

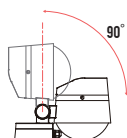
IP 66	IK 07	Ta 50°C	CRI Ra 85	VAC 220/240	CE			RoHS
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Beam	15°, 24°, 33°, 45°, 60° - 7W
Angles	15°, 20°, 35°, 50° - 18W
	15°, 25°, 36°, 45°, 60° - 27W



7W	18W	27W

Adjustable Angle:



Spike(Optional):



Housing Color:



Key Information

Shape	Round
Mounting Type	Base mounted / Spike mounted
LED Type	LED COB
Power Options	7W / 18W / 27W
CCT(K) Options	3000K / 4000K / 6000K
Luminous Efficacy	99.22lm/W(7W) 101.67lm/W(18W) & 98.41lm/W(18W)
Beam Angles	15° 24° 33° 45° 60° - (7W) 15° 20° 35° 50° - (18W) 15° 25° 36° 45° 60° - (27W)
CRI	>85 & +90(Optional)
SDCM	< 3
Lifespan	50,000 hours(L90 B10 @35°)

Physical

Body Material	Extruded aluminium alloy #6063
Lens	Polycarbonate optical lens
Diffuser	Tempered glass . Thickness=3mm
Gasket	Tooling shaped seal
Housing Finish	Electrostatic powder coating
Housing Color Options	Sanded black (RAL 9005) Sanded grey (RAL 7043)
Spike	Optional
Hood	Standard
Cable	IP68 PG-9 PA66
Power Cable	240VAC: H05RN-F 3x1.0mm², L=0.3m 24VDC: H05RN-F 2x1.0mm², L=0.3m

Environmental

Installation Environment	Outdoor
IK Rating	07
IP Rating	IP66
Operating Temperature	-20° to 50°C
Humidity	10~90%

Driver

Input Voltage	220~240VAC 50/60Hz 24VDC (as an option)
Class Rating	Class I
Power Factor	>0.92
Standard	On/off
Dimming Options	DALI2 / 0-10V (Remote)

Ordering Guide:

Product	CCT (K)	Wattage (W)	Beam Angle(°)	Voltage	Color Finish	Driver
CO I= Cowra I	2.7K=2700K 3K=3000K 4K=4000K 5K=5000K	7W	15° 24° 33° 45° 60°	240VAC 24VDC	B=Black G=Grey	S=On/Off D=DALI2 V=0-10V
		18W	15° 20° 35° 50°			
		27W	15° 25° 45° 36° 60°			

* Please choose wattages and beam angle from same color box matching respective product.

Applications:

Exterior garden and landscape area, trees, plants, building facades, monuments, open spaces and pathway lighting

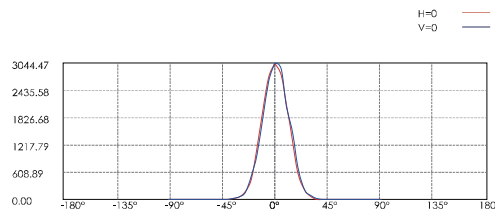
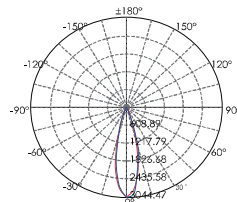
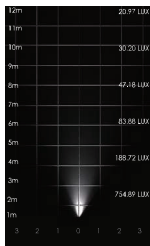
Application Photo:



Product Code	Wattage	CCT	Lumens	Dimensions (mm)
CO I-3K-7W-24°-240VAC-B-S	7W	3000K	695lm	Ø70 x 165mm
CO I-3K-18W-20°-240VAC-B-S	18W	3000K	1830lm	Ø100 x 217mm
CO I-3K-27W-25°-240VAC-B-S	27W	3000K	2657lm	Ø163 x 275mm

* Please contact us for other CCT(2700K, 4000K and 6000K), Voltage type and Dimming control options.

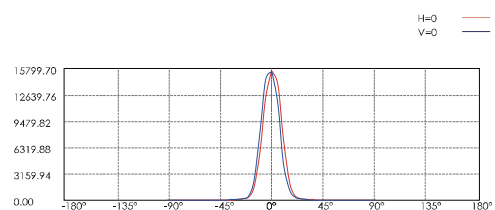
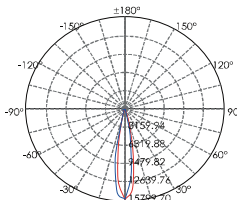
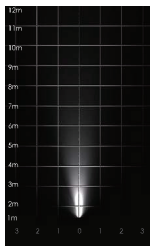
Photometric:



Cowra I - 7W - 24°

Lux distance Curve

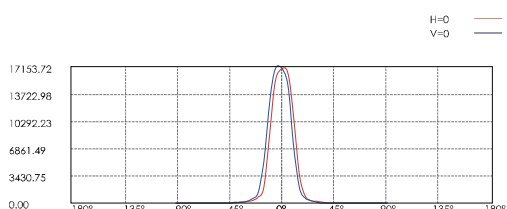
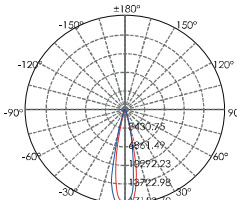
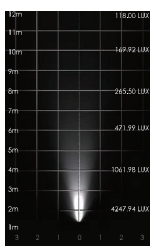
Illuminance at a Distance		Beam Width	
Center Beam LUX	V	H	
2m	754.89 LUX	0.9m	0.9m
4m	188.72 LUX	1.9m	1.9m
6m	83.88 LUX	2.8m	2.8m
8m	47.18 LUX	3.7m	3.7m
10m	30.20 LUX	4.7m	4.7m
12m	20.97 LUX	5.6m	5.6m
Vert.Spread:26.2		Horiz.Spread:26.3	



Cowra I - 18W - 20°

Lux distance Curve

Illuminance at a Distance		Beam Width	
Center Beam LUX	V	H	
2m	3882.43 LUX	0.7m	0.6m
4m	970.61 LUX	1.3m	1.3m
6m	431.38 LUX	2.0m	1.9m
8m	242.65 LUX	2.6m	2.6m
10m	155.30 LUX	3.3m	3.2m
12m	107.85 LUX	3.9m	3.9m
Vert.Spread:18.5		Horiz.Spread:18.3	



Cowra I - 27W - 25°

Lux distance Curve

Illuminance at a Distance		Beam Width	
Center Beam LUX	V	H	
2m	4247.94 LUX	0.8m	0.8m
4m	1061.98 LUX	1.6m	1.6m
6m	471.99 LUX	2.3m	2.3m
8m	265.50 LUX	3.1m	3.1m
10m	169.92 LUX	3.9m	3.9m
12m	118.00 LUX	4.7m	4.7m
Vert.Spread:22.1		Horiz.Spread:22.1	

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