

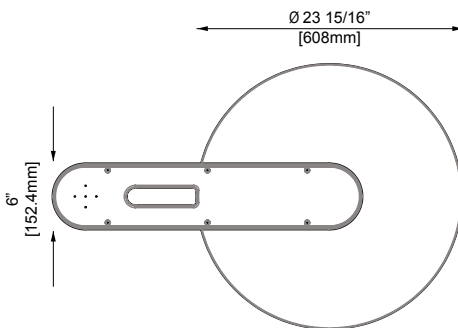
Project:

Qty:

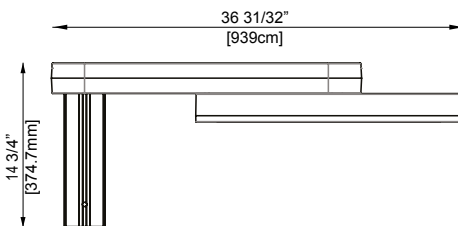
Luminaire:

Order:

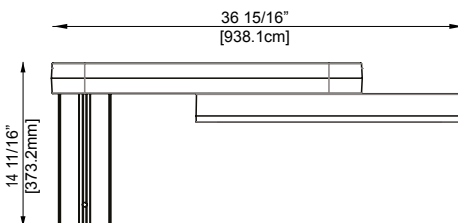
Type:



LUPI6A-IN40



LUPI6A-IN50



EPA: 0.48 ft²

Weight: 48 lbs / 21.8 kg

Housing module: The permanent mold cast A356 aluminum support arm is designed with an integrated wiring compartment that houses the driver module. The arm is welded to an extruded 6061-T6 aluminum tenon measuring for a clean and sleek design integration with the pole. Two silicone gaskets ensure IP66 waterproofing according to EN 60529 and IEC 60598-1 standards with the cover module.

Cover module: Injection molded from A360 aluminum, it's mechanically secure to the housing module by two (2) safety cables and six (6) socket head type Allen screws.

Hood module: Circular in shape, injection molded from A360 aluminum and mechanically secured to the frame with four (4) 3/8-16 UNC stainless steel bolts. The seal between the hood and the frame is ensured by a silicone grommet.

Frame module: Flat and circular in shape, injection molded from A360 aluminum and is mechanically secured to the hood module to hold the optical module. The seal is made by two silicone gaskets. The junction between the frame and the optical module is embellished by a decorative white polycarbonate plate. A 0.24" (6mm) thick "waveguide" acrylic lens is attached to the frame.

Optical module: The module projects a soft and uniform light, while providing a light distribution without streaks on the ground. The light engine consists of 96 high-efficacy LEDs mounted to a flexible circuit board and aluminum heat sink, ensuring optimal thermal management. 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 light distribution types available are ASY (Type IV), SYM (Type V) and PATH (Type III). The optical module is available with performance packages from P10 (3,260 lm) to P50 (15,500 lm) with 0% uplight.

Driver module: Class 1 (P40 to P50) or Class 2 (P10 to P30). 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 luminaire. All electrical connections between the modules are provided with quick-disconnect connectors for easy maintenance. All outside accessible hardware is made of 304 stainless steel.

Vibration Testing (1.5G): Testing was successfully performed in accordance with the requirements of standard ANSI C136.31-2010 on the Lupa luminaire for Normal Applications.

NOTE: UL certified according to UL 1598 in compliance with both U.S. and Canadian requirements.

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.**

cULus: According to standard C22.2 / UL1598

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:

Date:

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Project:
Qty:
Luminaire:
Order:
Type:

Ordering Code

Model	Mounting	Lens	Distribution	Performance Package ¹	CCT	Volts	Surge Protector
LUP16A	IN40 TB 4"Ø for 4"Ø x 1/8" thickness pole IN42 TB 4"Ø for 4"Ø x 1/4" thickness pole IN50 TB 5"Ø for 5"Ø x 1/8" thickness pole IN52 TB 5"Ø for 5"Ø x 1/4" thickness pole	FAC Flat acrylic clear lens	SYM Symetric ASY Asymetric PATH Pathway	P10 (3,000lm) P20 (4,500lm) P30 (7,000lm) P40 (11,000lm) P50 (15,000lm)	30K 3000K 40K 4000K	MVOLT 120-277VAC HVOLT 347-480VAC 120 208 240 277 347 480	10KV 10kV/5kA 20KV 20kV/10kA

Options		Color		Texture	Pre-finish
- PND506 ² Program 50% for 6 hours (11PM to 5AM) PND508 ² Program 50% for 8 hours (9PM to 5AM) PT Photocell W/7-pin receptacle PTDR 7-pin receptacle PTL Long Life Photocell W/7-pin receptacle PX Shorting Cap W/7-pin receptacle 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 Burgundy RAL3005 GM Moss green RAL6005 PG Pale grey RAL7040 WH White RAL9003 SG ³ Steel Gray BKH ⁴ 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.

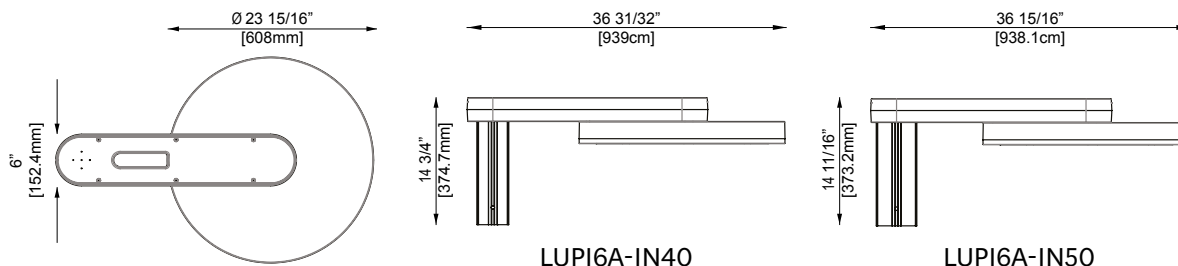
2- Only one of the following options may be selected: SD, PND506, or PND508. These options cannot be combined.

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.



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Weight: 48 lbs / 21.8 kg

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Name:
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Name:
Date:

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Photometric Data Tables

Lupa - LUPI6A-INXX-FAC (Flat acrylic clear lens)

			3000K					LLD @ 25C			
Performance Package	Watts System	Optic	Lumen Output	Efficacy (LM/W)	B	U	G	25K Hours	50K Hours	75K Hours	100K Hours
P10	25.3	ASY	3267	129	1	0	1	0.96	0.91	0.86	0.82
		PATH	3254	129	2	0	2				
		SYM	3374	133	2	0	1				
P20	34.9	ASY	4611	132	1	0	1	0.96	0.91	0.86	0.82
		PATH	4593	132	2	0	2				
		SYM	4761	136	2	0	1				
P30	54.1	ASY	7152	132	2	0	2	0.96	0.91	0.86	0.82
		PATH	7123	132	3	0	3				
		SYM	7385	137	3	0	1				
P40	86.4	ASY	11317	131	3	0	3	0.96	0.91	0.86	0.82
		PATH	11271	130	3	0	3				
		SYM	11686	135	3	0	2				
P50	121.2	ASY	15381	127	3	0	3	0.95	0.89	0.83	0.78
		PATH	15319	126	4	0	4				
		SYM	15882	131	4	0	2				

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Lumen ratio for different CCT

3000K

1.00

4000K

1.00