.
- **Zero Uplight (U0):** The luminaire emits no light above the horizontal plane, ensuring that upward light is completely eliminated, reducing skyglow and protecting nocturnal environments.
- **Environmentally Responsible:** Suitable for outdoor installations, supporting the preservation of natural nightscapes and reduction of ecological impact.
- **Dimming Options:** The luminaire supports flexible dimming solutions, including DALI and 1–10V, allowing energy savings and adaptable lighting levels as required.
- **Applicable Configurations:** DarkSky compliance is intended for the specified wattage, CCT options of 2700K and 3000K, and optical configurations. Proper installation is required to support DarkSky-friendly performance.



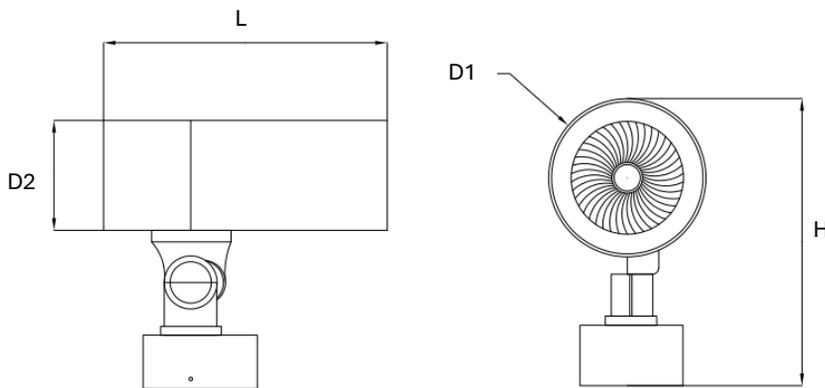
CUSTOM DIMMING PROFILE

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	115 mm
DIAMETER 1	65 mm
DIAMETER 2	72 mm
HEIGHT	143 mm

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.



(GSM) Ground Spike Mount

Ground spike allows quick installation in soil for flexible landscape lighting applications.

(WAM) Wall Mount

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



(SPM) Side Pole Mount

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

(PCM) Pole Clamp Mount

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



SPIKE INSTALLATION STEPS



1. Insert the Spike

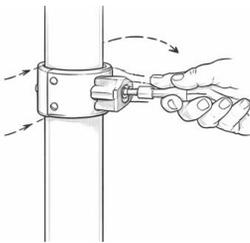
Push the ground spike firmly into the soil at the desired location.



2. Mount & Adjust the Light

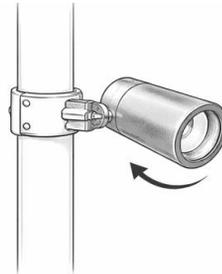
Attach the spotlight to the spike holder and tilt it downward to direct the beam where required.

COLOUMN INSTALLATION STEPS



1. Fix the Mounting Bracket:

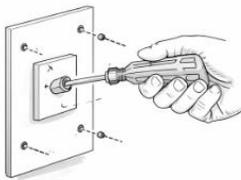
Secure the clamp bracket firmly around the pole at the desired height.



2. Attach and Adjust the Light:

Mount the spike light to the bracket and tilt it downward to direct illumination where needed.

WALL INSTALLATION STEPS



1. Fix the Wall plate:

Mount the wall plate, secure it to the wall using screws.



2. Mount the light:

Mount the focus light to the plate tilt it downward to adjust the direct illumination where required

DARK SKY LIGHTING FOR SUSTAINABLE ENVIRONMENTS

Dark Sky lighting refers to the design and application of luminaires that minimize unnecessary light emission into the night sky. It focuses on directing light only where it is required, reducing upward light, glare, and light trespass. Dark sky-compliant luminaires are typically designed with full cut-off optics and controlled light distribution, ensuring that little or no light is emitted above the horizontal plane. This approach helps preserve the natural darkness of the night sky while maintaining effective outdoor illumination.

The importance of Dark Sky lighting lies in its environmental, visual, and energy benefits. By reducing sky glow and light pollution, it helps protect nocturnal wildlife, supports natural ecosystems, and allows clearer visibility of the night sky for astronomical observation. At the same time, well-controlled lighting improves visual comfort and safety by minimizing glare and directing light only to the intended areas. It also contributes to energy efficiency, as less light is wasted and power consumption can be optimized.

At Hansa Green Technology, we are committed to supporting sustainable and responsible outdoor lighting practices. As part of this initiative, several of our luminaires are being designed and evaluated to meet Dark Sky-friendly lighting principles, focusing on reduced upward light output, optimized optics, and improved light control. Our goal is to develop products that not only deliver high performance and reliability but also contribute to the reduction of light pollution and protecting the natural night environment.



*Dark Sky
Logo*