

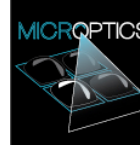
Our Horizon Mast Arm luminaire is a blend of beautiful luminaire design which is a compliment to commercial or recreational pathways. It is named the Horizon because the luminaire is intended to be a vehicle of which the horizon can be viewed through the inside and around the luminaire without obstruction.

This Dark Sky Friendly Full Cutoff luminaire utilizes silicone Micro Optics to distribute light uniformly as its LEDs are recessed and hidden. Its performance exceeds IES minimum foot candle levels at lower wattage and extends maintenance cycles throughout its lifetime. Horizon MA is available in (warm) 3000, (neutral) 4000 and (cool) 5000 Kelvin temperatures and a range of 18 to 205 watts.

Built to conform to the strictest Made in America standards. Designed, tooled, fabricated and assembled in the USA.



* Showing Dome Top Option



MICRO OPTIC SYSTEM

Our new cell-inclosed, micro optic silicone modules produce high clarity and outstanding performance.

LED WATTAGE CHART

	16L	32L	48L	64L
350 milliamps	18w	-	-	-
530 milliamps	28w	56w	-	-
700 milliamps	36w	71w	104w	136w
1050 milliamps	56w	106w	156w	205w

Project Name: _____ Type: _____

Cat #	Light Dist.	No. of LEDs	Milliamps	Kelvin	Volts	Mounting	Color	Options
Horizon 1 (HRZ-1)	Type 2 (T2)	16 (16L)	350 (35) <i>*16L Only</i>	3000 (30K)	120-277 (UNV)	Mast Arm Over 2-3/8" OD (MA)	Bronze (BRZ)	Dome Top (DT)
	Type 3 (T3)	32 (32L)	530 (53) <i>*16L-32L Only</i>	4000 (40K)	347-480 (HV)		White (WHT)	Marine Grade Finish (MGF)
	Type 4 (T4)	48 (48L)	700 (7)	5000 (50K)			Silver (SVR)	Nema 7-Pin Receptacle (PE7)
	Type 5 (T5)	64 (64L)	1050 (1)				Hunter Green (HGN)	Receptacle + Short.Cap (PER)
							Black (BLK)	Photocell (PC) <i>*Universal Voltage 120-277</i>
						Graphite (GPH)	Surge Protector (10K)	
						Grey (GRY)	FSP-211 with Motion Sensor (Universal Voltage) (FSP-8) *For 8' + Below (FSP-20) *For 9' to 20' (FSP-40) *For 21' to 40'	
						Custom (CS)	House Side Shields (HSS)	

PRODUCT SPECIFICATIONS

Housing: Low Profile Cast, Spun Aluminum Housing + Frame
LED: Lumileds Luxeon MX. CRI 70
Optics: Micro Optics; T2, T3, T4 and T5
Watts: 18-205
L70 Depreciation: 483,000 Hours (@77°F/ 25°C)
L90: 70,000
Listings: Conforms to UL 1598 Standards

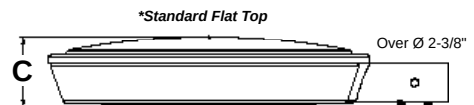
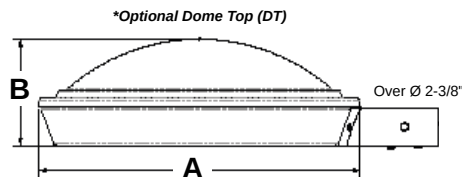
Driver: 0-10V Dimming driver as standard by Philips Advance
 THD @ Max Load < 15%
 Power Factor @ Max Load < 0.95
Kelvin: 3000, 4000, or 5000
Finish: 3-5 mils Powder Coat
Warranty: Standard Warranty is 5 years for Driver and LEDs

PRODUCT DIMENSIONS

LUMEN DATA CHART

PART NUMBER	T2 LUMENS	T2 LM/W	T3 LUMENS	T3 LM/W	T3-HSS LUMENS	T3-HSS LM/W	T4 LUMENS	T4 LM/W	T4-HSS LUMENS	T4-HSS LM/W	T5 LUMENS	T5 LM/W	Watts
HRZ-1-16L-35-30K	2142	119	2088	116	1044	58	2070	115	1026	57	2160	120	18
HRZ-1-16L-35-40K	2305	128	2247	125	1116	62	2227	124	1098	61	2322	129	18
HRZ-1-16L-35-50K	2356	131	2297	128	1188	66	2277	127	1170	65	2376	132	18
HRZ-1-16L-53-30K	3275	117	3192	114	1624	58	3165	113	1596	57	3304	118	28
HRZ-1-16L-53-40K	3524	126	3435	123	1736	62	3406	122	1708	61	3556	127	28
HRZ-1-16L-53-50K	3603	129	3511	125	1848	66	3482	124	1820	65	3640	130	28
HRZ-1-16L-7-30K	4100	114	4115	111	2088	58	4003	111	2052	57	4176	116	36
HRZ-1-16L-7-40K	4411	123	4300	119	2232	62	4308	120	2196	61	4500	125	36
HRZ-1-16L-7-50K	4510	125	4396	122	2376	66	4404	122	2340	65	4608	128	36
HRZ-1-16L-1-30K	5858	105	5712	102	3248	58	5661	101	3192	57	5880	105	56
HRZ-1-16L-1-40K	6303	113	6146	110	3472	62	6091	109	3416	61	6328	113	56
HRZ-1-16L-1-50K	6443	115	6283	112	3696	66	6227	111	3640	65	6496	116	56
HRZ-1-32L-53-30K	5858	105	5712	102	3248	58	5661	101	3192	57	5880	105	56
HRZ-1-32L-53-40K	6303	113	6146	110	3472	62	6091	109	3416	61	6328	113	56
HRZ-1-32L-53-50K	6443	115	6283	112	3696	66	6227	111	3640	65	6496	116	56
HRZ-1-32L-7-30K	7427	105	7881	111	4118	58	7896	111	4047	57	8236	116	71
HRZ-1-32L-7-40K	7991	113	8480	119	4402	62	8496	120	4331	61	8875	125	71
HRZ-1-32L-7-50K	8169	115	8669	122	4686	66	8685	122	4615	65	9088	128	71
HRZ-1-32L-1-30K	11088	105	10812	102	6148	58	10715	101	6042	57	11130	105	106
HRZ-1-32L-1-40K	11930	113	11634	110	6572	62	11529	109	6466	61	11978	113	106
VSR-1-32L-1-50K	12196	115	11893	112	6996	66	11787	111	6890	65	12296	116	106
HRZ-1-48L-7-30K	11844	114	11544	111	6032	58	11648	112	5928	57	12068	116	104
HRZ-1-48L-7-40K	12744	123	12421	119	6448	62	12444	120	6344	61	12985	125	104
HRZ-1-48L-7-50K	13028	125	12698	122	6864	66	12792	123	6760	65	13275	128	104
HRZ-1-48L-1-30K	16318	105	15912	102	9048	58	15769	101	8892	57	16455	105	156
HRZ-1-48L-1-40K	17558	113	17121	110	9672	62	16968	109	9516	61	17705	113	156
HRZ-1-48L-1-50K	17950	115	17503	112	10296	66	17346	111	10140	65	18100	116	156
HRZ-1-64L-7-30K	15488	114	15096	111	7888	58	15124	111	7752	57	15781	116	136
HRZ-1-64L-7-40K	16665	123	16243	119	8432	62	16273	120	8296	61	16981	125	136
HRZ-1-64L-7-50K	17037	125	16606	122	8976	66	16728	123	8840	65	17359	128	136
HRZ-1-64L-1-30K	23346	114	22755	111	11890	58	20722	101	11685	57	23780	116	205
HRZ-1-64L-1-40K	25120	123	24484	119	12710	62	22297	109	12505	61	25625	125	205
HRZ-1-64L-1-50K	25681	125	25031	122	13530	66	22795	111	13325	65	26240	128	205

DIMENSION	HRZ-1
A	24.00 in
B	8.00 in
C	5.27 in



EPA	STD TOP	DOME TOP
HRZ-1	.92	1.17

