

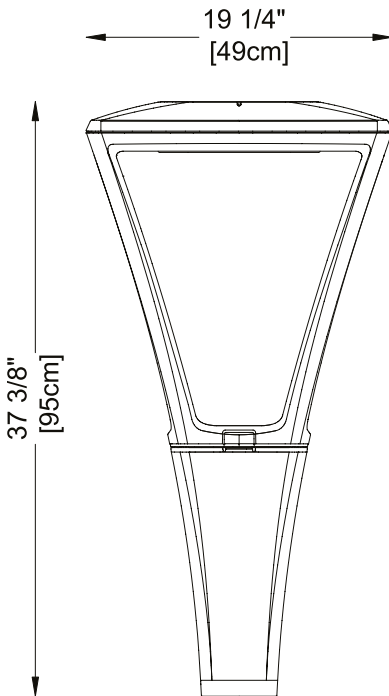
Project:

Qty:

Luminaire:

Order:

Type:



Fitter module: In cast A360 aluminum, equipped with an opening system that provides tight compression when closed. A push-button allows tool-free access to the power supply module. The base module is self-leveling and held in place by pressure screws. Fits onto a 4" (10cm) OD x 3" (7cm) long stud.

Frame module: Square-shaped, the cage is cast in A360 aluminum and mechanically assembled to the base module.

Roof module: Square-shaped, cast A360 aluminum, mechanically assembled to the frame module.

Optical module: The ring module is mechanically connected to the frame module. It projects a soft, uniform light, while providing a light distribution without streaks on the ground. The light engine consists of 72 high-efficacy LEDs mounted on a printed circuit board and an A360 molded aluminum heat sink, ensuring optimal thermal management. The optical module offers an IP66 ingress protection rating. The lifetime of the LEDs is 100,000 hours. It is based on the LM-80 test and extrapolated with TM-21. This data is calculated when 50% of the LEDs produce 70% of their initial luminous flux (L70). The minimum color rendering index (CRI) is 80. The available light distribution type is Symmetric Type 5 (SYM).

Driver Module: The self-adjusting Class 2 (P05 to P30) driver is removable. Primary tension is of 120 to 480VAC Volts, 50/60Hz, THD max 20% with a high-power factor of 90%. Operating temperature is -40°F (-40°C) to 131°F (55°C). The regulator offers an output of 0-10 Volts and is ROHS compliant. Assembled with pull-out connectors. Complete with 10kV/5kA or 20 kV/10kA tripolar surge protection for live-MALT, live-neutral and neutral-MALT lines according to IEEE/ANSI C62.41 2002 C.

Wiring / Hardware: Type TEWT 14-7 AWG, 12"(30.5cm) minimum exceeding from luminaire. All electrical connections between modules are made with quick-disconnect connectors for easy maintenance. All exposed hardware is stainless steel.

Color: All Cyclone colors are available in textured (TX) or smooth (SM) finish, unless otherwise specified. A durable polyester powder coating is applied and meets the AAMA 2604 requirements (5 years exposure to all weather conditions). The finish meets the ASTM G7, B117, D1654 and D2247 requirements relative to salt spray and humidity resistance. **Cyclone recommends the textured finish for this product.**

Vibration: (3G) according to ANSI C136.31-2010

Waterproofing: IP66 according to EN 60529 and IEC 60598-1

Electromagnetic compatibility: According to ICES-005-A (2018)

cULus: According to C22.2 / UL1598

EPA: 1.79 ft²

Weight: 38.4 lbs / 17.4 kg

Warranty: 5-year limited warranty. Complete warranty terms located at:

www.cyclonelighting.com/assets/Legal/Cyclone-Sales-TermsConditions-en.pdf

Stamp/Approval:

Name:

Date:

Name:

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Date:



Oblo OBLT4A – CFT Approval – Specification

Project:

Qty:

Luminaire:

Order:

Type:

Ordering Code

Model	Lens	Distribution	Performance package ¹	CCT	Volts	Surge protector
OBLT4A	CFT Comfort optic	SYM Type 5	P05 (1 000 lm) P10 (1 700 lm) P15 (2 300 lm) P20 (2 900 lm) P25 (3 500 lm) P30 (4 000 lm)	30K 3000K 40K 4000K	MVOLT 120-277VAC HVOLT 347-480VAC 120 208 240 277 347 480	10KV 10kV/5kA 20KV 20kV/10kA

Options			Options		
Adaptator	Photocell	Dimming	Color	Texture	Pre-finish
– Installs on a tenon of Ø 4" (10cm) X 3" (7.5cm) high R28 Installs on a 4" (10cm) Ø to 2 7/8" (7cm) Ø x 3" (7.5cm) high R30 Installs on a 4" (10cm) Ø to 3" (7.5cm) Ø x 3" (7.5cm) high R35 Installs on a 4" (10cm) Ø to 3.5" (8.5cm) Ø x 3" (7.5cm) high R238 Installs on a 4" (10cm) Ø to 2 3/8" (6cm) Ø x 3" (7.5cm) high	– PT Photocell W/7-PIN receptacle (ANSI C136.41) PX Shorting cap W/7-PIN receptacle (ANSI C136.41) PTL Long life photocell W/7-PIN receptacle (ANSI C136.41) PTDR W/7-PIN receptacle (ANSI C136.41)	– PND506 ² Program 50% for 6 hours (11PM to 5AM) PND508 ² Program 50% for 8 hours (9PM to 5AM) DIM 0-10 volts wire for external controls SD ² Field adjustable 10% increment step-dimming switch	BK Black RAL9005 DG Dark green RAL6012 MA Marine blue RAL5013 SI Metallic silver RAL9006 (smooth only) BZ Dark bronze RAL8019 BG G Burgundy RAL3005 GM GM Moss green RAL6005 PG G Pale grey RAL7040 WH White RAL9003 SG ³ Steel Gray BKH ⁴ 7 Black Holophane BZH ⁴ Dark bronze Holophane GNH ⁴ Green Holophane GHH ⁴ Graphite Holophane GRH ⁴ Gray Holophane SLH ⁴ Silver Holophane WHH ⁴ White Holophane	TX Textured SM Smooth SX ⁵ Textured, matt (Sandtex)	– MG Marine grade pre-finish

1 - Values shown represent the maximum lumen output, which may vary depending on the selected configuration or options.

2 - Only one of the following options may be selected: SD, PND506, or PND508. These options cannot be combined.

3 - Available in SX finish only.

4 - Holophane colors are only available in Smooth (SM) finish.

5 - SX finish only available with SG color.

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice. Please consult our web site for up-to-date product information and IES files.

EPA: 1,79 ft²

Weight: 38.4 lbs / 17.4 kg

Stamp/Approval:

Name:

Date:

Name:

Date:

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Photometric Data Tables

Oblo OBLT4A – CFT (Confort Optics)

Performance Package	3000K					4000K				LLD @ 25C			
	Watts System	Optic	Lumen Output	Efficacy (LM/W)	B U G	Optic	Lumen Output	Efficacy (LM/W)	B U G	25K Hours	50K Hours	75K Hours	100K Hours
P05	14,6	SYM	1001	68	B1-U1-G1	SYM	1054	72	B1-U1-G1	0,96	0,94	0,92	0,90
P10	25,2	SYM	1649	65	B1-U1-G1	SYM	1735	69	B1-U1-G1	0,96	0,94	0,92	0,90
P15	35,9	SYM	2231	62	B1-U1-G1	SYM	2348	65	B1-U1-G1	0,96	0,94	0,92	0,90
P20	46,5	SYM	2765	60	B1-U1-G1	SYM	2910	63	B1-U1-G1	0,96	0,94	0,92	0,90
P25	59,2	SYM	3300	56	B1-U1-G1	SYM	3474	59	B1-U1-G1	0,96	0,93	0,91	0,89
P30	72,3	SYM	3718	51	B2-U1-G1	SYM	3914	54	B2-U1-G1	0,96	0,93	0,91	0,89

Note: Actual performance may differ as a result of end-user environment and application.
 All values are design or typical values, measured under laboratory conditions at 25°C.
 Specifications subject to change without notice.

Lumen ratio for different CCT				
PC Amber 0.6	2200K 0.75	2700K 0.95	3000K 0.95	4000K 1.00