

Project:

Qty:

Luminaire:

Order:

Type:

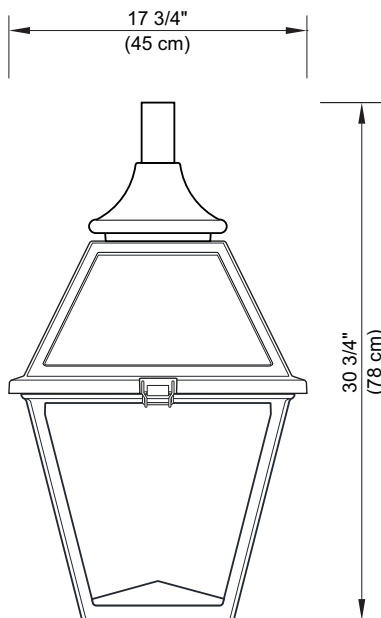
Roof module: Classic lantern styling, square section, injected molded cast aluminum A360 housing. An A356 aluminum decorative element is mechanically attached to the roof module. Fitted with a vertical tenon of Ø 1 7/8" (4.7cm) O.D. by 4" (10cm) long with a 0.200" (0,5cm) wall. The luminaire is suspended from a mounting with a 2 3/8" (6cm) outside Ø by 5 1/2" (14mm) minimum length, and 0.156" (0,4cm) wall tenon by means of set screws and a locking bolt. The roof module is mechanical assembled to the cage module by two hinges, and a latch that allows tool-free access to the driver

Optical Module: The molded A384 aluminum heat sink is designed to minimize the temperature of the LEDs, increasing their longevity and efficiency. The optical module is mechanically assembled to the heat-sink for easy replacement. The optical module is fully IP67 thanks to a molded silicone gasket. The high efficiency Orion LED optical engine is mechanically assembled on the heat sink. 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 70. The optical acrylic lens are designed to illuminate only where needed while achieving excellent uniformity with maximum spacing. The optical acrylic lens are sealed on the LED board. The light distribution type according to IES is . A white decorative plastic protection plate is mechanically assembled under the optical module.

Cage Module: The injection molded cast aluminum A360 cage module is mechanically assembled to the optical module for easy replacement. The luminaire is without a lens or with a flat lens attached to the optical module.

Driver: Sol By Sunna Design Solar Engine

Wiring / Hardware: Type TEW 14-7, 12" (30cm) minimum exceeding luminaire. All electrical connections between the modules are provided with quick-disconnect connectors for easy maintenance. All outside accessible hardware is stainless steel.



EPA: 1.50 ft²

Weight: 27 lbs / 12 kg

Color: textured or smooth finish. The application of durable polyester powder coating meets AAMA 2604 requirements (5 years at all weather conditions). The finish meets ASTM G7, B117, D1654 and D2247 standards for salt spray and moisture.

Cyclone recommends a textured finish for this product.

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

MG: Marine grade pre-finish available as an option.

Warranty: 5-year limited warranty. Complete warranty terms located at:
www.acuitybrands.com/support/warranty/terms-and-conditions

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.

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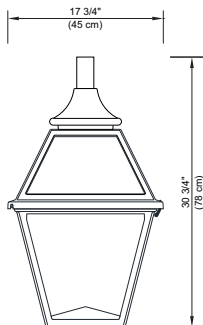
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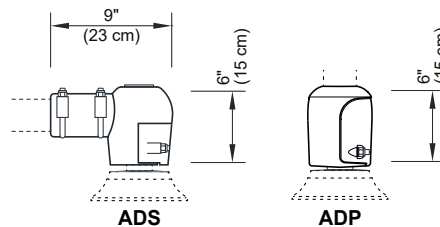
Model	Lens	Distribution	Performance Package	CCT	Solar	
HUDP1A	FGC Flat Glass Clear	T1 Type 1 T1A Type 1A T1AHS Type 1A with HS T2 Type 2 T2HS Type 2 with HS T2M Type 2M T2MHS Type 2M with HS T3 Type 3 T3HS Type 3 with HS T3M Type 3M T3MHS Type 3M with HS T4 Type 4 T4HS Type 4 with HS T5 Type 5	P10 (3000lm) P20 (4400lm) P30 (5700lm) P40 (7000lm) P50 (8000lm) P60 (10500lm) P70 (13700lm)	30K 3000K 40K 4000K		

Adaptor			Color	Texture	Pre Finish
Fitted with a vertical tenon of Ø 1 7/8" (4.7cm) O.D. and 0.203" (0.5cm) wall ADS Side Mount Adaptor ADP Suspended Mounting Adaptor			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 BKH* Black Holophane (smooth only) BZH* Dark bronze Holophane (smooth only) GNH* Green Holophane (smooth only) GHH* Graphite Holophane (smooth only) GRH* Gray Holophane (smooth only) SLH* Silver Holophane (smooth only) WHH* White Holophane (smooth only) * Holophane colors	SM Smooth	MG Marine grade pre-finish



EPA: 1.50 ft²
Weight: 27 lbs (12 kg)

Optional Adaptors



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 Please consult our web site for up-to-date product information and IES files.

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Photometric Data Tables

Hudson - HUDP1A-FGC (Suspended) - Flat Glass Clear

			30K					40K					LLD @ 25C			
Performance Package	Watts System	Optic	Lumen Output	Efficacy (LM/W)	B	U	G	Lumen Output	Efficacy (LM/W)	B	U	G	25K Hours	50K Hours	75K Hours	100K Hours
P10	22,8	T1	2666	117	1	0	1	2800	123	1	0	1	0,99	0,98	0,98	0,98
		T1A	2625	115	1	0	1	2757	121	1	0	1				
		T2	2474	109	1	0	1	2598	114	1	0	1				
		T2M	2683	118	1	0	1	2817	124	1	0	1				
		T3	2438	107	1	0	1	2559	112	1	0	1				
		T3M	2435	107	1	0	1	2556	112	1	0	1				
		T4	2413	106	1	0	1	2533	111	1	0	1				
	T5	2492	109	1	0	1	2616	115	1	0	1					
P20	33,4	T1	3812	114	2	0	1	4003	120	2	0	1	0,99	0,98	0,98	0,98
		T1A	3753	112	1	0	1	3941	118	1	0	1				
		T2	3537	106	1	0	1	3714	111	1	0	1				
		T2M	3836	115	1	0	1	4028	121	1	0	1				
		T3	3485	104	1	0	1	3659	110	1	0	1				
		T3M	3481	104	1	0	1	3655	109	1	0	1				
		T4	3449	103	1	0	1	3622	108	1	0	1				
	T5	3562	107	2	0	1	3740	112	2	0	1					
P30	43,8	T1	4916	112	2	0	2	5162	118	2	0	2	0,99	0,98	0,98	0,98
		T1A	4841	111	2	0	1	5083	116	2	0	1				
		T2	4562	104	1	0	1	4790	109	1	0	1				
		T2M	4947	113	1	0	1	5194	119	1	0	1				
		T3	4494	103	1	0	1	4719	108	1	0	1				
		T3M	4489	102	1	0	1	4713	108	1	0	1				
		T4	4448	102	1	0	1	4671	107	1	0	1				
	T5	4594	105	2	0	1	4823	110	2	0	1					
P40	55,1	T1	5979	109	2	0	2	6278	114	2	0	2	0,97	0,97	0,96	0,95
		T1A	5887	107	2	0	1	6182	112	2	0	1				
		T2	5548	101	1	0	1	5826	106	1	0	1				
		T2M	6017	109	1	0	1	6318	115	1	0	1				
		T3	5466	99	1	0	1	5739	104	1	0	1				
		T3M	5459	99	1	0	1	5732	104	1	0	1				
		T4	5410	98	1	0	2	5680	103	1	0	2				
	T5	5587	101	3	0	1	5866	106	3	0	1					
P50	63,5	T1	6820	107	2	0	2	7161	113	2	0	2	0,97	0,97	0,96	0,95
		T1A	6715	106	2	0	2	7050	111	2	0	2				
		T2	6328	100	1	0	1	6645	105	1	0	1				
		T2M	6862	108	2	0	1	7205	113	2	0	1				
		T3	6234	98	1	0	1	6546	103	1	0	1				
		T3M	6227	98	2	0	1	6538	103	2	0	1				
		T4	6170	97	1	0	2	6479	102	1	0	2				
	T5	6372	100	3	0	1	6691	105	3	0	1					
P60	85,3	T1	9105	107	3	0	2	9561	112	3	0	2	0,97	0,97	0,96	0,95
		T1A	8965	105	3	0	2	9414	110	3	0	2				
		T2	8449	99	2	0	1	8872	104	2	0	1				
		T2M	9163	107	2	0	2	9621	113	2	0	2				
		T3	8324	98	1	0	2	8740	102	1	0	2				
		T3M	8314	97	2	0	2	8729	102	2	0	2				
		T4	8238	97	1	0	2	8650	101	1	0	2				
	T5	8508	100	3	0	1	8933	105	3	0	1					
P70	110,9	T1	11853	107	3	0	3	12445	112	3	0	3	0,97	0,97	0,96	0,95
		T1A	11670	105	3	0	2	12254	110	3	0	2				
		T2	10999	99	2	0	2	11549	104	2	0	2				
		T2M	11927	108	2	0	2	12523	113	2	0	2				
		T3	10835	98	2	0	2	11377	103	2	0	2				
		T3M	10822	98	2	0	2	11363	102	2	0	2				
		T4	10724	97	2	0	2	11260	102	2	0	2				
	T5	11075	100	3	0	2	11629	105	3	0	2					

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Lumen ratio for different CCT					
PC Amber	2200K	2700K	3000K	4000K	5000K
0,6	0,75	0,95	0,95	1,00	1,00