



Collection of exterior bollards for commercial and institutional applications. Available in a round, square design with 3 mounting heights for diverse applications, scale and design. Robust aluminum alloy construction with stainless steel fasteners, factory sealed diffuser and lenses, with five layers corrosion resistant finish. Low luminance with light source regressed inside the luminaire and shielded from all viewing angles. The wide uniform distribution allows greater luminaire spacing while maintaining good visual comfort and eliminate light pollution.

Luminaire characteristic:

Power input: 10.1W or 11.2W (system wattage)
Lumens: 224lm to 697lm (for 3000K, 80CRI)
Luminaire efficacy: Up to 65lm/W

Source:	White LED (LM-80), 3000K: 80CRI, 4000K: 80CRI.
Lumen maintenance:	80% of initial lumens at 79 000 hours (L80)
Optic:	360° symmetrical optic or 180° asymmetrical optic. Super comfort protective screen and full cut-off version for zero uplight emission.
Material:	Body: Extruded aluminum Base: Die cast aluminum with stainless steel rods Diffuser: Opal white anti UV polycarbonate Hardware: Stainless steel screws
Mounting:	Install with fixing plate accessory or fasten to ground. Supplied with 3ft (1m) of the power cable minimum.
Electrical:	Integral high efficiency dimmable LED driver, rated at 50 000 hours. 120V-277V. 10kV surge protection (differential and common mode).
Dimming:	Down to 10%, 0-10V (120-277V).
Finish:	Black, Rust brown or Gray (RAL9007) painted finish with a high level of weather and UV resistance. The semi-gloss finish coating is electrostatically applied, durable acrylic enamel baked at high temperatures for superior color retentive finish.
Weight:	Small: 7.7lb (3.5kg) Medium: 14.1lb (6.4kg) Large: 17.6lb (8.0kg)
Warranty:	5 year limited warranty.
Ratings:	IP66, IK10
Certification:	cULus listed for wet location.



ORDERING INFO

IIWAY - - - - UNV - D10

FIXTURE

MODEL

☐ **S** - Small 9 7/8" (250mm) ☐ **M** - Medium 24" (610mm) ☐ **L** - Large 39 3/8" (1000mm)

SHAPE

☐ **RD** - Round ☐ **SQ** - Square

LED

☐ **830** - 3000K, 80CRI ☐ **840** - 4000K, 80CRI

OPTIC

☐ **SC** - Symmetrical 360°
comfort ☐ **AC** - Asymmetrical 180°
comfort ☐ **FCS** - Full cut-off ⁽¹⁾
symmetrical 360° ☐ **FCA** - Full cut-off ⁽¹⁾
asymmetrical 180°

VOLTAGE

☒ **UNV** - 120-277V

FINISH

☐ **02** - Black ☐ **15** - Gray ☐ **F5** - Rust brown

DIMMING

☒ **D10** - 0-10V (down to 10%)

⁽¹⁾ Available for round (**RD**) shape models.

ACCESSORIES (TO BE ORDERED SEPARATELY)

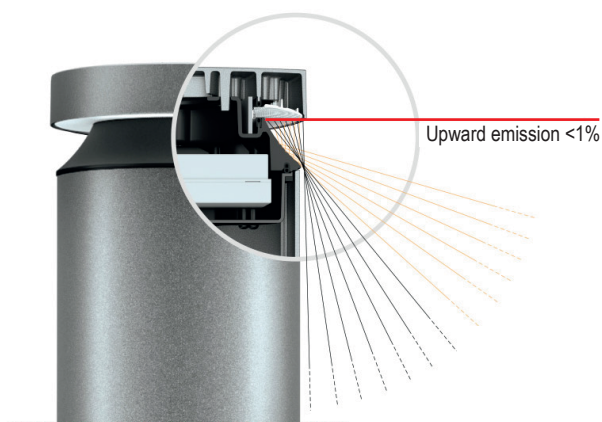
For installation consult instruction sheet.

FIXING PLATE

☐ **B513** - Fixing plate with anchor bolts



VISUAL COMFORT



A new innovative optic* which guarantees visual comfort. Excellent horizontal effect with high interdistances that eliminates the shadow at the base giving great uniformity from its base to the farthest point from the pole.

Invisible source

The optic is optimised to completely hide the light source from view.

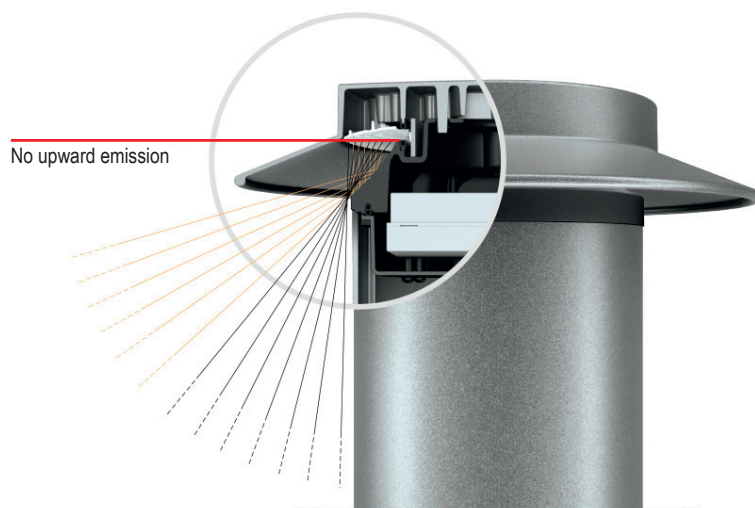
Visual comfort

Invisible source even in compromising situation such as sitting position.

Full cut-off version

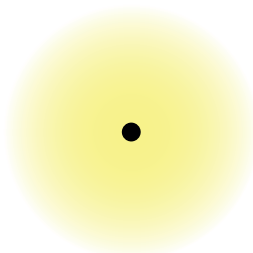
The full cut-off version eliminates the luminous intensity* for angles greater than 90° by directing the entire flux to the ground and meet the most stringent constraints of the laws against light pollution.

*Max luminous intensity < 0.49cd / klm at 90°



OPTIC CONFIGURATIONS

SYMMETRICAL 360°

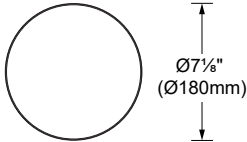


ASYMMETRICAL 180°

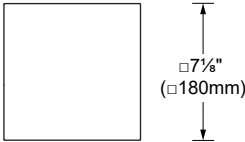


DIMENSIONS

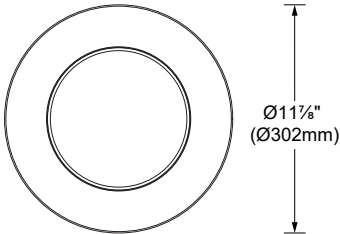
ROUND



SQUARE



FULL CUT-OFF
ROUND

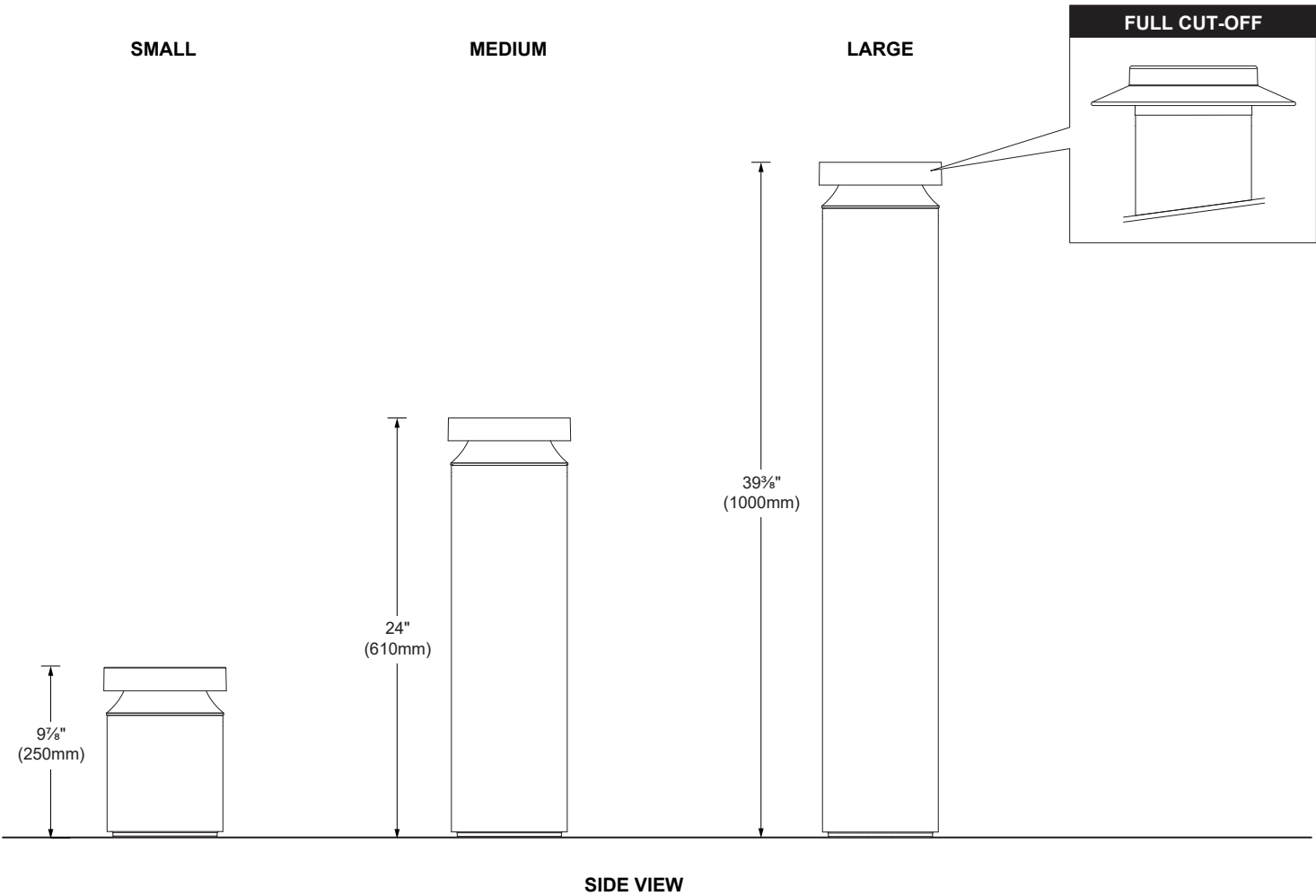


TOP VIEW

SMALL

MEDIUM

LARGE



PHOTOMETRIC DATA

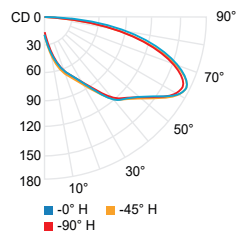
RD - ROUND

SYMMETRICAL - 360° (SC)

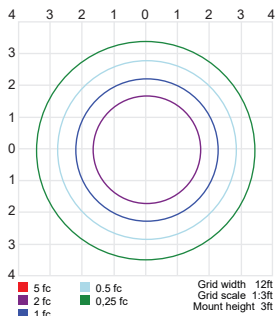


K	WATT	LUMENS	lm/W	MAX CANDELA	B.U.G.	MODEL
3000	11.2	697	62	175	B1 - U1 - G1	IWAY-X-RD-830-SC
4000	11.2	731	65	183	B1 - U1 - G1	IWAY-X-RD-840-SC

Symmetrical 360° (3000K, 80CRI)



Mounting height Large (L) 39% (1000mm)

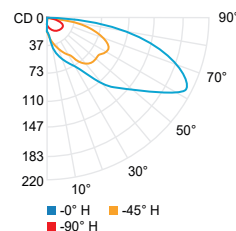


ASYMMETRICAL - 180° (AC)

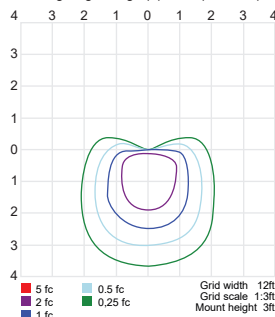


K	WATT	LUMENS	lm/W	MAX CANDELA	B.U.G.	MODEL
3000	10.1	240	23	212	B0 - U1 - G1	IWAY-X-RD-830-AC
4000	10.1	247	24	219	B0 - U1 - G1	IWAY-X-RD-840-AC

Asymmetrical 180° (3000K, 80CRI)



Mounting height Large (L) 39% (1000mm)



PHOTOMETRIC DATA

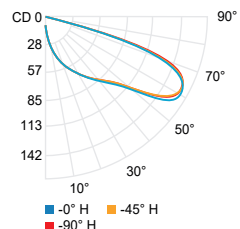
FC - FULL CUT-OFF ROUND



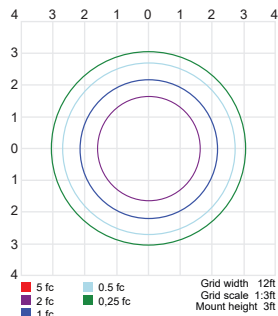
SYMMETRICAL - 360° (FCS)

K	WATT	LUMENS	lm/W	MAX CANDELA	B.U.G.	MODEL
3000	11.2	502	44	165	B1 - U0 - G1	IIWAY-X-RD-830-FCS
4000	11.2	526	46	173	B1 - U0 - G1	IIWAY-X-RD-840-FCS

Symmetrical 360° (3000K, 80CRI)



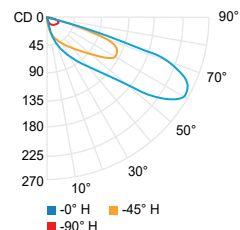
Mounting height Large (L) 39 3/4" (1000mm)



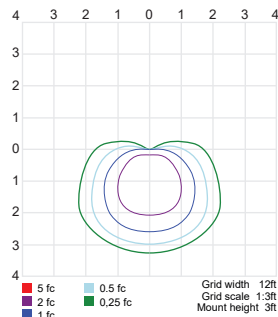
ASYMMETRICAL - 180° (FCA)

K	WATT	LUMENS	lm/W	MAX CANDELA	B.U.G.	MODEL
3000	10.1	216	21	261	B1 - U0 - G1	IIWAY-X-RD-830-FCA
4000	10.1	222	21	269	B1 - U0 - G1	IIWAY-X-RD-840-FCA

Asymmetrical 180° (3000K, 80CRI)



Mounting height Large (L) 39 3/4" (1000mm)



PHOTOMETRIC DATA

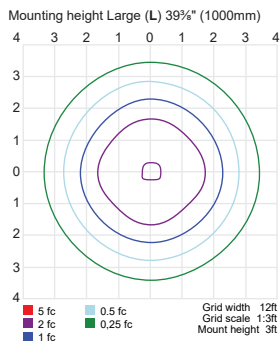
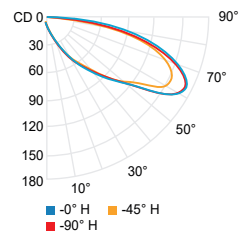
SQ - SQUARE

SYMMETRICAL - 360° (SC)



K	WATT	LUMENS	lm/W	MAX CANDELA	B.U.G.	MODEL
3000	11.2	594	53	173	B1 - U1 - G1	IWAY-X-SQ-830-SC
4000	11.2	623	55	181	B1 - U1 - G1	IWAY-X-SQ-840-SC

Symmetrical 360° (3000K, 80CRI)



ASYMMETRICAL - 180° (AC)



K	WATT	LUMENS	lm/W	MAX CANDELA	B.U.G.	MODEL
3000	10.1	224	22	221	B0 - U1 - G1	IWAY-X-SQ-830-AC
4000	10.1	231	22	228	B0 - U1 - G1	IWAY-X-SQ-840-AC

Asymmetrical 180° (3000K, 80CRI)

