

Specification Sheet | EB100



Louis, designed by Urbidermis is a modern linear catenary that elevates and refines public outdoor space. Its subtly arched aluminum housing conceals attachment points, creating a streamlined presence above pathways, plazas, pedestrian corridors and other low velocity spaces. Balancing modernist aesthetics with high performance illumination, Louis enhances spatial definition while maintaining openness and visual comfort.

Designed for flexibility, Louis is available in 26" and 48" lengths with multiple finishes, distributions and lumen packages ranging from 2,000lm to 9,000lm.

Housing & Materials

Luminaire made of extruded aluminium. End caps are cast aluminum, anodized. Powdercoat finish is suitable for marine/coastal environments. Tempered optical glass diffuser with silicone sealing gaskets. Stainless steel hardware and metal cord seal.

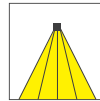
Electrical

120V - 277V, 50/60 Hz electronic driver. 0-10V dimming as standard (DALI dimmable upon request). -40°C start temperature.

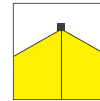
Light Engine

High powered LEDs mounted to a RoHS compliant circuit board with PMMA optics affixed to each LED on the board. Available in 2700K, 3000K, and 4000K. >80 CRI across all available color temperatures.

Distributions



TII+TII



TV

Warranty

Urbidermis guarantees the composition and performance features of all material that shape the product for a period of three years. Electrical components including LED boards and electronic drivers are guaranteed for a period of five years.

Certification

UL Listed for Wet Location, CE, International Dark Sky Approved, RoHS Compliant



Designed by Urbidermis

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Specification

Luminaire

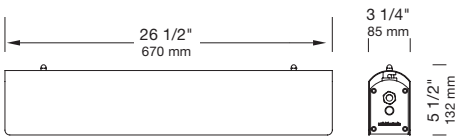
Luminaire

Product	LED Count/Length	Drive Current	Color Temp	Distribution	Lens	Powdercoat
EB 101 (Catenary Single Entry)	18 (18 LED, 26")	LO (Low Output)	27K (3000K)	TII+II (Type II+II)	CLR (Clear)	UMG (Medium Grey, RAL 9007)
EB 102 (Catenary Loop In/Out)	36 (36 LED, 48")	SO (Standard Output)	30K (3000K)	TV (Type V)	FRS (Frosted)	UWH (White, RAL 9002)
		HO (High Output)	40K (4000K)			

Example: EB101 – 18 – LO – 27K – TII + II – CLR – UMG

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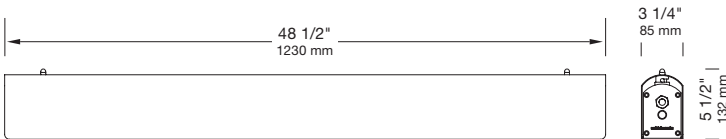
EB100 Series Luminaire Dimensions, weights and EPA's



100 Series - 18 LED

Weight: 9.7 lbs

EPA: 1.033 ft²



100 Series - 36 LED

Weight: 17.6 lbs

EPA: 2.184 ft²

Mounting Options

Cable hangers with locking screws and decorative cover. Hanger accommodates steel cables from 4-6mm (0.16" to 0.24") in diameter. Luminaire features through wiring capability for SO/SJ type cord 18/3, 16/3, 18/5 (dia. 0.24"-0.51"). Includes plug for unused wire entry.

Luminaire Performance Data

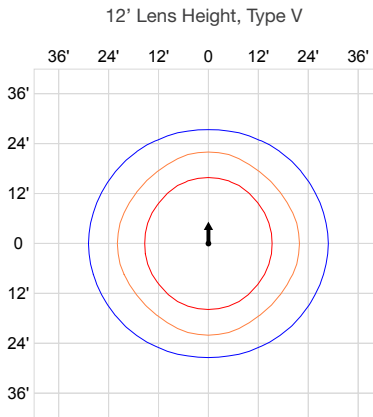
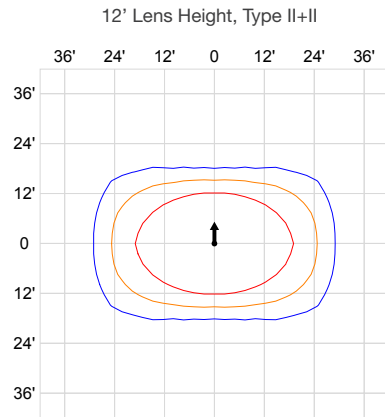
LED Quantity	Drive Current	Colour Temperature (K)	Distribution Type	Lumen Output	Efficacy	Input Power (W)	BUG Rating
18	LO	2700K	T2+T2	2041	102	20	B1-U0-G1
			T5	2145	107	20	B1-U0-G0
		3000K	T2+T2	2041	102	20	B1-U0-G1
			T5	2145	107	20	B1-U0-G0
		4000K	T2+T2	2266	113	20	B1-U0-G1
			T5	2381	119	20	B1-U0-G0
	SO	2700K	T2+T2	2832	98	29	B1-U0-G1
			T5	2976	103	29	B1-U0-G0
		3000K	T2+T2	2832	98	29	B1-U0-G1
			T5	2976	103	29	B1-U0-G0
		4000K	T2+T2	3143	108	29	B1-U0-G1
			T5	3303	114	29	B1-U0-G0
	HO	2700K	T2+T2	3766	94	40	B2-U0-G1
			T5	3985	100	40	B2-U0-G0
		3000K	T2+T2	3766	94	40	B2-U0-G1
			T5	3985	100	40	B2-U0-G0
		4000K	T2+T2	4181	105	40	B2-U0-G1
			T5	4424	111	40	B2-U0-G0
36	LO	2700K	T2+T2	4137	103	40	B2-U0-G1
			T5	4443	111	40	B2-U0-G1
		3000K	T2+T2	4137	103	40	B2-U0-G1
			T5	4443	111	40	B2-U0-G1
		4000K	T2+T2	4592	115	40	B2-U0-G1
			T5	4931	123	40	B2-U0-G1
	SO	2700K	T2+T2	5700	100	57	B2-U0-G2
			T5	6121	107	57	B2-U0-G1
		3000K	T2+T2	5700	100	57	B2-U0-G2
			T5	6121	107	57	B2-U0-G1
		4000K	T2+T2	6327	111	57	B2-U0-G2
			T5	6794	119	57	B2-U0-G1
	HO	2700K	T2+T2	7663	96	80	B3-U0-G2
			T5	8165	102	80	B3-U0-G1
		3000K	T2+T2	7663	96	80	B3-U0-G2
			T5	8165	102	80	B3-U0-G1
			T2+T2	8506	106	80	B3-U0-G2
			T5	9063	113	80	B3-U0-G1

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100 Series - 18 LED LO CLR lens at 12'

Performance light engine @ 3000K

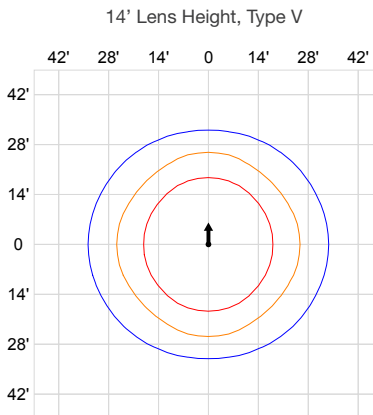
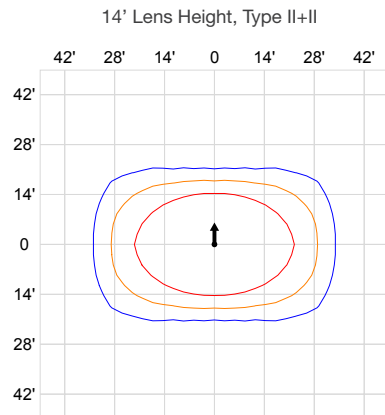
1.0fc 0.5fc 0.2fc



100 Series - 18 LED SO CLR lens at 14'

Performance light engine @ 3000K

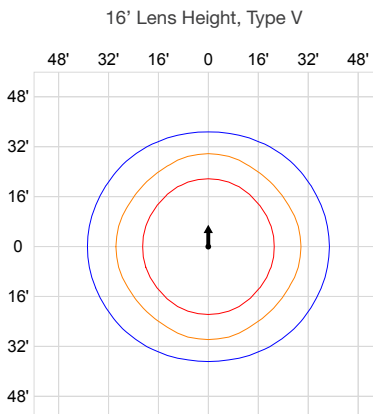
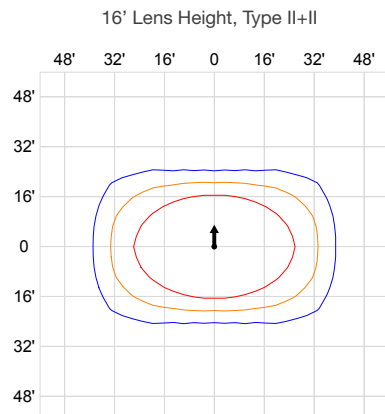
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100 Series - 18 LED HO CLR lens at 16'

Performance light engine @ 3000K

1.0fc 0.5fc 0.2fc

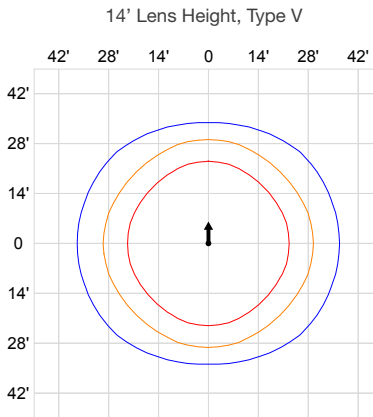
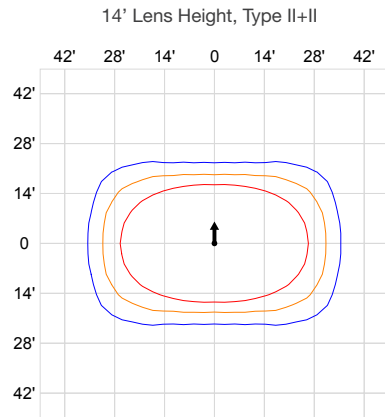


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100 Series - 36 LED LO CLR lens at 14'

Performance light engine @ 3000K

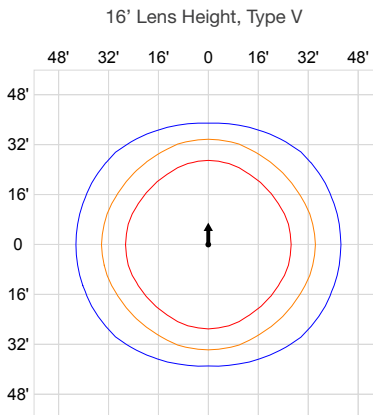
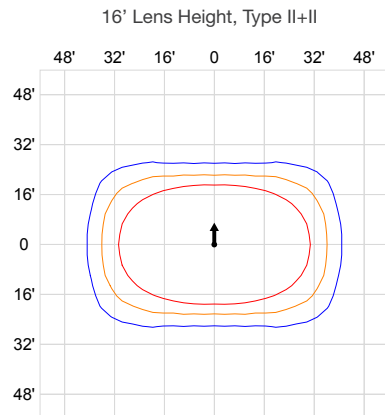
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100 Series - 36 LED SO CLR lens at 16'

Performance light engine @ 3000K

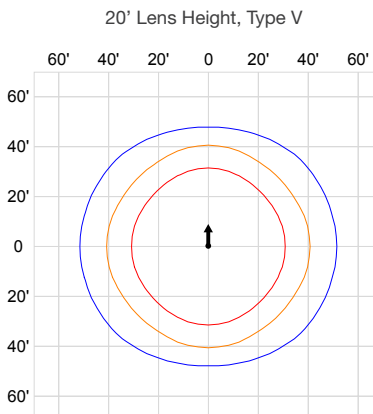
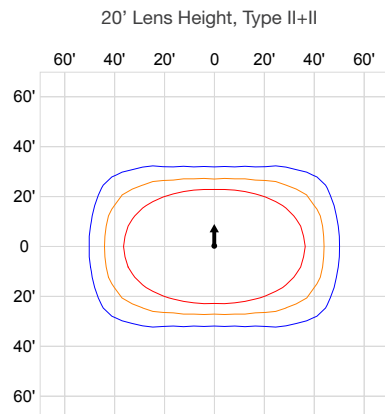
1.0fc 0.5fc 0.2fc



100 Series - 36 LED HO CLR lens at 20'

Performance light engine @ 3000K

1.0fc 0.5fc 0.2fc



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Powdercoated Metal*



White
RAL 9002 (UWH)



Medium Grey
RAL 9007 (UMG)

Powdercoated Metal

Urbidermis luminaires are powdercoated using a thermal coating finish, suitable for C5 zones.

* All colors and patterns shown are approximate and may vary from sample and final.

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