

FEATURES

- 2', 3', 4', 6' & 8' Housing Lengths
- Sections can be joined for runs up to 150' with seamless lens
- IP66 Rated
- Symmetric, Asymmetric, Wall Graze & Wall Wash Distributions
- "L", "T" & "X" Illuminated connectors for custom shapes
- Output up to 1,500 lm/ft
- Surface, fixed arm, adjustable arm, pendant, wall & mullion mounting options



PURSUIT DOWN



Pursuit Direct

RELATED PRODUCTS

[RNI](#)

[RND](#)

[RNR](#)

CONTROL TECHNOLOGY



SPECIFICATIONS

CONSTRUCTION

- The housing endcaps are die-cast while the rest of the housing is extrusion AL6063-T5
- Standard configurations have an extrusion acrylic lens, clear or diffused. No glass lens
- Luminaire finish consist of a five stage pretreatment regimen with a polymer primer sealer, oven dry off, and top coated with a thermoset super TGIC polyester powder coat finish

OPTICS

- LEDs are mounted to a FR4 printed circuit board assembly
- Optical lenses is clear extruded PMMA acrylic
- Optical array is recessed in order to shield each LED optic across the length of the aperture
- The luminaire is IP66 rated
- Secondary external lens is 1/16" diffuse acrylic

INSTALLATION

- Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury

ELECTRICAL

- Luminaires will have integral surge protection that shall be U.L. recognized and have a surge current rating of 10,000 Amps using the industry standard 8/20uSec wave and surge rating of 372J
- Integral battery backup provides emergency path of egress lighting for the required 90 minutes for 0°C to 40°C ambient temperature, excluding 2' fixture

CONTROLS

- Button photo control for dusk to dawn energy savings
- Photocell is factory installed in accessory housing. For multiple/continuous row applications, one fixture is supplied with a photocell to operate multiple luminaires
- 0-10V dimming leads available for use with control devices provided by others
- Dimming Occupancy Sensor-SCP

SITESYNC™

- SiteSync™ wireless control system for reduction in energy and maintenance cost while optimizing light quality 24/7. See ordering information or visit www.hubbellighting.com/products/sitesync for more details

NX DISTRIBUTED INTELLIGENCE™

- Hubbell Control Solutions' NX Distributed Intelligence™ lighting control platform utilizes a Distributed Network Architecture (DNA) that connects intelligent devices including luminaires, controllers, panels, occupancy sensors, photocells, wall switches and dimmers, creating a system with an unmatched level of reliability, scalability and simplicity
- Photocell adapter includes an internal twist lock receptacle. Photocell by others

CERTIFICATIONS

- Listed to UL1598 and CSA C22.2#250.0-24 for wet locations and -25°C to 40°C ambient temperature
- IP66 Rated
- IP68 Rated Connector Cables
- RoHS Compliant
- ANSI C136.31-2010 Vibration tested and compliant 1.5G
- IEC 66262 Mechanical Impact Code IK08
- This product qualifies as a "designated country construction material" per FAR 52.225-11 Buy American-Construction Materials under Trade Agreements effective 5/29/2020. [See Buy American Solutions](http://www.buyamericansolutions.com)

WARRANTY

- See <https://www.hubbell.com/hubbellighting/en/warranty> for additional information

KEY DATA	
LUMEN RANGE	823-14,232
WATTAGE RANGE	13-163
EFFICACY RANGE (LPW)	50-115
LIFE (HOURS)	NA
INPUT CURRENT RANGE (mA)	320-2,000 mA
EPA	0.74-2.93

ORDERING GUIDE

Example: RN-D-24-8-7-3K8-SM-CL-UNV-BLS-A3-EMF1

CATALOG #

HOUSING

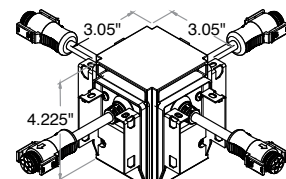
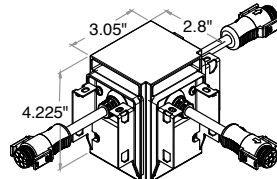
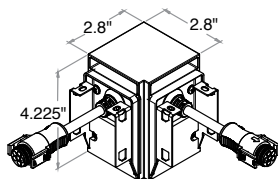
RN						
Housing	Light Engine	Row Length	Maximum Fixture Section Length	Lumen Output	CCT/CRI	Distributions
RN Pursuit Direct	D Direct (Down Light)	Manual input (150' Max length round up to nearest whole foot)	2 2' Fixture ¹ 3 3' Fixture 4 4' Fixture 6 6' Fixture 8 8' Fixture	3 300 lumens/ft ⁵ 5 500 lumens/ft 7 750 lumens/ft 10 1000 lumens/ft 15 1500 lumens/ft	27K8 2700K, 80 CRI ⁵ 27K9 2700K, 90 CRI ⁵ 3K7 3000K, 70 CRI ⁵ 3K8 3000K, 80 CRI 3K9 3000K, 90 CRI 35K8 3500K, 80 CRI 35K9 3500K, 90 CRI ⁵ 4K7 4000K, 70 CRI ⁵ 4K8 4000K, 80 CRI 4K9 4000K, 90 CRI 5K7 5000K, 70 CRI ⁵ 5K8 5000K, 80 CRI 5K9 5000K, 90 CRI ⁵	Direct Distributions SM Symmetrical AS Asymmetrical WG Wall Graze WW Wall Wash

Shielding	Voltage	Finish	Mounting	Options
DL Diffuse lens	UNV 120-277V	BLS Black Gloss Smooth	W Wall	EMF1 End Power Feed at one end
CL Clear lens	347 347V	BLT Black Matte Textured	A3 3" Adjustable arm	EMF2 End Power Feed at both ends
	480 480V	DBS Dark Bronze Gloss Smooth	A6 6" Adjustable arm	<u>Photocell Options</u>
		DBT Dark Bronze Matte Textured	A12 12" Adjustable arm	PC Button Photocell ²
		GTT Graphite Matte Textured	F3 3" Fixed arm	<u>Control Options-Not with PC ²</u>
		LGS Light Grey Gloss Smooth	F6 6" Fixed arm	SCP SiteSync™ Remote control programmable line voltage occupancy sensor
		LGT Light Grey Matte Textured	F12 12" Fixed arm	SWUSB SiteSync™ Software on USB
		PSS Platinum Silver Gloss Smooth	M Mullion	SWTAB SiteSync™ Windows Tablet
		VGT Verde Green Matte Textured	S Surface	SWBRG SiteSync™ Wireless Bridge Node
		WHS White Gloss Smooth	PSW12 12" Pendant	SCPREMOTE Remote control for SCP option. Order at least one per project to program and control the occupancy sensor ⁶
		WHT White Matte Textured	PSW24 24" Pendant	SWP SiteSync™ Wireless
		Color Option	PSW36 36" Pendant	SWPM SiteSync™ Wireless with SCP
		CC ⁴ Custom Color		NXWE NX Wireless Enabled
				NXOSW NX Wireless, PIR Occupancy Sensor, Dimming Daylight Harvesting
				<u>Emergency Battery Option</u>
				EM Battery Backup Unit (0°C) ³

ACCESSORIES

Non Illuminated Connectors (Enables Custom Shapes)

RNLTX-L L shape
RNLTX-T T shape
RNLTX-XX shape



LUMINAIRE PERFORMANCE - DOWN LIGHT

Section Length	Lumens/ft	Lumen Package	Lens	Distribution	3K8 3000K 80CRI		3K9 3000K 90CRI		35K8 3500K 80CRI		4K8 4000K 80CRI		4K9 4000K 90CRI		5K8 5000K 80CRI	
					Lumen	LPW	Lumen	LPW	Lumen	LPW	Lumen	LPW	Lumen	LPW	Lumen	LPW
2 FT Up	500	1,000	Diffuse	SM	1138	87	922	70	1150	88	1181	90	957	73	1225	94
			Clear		1275	97	1033	79	1288	98	1323	101	1071	82	1372	105
			Diffuse	AS	1016	78	823	63	1026	78	1054	80	854	65	1093	83
			Clear		1164	89	943	72	1176	90	1201	92	973	74	1234	94
			Diffuse	WG	1198	91	970	74	1210	92	1243	95	1007	77	1289	98
			Clear		1329	101	1076	82	1342	102	1379	105	1117	85	1430	109
			Diffuse	WW	1016	78	823	63	1026	78	1054	80	854	65	1093	83
			Clear		1164	89	943	72	1176	90	1201	92	973	74	1234	94
	750	1,500	Diffuse	SM	1646	84	1333	68	1662	85	1708	87	1383	71	1771	90
			Clear		1831	93	1483	76	1849	94	1899	97	1538	78	1970	101
			Diffuse	AS	1469	75	1190	61	1483	76	1524	78	1234	63	1580	81
			Clear		1658	85	1343	69	1675	85	1720	88	1393	71	1784	91
			Diffuse	WG	1732	88	1403	72	1749	89	1797	92	1455	74	1864	95
			Clear		1921	98	1556	79	1941	99	1993	102	1615	82	2067	105
			Diffuse	WW	1469	75	1190	61	1483	76	1524	78	1234	63	1580	81
			Clear		1658	85	1343	69	1675	85	1720	88	1393	71	1784	91
	1000	2,000	Diffuse	SM	2105	81	1705	66	2126	82	2184	84	1769	68	2265	87
			Clear		2345	90	1899	73	2368	91	2432	94	1970	76	2523	97
			Diffuse	AS	1878	72	1521	59	1897	73	1949	75	1578	61	2021	78
			Clear		2121	82	1718	66	2142	82	2200	85	1782	69	2282	88
			Diffuse	WG	2215	85	1794	69	2237	86	2298	88	1861	72	2384	92
			Clear		2457	95	1991	77	2482	95	2550	98	2065	79	2644	102
			Diffuse	WW	1878	72	1521	59	1897	73	1949	75	1578	61	2021	78
			Clear		2121	82	1718	66	2142	82	2200	85	1782	69	2282	88
	1,500	3,000	Diffuse	SM	2832	69	2294	56	2861	70	2939	71	2380	58	3048	74
			Clear		3172	77	2570	63	3204	78	3291	80	2666	65	3414	83
			Diffuse	AS	2527	61	2047	50	2553	62	2622	64	2124	52	2720	66
			Clear		2853	69	2311	56	2882	70	2960	72	2398	58	3070	75
			Diffuse	WG	2980	73	2414	59	3010	73	3092	75	2505	61	3207	78
			Clear		3306	80	2678	65	3340	81	3430	83	2779	68	3558	87
			Diffuse	WW	2527	61	2047	50	2553	62	2622	64	2124	52	2720	66
			Clear		2853	69	2311	56	2882	70	2960	72	2398	58	3070	75

LUMINAIRE PERFORMANCE - DOWN LIGHT (CONTINUED)

Section Length	Lumens/ft	Lumen Package	Lens	Distribution	3K8 3000K 80CRI		3K9 3000K 90CRI		35K8 3500K 80CRI		4K8 4000K 80CRI		4K9 4000K 90CRI		5K8 5000K 80CRI	
					Lumen	LPW	Lumen	LPW	Lumen	LPW	Lumen	LPW	Lumen	LPW	Lumen	LPW
3 FT Up	500	1,500	Diffuse	SM	1708	89	1383	72	1725	90	1772	93	1435	75	1838	96
			Clear		1912	100	1549	81	1932	101	1984	104	1607	84	2058	108
			Diffuse	AS	1524	80	1234	65	1539	81	1581	83	1280	67	1640	86
			Clear		1720	90	1393	73	1737	91	1785	93	1445	76	1851	97
			Diffuse	WG	1797	94	1455	76	1815	95	1864	98	1510	79	1934	101
			Clear		1993	104	1615	85	2013	105	2068	108	1675	88	2145	112
			Diffuse	WW	1524	80	1234	65	1539	81	1581	83	1280	67	1640	86
			Clear		1720	90	1393	73	1737	91	1785	93	1445	76	1851	97
	750	2,250	Diffuse	SM	2469	86	2000	70	2493	87	2561	90	2075	73	2657	93
			Clear		2746	96	2224	78	2774	97	2849	100	2308	81	2955	103
			Diffuse	AS	2203	77	1784	62	2225	78	2285	80	1851	65	2370	83
			Clear		2487	87	2014	70	2512	88	2580	90	2090	73	2676	94
			Diffuse	WG	2598	91	2104	74	2624	92	2695	94	2183	76	2795	98
			Clear		2882	101	2334	82	2911	102	2990	105	2422	85	3101	108
			Diffuse	WW	2203	77	1784	62	2225	78	2285	80	1851	65	2370	83
			Clear		2487	87	2014	70	2512	88	2580	90	2090	73	2676	94
	1000	3,000	Diffuse	SM	3158	82	2558	67	3189	83	3276	85	2654	69	3398	88
			Clear		3517	92	2849	74	3552	93	3649	95	2955	77	3785	99
			Diffuse	AS	2817	73	2282	59	2846	74	2923	76	2368	62	3032	79
			Clear		3181	83	2577	67	3213	84	3300	86	2673	70	3423	89
			Diffuse	WG	3323	87	2691	70	3356	87	3447	90	2792	73	3576	93
			Clear		3686	96	2986	78	3723	97	3824	100	3098	81	3967	103
			Diffuse	WW	2817	73	2282	59	2846	74	2923	76	2368	62	3032	79
			Clear		3181	83	2577	67	3213	84	3300	86	2673	70	3423	89
	1,500	4,500	Diffuse	SM	4249	69	3441	56	4291	70	4408	72	3570	58	4572	75
			Clear		4759	78	3854	63	4806	79	4937	81	3999	65	5121	84
			Diffuse	AS	3791	62	3071	50	3829	63	3933	64	3186	52	4079	67
			Clear		4280	70	3467	57	4323	71	4440	73	3597	59	4606	75
			Diffuse	WG	4471	73	3621	59	4515	74	4638	76	3757	61	4811	79
			Clear		4960	81	4017	66	5009	82	5146	84	4168	68	5337	87
			Diffuse	WW	3791	62	3071	50	3829	63	3933	64	3186	52	4079	67
			Clear		4280	70	3467	57	4323	71	4440	73	3597	59	4606	75

LUMINAIRE PERFORMANCE - DOWN LIGHT (CONTINUED)

Section Length	Lumens/ft	Lumen Package	Lens	Distribution	3K8 3000K 80CRI		3K9 3000K 90CRI		35K8 3500K 80CRI		4K8 4000K 80CRI		4K9 4000K 90CRI		5K8 5000K 80CRI	
					Lumen	LPW	Lumen	LPW	Lumen	LPW	Lumen	LPW	Lumen	LPW	Lumen	LPW
4 FT Up	500	2000	Diffuse	SM	2277	91	1844	74	2300	92	2362	94	1913	77	2450	98
			Clear		2550	102	2065	83	2575	103	2645	106	2143	86	2744	110
			Diffuse	AS	2031	81	1645	66	2052	82	2108	84	1707	68	2186	87
			Clear		2293	92	1858	74	2316	93	2379	95	1927	77	2468	99
			Diffuse	WG	2396	96	1941	78	2420	97	2485	99	2013	81	2578	103
			Clear		2658	106	2153	86	2684	107	2757	110	2233	89	2860	114
			Diffuse	WW	2031	81	1645	66	2052	82	2108	84	1707	68	2186	87
			Clear		2293	92	1858	74	2316	93	2379	95	1927	77	2468	99
	750	3,000	Diffuse	SM	3292	87	2666	71	3325	88	3415	90	2766	73	3542	94
			Clear		3661	97	2966	78	3698	98	3799	100	3077	81	3940	104
			Diffuse	AS	2937	78	2379	63	2966	78	3047	81	2468	65	3161	84
			Clear		3316	88	2686	71	3349	89	3440	91	2787	74	3568	94
			Diffuse	WG	3464	92	2806	74	3498	93	3593	95	2911	77	3727	99
			Clear		3843	102	3113	82	3881	103	3987	105	3229	85	4135	109
			Diffuse	WW	2937	78	2379	63	2966	78	3047	81	2468	65	3161	84
			Clear		3316	88	2686	71	3349	89	3440	91	2787	74	3568	94
	1000	4,000	Diffuse	SM	4210	81	3410	66	4252	82	4368	84	3538	68	4531	87
			Clear		4689	91	3798	73	4736	91	4865	94	3941	76	5046	97
			Diffuse	AS	3757	73	3043	59	3794	73	3897	75	3157	61	4042	78
			Clear		4241	82	3435	66	4284	83	4400	85	3564	69	4564	88
			Diffuse	WG	4430	86	3589	69	4475	86	4596	89	3723	72	4767	92
			Clear		4915	95	3981	77	4964	96	5099	98	4130	80	5289	102
			Diffuse	WW	3757	73	3043	59	3794	73	3897	75	3157	61	4042	78
			Clear		4241	82	3435	66	4284	83	4400	85	3564	69	4564	88
	1,500	6,000	Diffuse	SM	5665	69	4589	56	5722	70	5877	72	4760	58	6096	75
			Clear		6345	78	5139	63	6408	78	6582	80	5332	65	6828	83
			Diffuse	AS	5055	62	4094	50	5105	62	5244	64	4248	52	5439	66
			Clear		5707	70	4622	57	5764	70	5920	72	4795	59	6141	75
			Diffuse	WG	5961	73	4828	59	6021	74	6184	76	5009	61	6414	78
			Clear		6613	81	5357	65	6679	82	6861	84	5557	68	7116	87
			Diffuse	WW	5055	62	4094	50	5105	62	5244	64	4248	52	5439	66
			Clear		5707	70	4622	57	5764	70	5920	72	4795	59	6141	75

LUMINAIRE PERFORMANCE - DOWN LIGHT (CONTINUED)

Section Length	Lumens/ft	Lumen Package	Lens	Distribution	3K8 3000K 80CRI		3K9 3000K 90CRI		35K8 3500K 80CRI		4K8 4000K 80CRI		4K9 4000K 90CRI		5K8 5000K 80CRI	
					Lumen	LPW	Lumen	LPW	Lumen	LPW	Lumen	LPW	Lumen	LPW	Lumen	LPW
6 FT Up	500	3,000	Diffuse	SM	3415	92	2766	74	3449	93	3543	95	2870	77	3675	99
			Clear		3825	103	3098	83	3863	104	3968	107	3214	86	4116	111
			Diffuse	AS	3047	82	2468	66	3078	83	3161	85	2561	69	3279	88
			Clear		3440	92	2787	75	3475	93	3569	96	2891	78	3702	100
			Diffuse	WG	3594	97	2911	78	3630	98	3728	100	3020	81	3867	104
			Clear		3987	107	3229	87	4027	108	4136	111	3350	90	4290	115
			Diffuse	WW	3047	82	2468	66	3078	83	3161	85	2561	69	3279	88
			Clear		3440	92	2787	75	3475	93	3569	96	2891	78	3702	100
	750	4,500	Diffuse	SM	4938	88	3999	71	4987	89	5123	91	4149	74	5313	95
			Clear		5492	98	4449	79	5547	99	5698	102	4615	82	5910	106
			Diffuse	AS	4406	79	3569	64	4450	79	4571	82	3702	66	4741	85
			Clear		4974	89	4029	72	5024	90	5160	92	4180	75	5352	96
			Diffuse	WG	5196	93	4208	75	5248	94	5390	96	4366	78	5591	100
			Clear		5764	103	4669	83	5822	104	5980	107	4844	86	6202	111
			Diffuse	WW	4406	79	3569	64	4450	79	4571	82	3702	66	4741	85
			Clear		4974	89	4029	72	5024	90	5160	92	4180	75	5352	96
	1000	6,000	Diffuse	SM	6316	83	5116	67	6379	84	6552	86	5307	70	6796	89
			Clear		7034	93	5697	75	7104	93	7297	96	5911	78	7569	100
			Diffuse	AS	5635	74	4564	60	5691	75	5846	77	4735	62	6064	80
			Clear		6362	84	5153	68	6426	85	6600	87	5346	70	6846	90
			Diffuse	WG	6645	87	5383	71	6712	88	6894	91	5584	73	7151	94
			Clear		7372	97	5972	79	7446	98	7649	101	6195	82	7933	104
			Diffuse	WW	5635	74	4564	60	5691	75	5846	77	4735	62	6064	80
			Clear		6362	84	5153	68	6426	85	6600	87	5346	70	6846	90
	1,500	9,000	Diffuse	SM	8497	69	6883	56	8582	69	8816	71	7141	58	9144	74
			Clear		9517	77	7709	62	9612	78	9874	80	7998	64	10241	83
			Diffuse	AS	7582	61	6141	50	7658	62	7866	63	6371	51	8159	66
			Clear		8560	69	6934	56	8645	70	8880	72	7193	58	9211	74
			Diffuse	WG	8941	72	7243	58	9031	73	9276	75	7514	61	9622	78
			Clear		9919	80	8035	65	10019	81	10291	83	8336	67	10674	86
			Diffuse	WW	7582	61	6141	50	7658	62	7866	63	6371	51	8159	66
			Clear		8560	69	6934	56	8645	70	8880	72	7193	58	9211	74

LUMINAIRE PERFORMANCE - DOWN LIGHT (CONTINUED)

Section Length	Lumens/ft	Lumen Package	Lens	Distribution	3K8 3000K 80CRI		3K9 3000K 90CRI		35K8 3500K 80CRI		4K8 4000K 80CRI		4K9 4000K 90CRI		5K8 5000K 80CRI	
					Lumen	LPW	Lumen	LPW	Lumen	LPW	Lumen	LPW	Lumen	LPW	Lumen	LPW
8 FT Up	500	4,000	Diffuse	SM	4554	92	3688	74	4599	93	4724	95	3827	77	4900	99
			Clear		5100	103	4131	83	5151	104	5291	106	4286	86	5488	110
			Diffuse	AS	4063	82	3291	66	4103	83	4215	85	3414	69	4372	88
			Clear		4587	92	3715	75	4633	93	4759	96	3855	78	4936	99
			Diffuse	WG	4791	96	3881	78	4839	97	4971	100	4026	81	5156	104
			Clear		5316	107	4306	87	5369	108	5515	111	4467	90	5720	115
			Diffuse	WW	4063	82	3291	66	4103	83	4215	85	3414	69	4372	88
			Clear		4587	92	3715	75	4633	93	4759	96	3855	78	4936	99
	750	6,000	Diffuse	SM	6583	88	5333	71	6649	89	6830	91	5532	74	7084	95
			Clear		7323	98	5931	79	7396	99	7597	102	6154	82	7880	105
			Diffuse	AS	5874	79	4758	64	5933	79	6094	81	4936	66	6321	85
			Clear		6632	89	5372	72	6698	90	6880	92	5573	75	7136	95
			Diffuse	WG	6927	93	5611	75	6997	94	7187	96	5821	78	7455	100
			Clear		7685	103	6225	83	7762	104	7973	107	6458	86	8270	111
			Diffuse	WW	5874	79	4758	64	5933	79	6094	81	4936	66	6321	85
			Clear		6632	89	5372	72	6698	90	6880	92	5573	75	7136	95
	1000	8,000	Diffuse	SM	8421	81	6821	66	8505	82	8736	84	7076	68	9061	87
			Clear		9378	91	7597	73	9472	91	9730	94	7881	76	10092	97
			Diffuse	AS	7513	73	6086	59	7588	73	7795	75	6314	61	8085	78
			Clear		8483	82	6871	66	8567	83	8800	85	7128	69	9128	88
			Diffuse	WG	8861	86	7177	69	8949	86	9192	89	7446	72	9535	92
			Clear		9830	95	7962	77	9928	96	10198	98	8260	80	10578	102
			Diffuse	WW	7513	73	6086	59	7588	73	7795	75	6314	61	8085	78
			Clear		8483	82	6871	66	8567	83	8800	85	7128	69	9128	88
	1,500	12,000	Diffuse	SM	11330	69	9177	56	11443	70	11754	72	9521	58	12192	75
			Clear		12690	78	10279	63	12816	79	13165	81	10664	65	13655	84
			Diffuse	AS	10109	62	8188	50	10210	63	10488	64	8495	52	10878	67
			Clear		11413	70	9245	57	11527	71	11841	73	9591	59	12282	75
			Diffuse	WG	11922	73	9657	59	12041	74	12368	76	10018	61	12829	79
			Clear		13226	81	10713	66	13358	82	13721	84	11114	68	14232	87
			Diffuse	WW	10109	62	8188	50	10210	63	10488	64	8495	52	10878	67
			Clear		11413	70	9245	57	11527	71	11841	73	9591	59	12282	75

PHOTOMETRY

RN-D-4-15-4K8-AS-CL

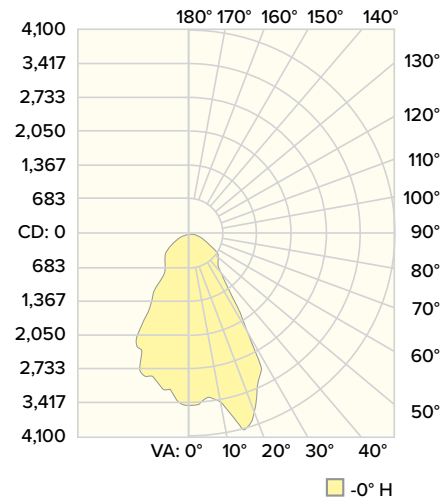
LUMINAIRE DATA

Description	4000 K, 80CRI
Delivered Lumens	5920
Watts	82
Efficacy	72.2

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30	2,616.40	44.20%
0-40	3,845.20	65%
0-60	5,439.50	91.90%
60-90	477.2	8.10%
Total Flux	5,920	100%

ISOFOOT CANDLE PLOT



RN-D-4-15-4K8-SM-CL

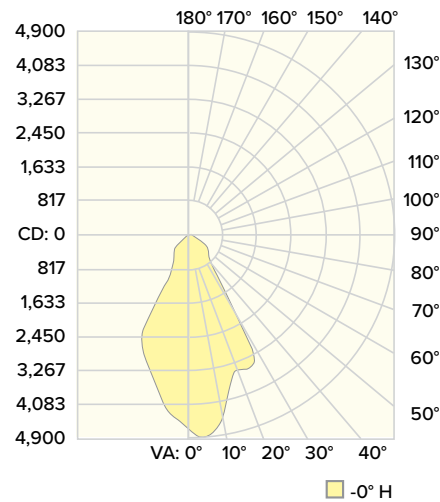
LUMINAIRE DATA

Description	4000K, 80CRI
Delivered Lumens	6582
Watts	82
Efficacy	80.3

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30	3,111.40	47.30%
0-40	4,421.00	67.20%
0-60	6,080.20	92.40%
60-90	496.8	7.60%
Total Flux	6,582	100%

ISOFOOT CANDLE PLOT



PHOTOMETRY

RN-D-4-15-4K8-WG-CL

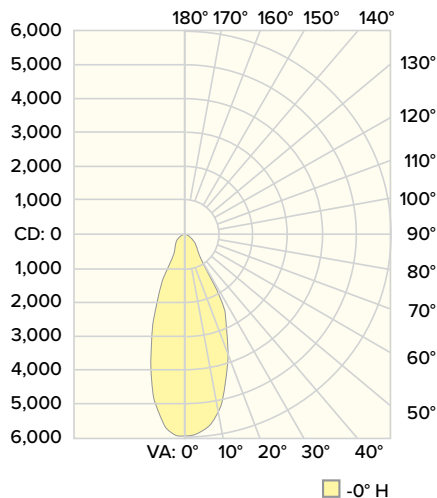
LUMINAIRE DATA

Description	4000K, 80CRI
Delivered Lumens	6860
Watts	82
Efficacy	83.7

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
0-30	3,554.00	51.90%
0-40	4,892.20	71.40%
0-60	6,460.10	94.30%
60-90	393.4	5.70%
Total Flux	6,860	100%

ISOFOOT CANDLE PLOT



RN-D-4-15-4K8-WW-CL

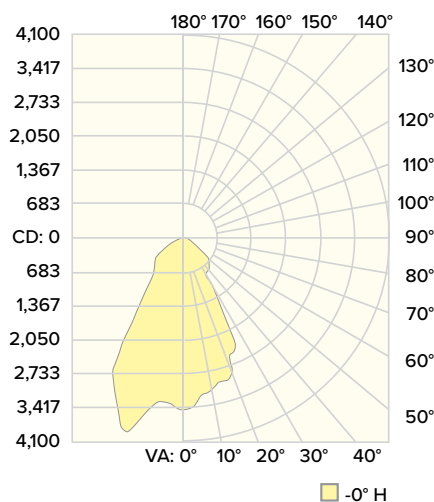
LUMINAIRE DATA

Description	4000K, 80CRI
Delivered Lumens	5920
Watts	82
Efficacy	72.2

ZONAL LUMEN SUMMARY

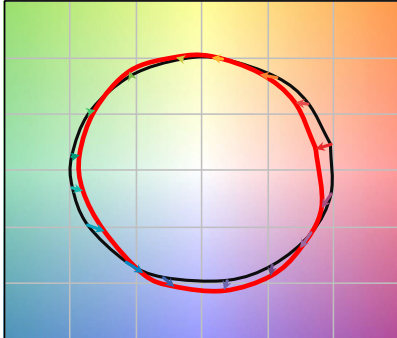
Zone	Lumens	% Luminaire
0-30	2,616.50	44.20%
0-40	3,845.00	65%
0-60	5,439.20	91.90%
60-90	477.2	8.10%
Total Flux	5,920	100%

ISOFOOT CANDLE PLOT



TM-30 DATA

COLOR VECTOR GRAPHIC



— Reference Illuminant — Test Source

TEST SOURCE

MBM TEST RESULTS	
R_f	81
R_g	96
CCT (K)	4038
D_{uv}	0.0022
x	0.3803
y	0.3814
CIE R_a	82

ELECTRICAL DATA

Pursuit Direct Power Load Matrix (10A Max Amperage)						
Version	Size (ft)	Lumen Power Level	Load (A)	System Power (W)	Max Mated Units	Total Feet
RND	2ft	500	0.114	13.1	88	150
		750	0.171	19.6	58	116
		1000	0.226	26.0	44	88
		1500	0.357	41.1	28	56
	3ft	500	0.166	19.1	60	150
		750	0.25	28.6	40	120
		1000	0.335	38.4	30	90
		1500	0.54	61.2	19	57
	4ft	500	0.219	25.0	46	150
		750	0.329	37.8	30	120
		1000	0.456	51.8	22	88
		1500	0.724	81.8	14	56
	6ft	500	0.327	37.2	31	150
		750	0.494	56.0	20	120
		1000	0.674	76.0	15	90
		1500	1.097	124.0	9	54
	8ft	500	0.432	49.7	23	150
		750	0.656	74.8	15	120
		1000	0.901	103.6	11	88
		1500	1.44	163.1	7	56

CRI LUMEN MULTIPLIER		
CCT	80 CRI	90 CRI
3000K	1	0.834
4000K	1	0.855
5000K	1	0.862

TM-21 LIFETIME CALCULATION - PROJECTED LUMEN MAINTENANCE (25°C / 77°C)						
HOURS	0	25,000	36,000	50,000	100,000	REPORTED L70
Projected Lumen Maintenance	100%	94.0%	91.9%	89.3%	80.6%	> 60,000

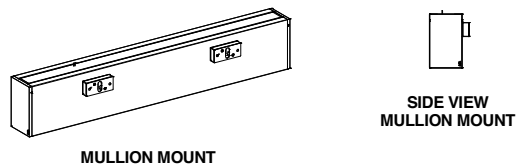
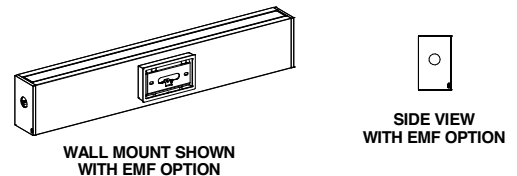
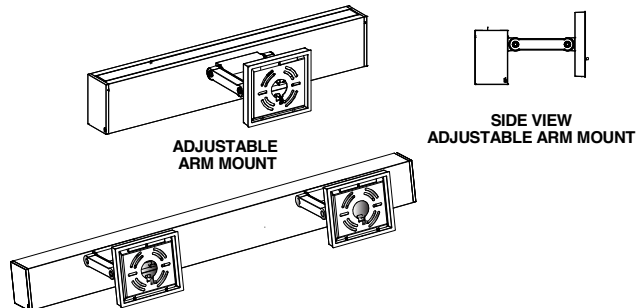
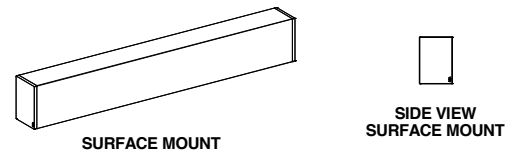
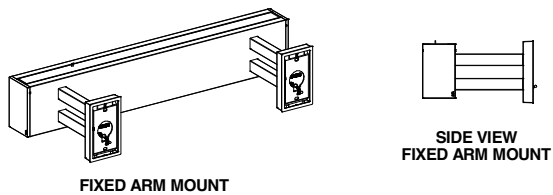
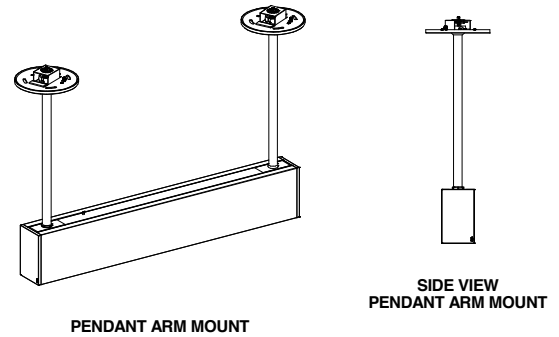
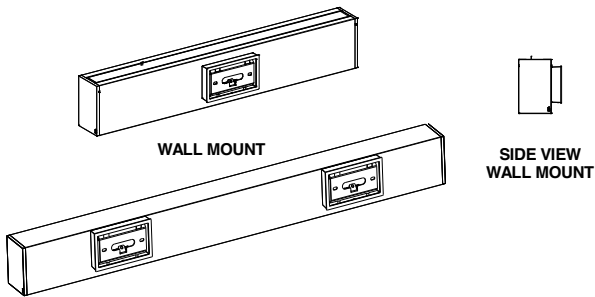
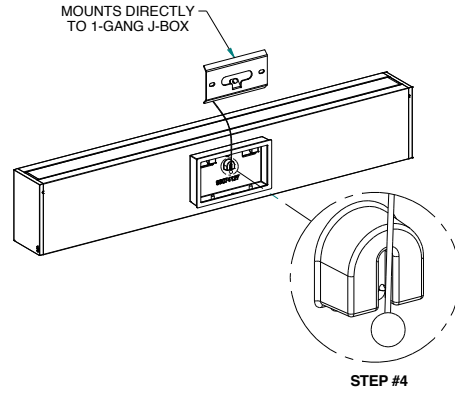
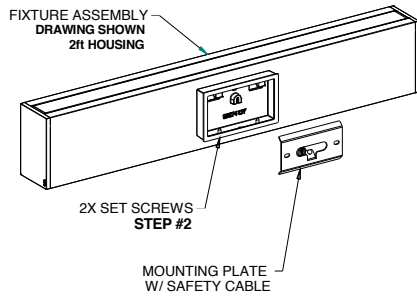
ELECTRICAL DATA (CONTINUED)

Section Length	Number of Drivers	System Current	Line Voltage (V)	System Power (W)	Current (A)
2FT	1	320	120	13.1	0.109
			277		0.047
			347		0.038
			480		0.027
		480	120	19.6	0.163
			277		0.071
			347		0.056
			480		0.041
		640	120	26.0	0.217
			277		0.094
			347		0.075
			480		0.054
		1000	120	41.1	0.343
			277		0.148
			347		0.118
			480		0.086
3FT	1	480	120	19.1	0.159
			277		0.069
			347		0.055
			480		0.040
		720	120	28.6	0.238
			277		0.103
			347		0.082
			480		0.060
		960	120	38.4	0.320
			277		0.139
			347		0.111
			480		0.080
		1500	120	61.2	0.510
			277		0.221
			347		0.176
			480		0.128
4FT	1	640	120	25.0	0.208
			277		0.090
			347		0.072
			480		0.052
		960	120	37.8	0.315
			277		0.136
			347		0.109
			480		0.079
		1280	120	51.8	0.432
			277		0.187
			347		0.149
			480		0.108
		2000	120	81.8	0.682
			277		0.295
			347		0.236
			480		0.170

ELECTRICAL DATA (CONTINUED)

Section Length	Number of Drivers	System Current	Line Voltage (V)	System Power (W)	Current (A)
6FT	1	960	120	37.2	0.310
			277		0.134
			347		0.107
			480		0.078
		1440	120	56.0	0.467
			277		0.202
			347		0.161
			480		0.117
		1920	120	76.0	0.633
			277		0.274
			347		0.219
			480		0.158
		1000	120	124.0	1.033
			277		0.448
			2000		0.357
			480		0.258
8FT	1	1280	120	49.7	0.414
			277		0.179
			347		0.143
			480		0.104
		1920	120	74.8	0.623
			277		0.270
			347		0.216
			480		0.156
		1280	120	103.6	0.863
			277		0.374
			347		0.299
			480		0.216
		2000	120	163.1	1.359
			277		0.589
			347		0.470
			480		0.340

MOUNTING OPTIONS

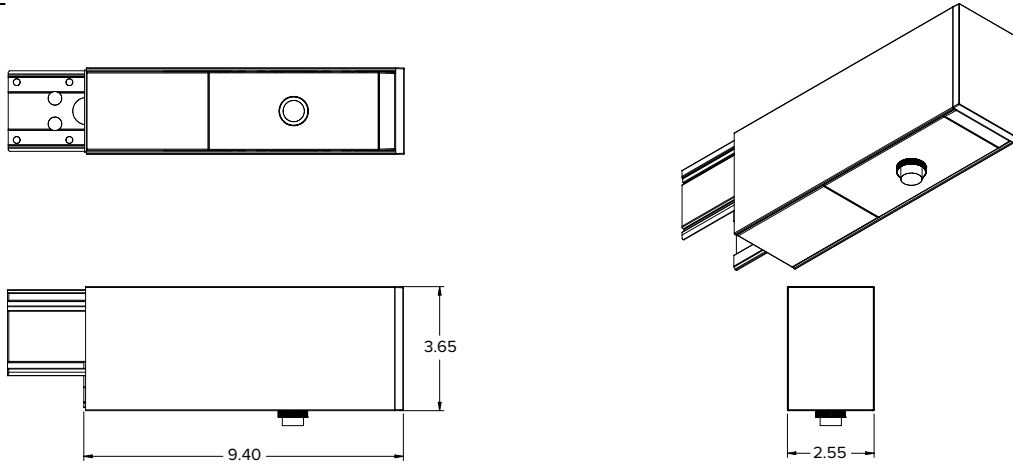


DIMENSIONS

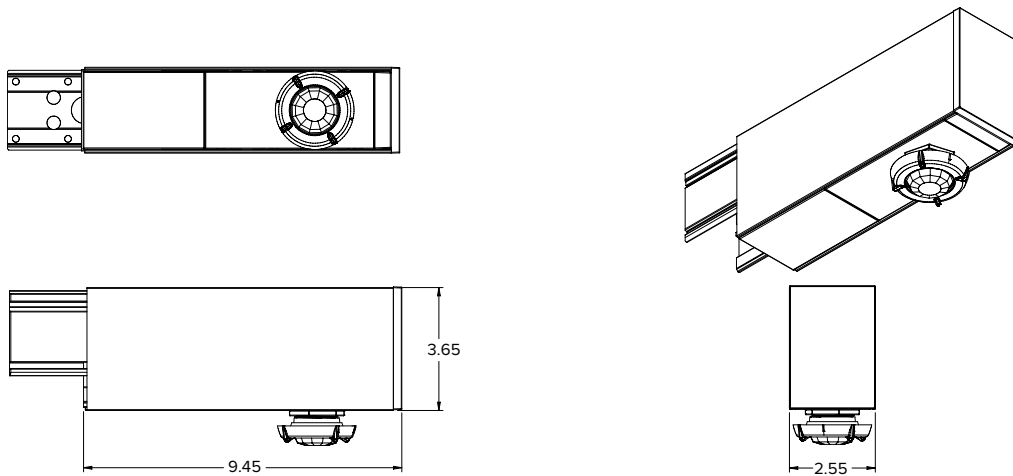
FIXTURE				
			RN-D	RN-I, RN-ID
FIXED ARM				
WALL 2ft fixture has 1 mounting point				
WALL 3, 4, 6 & 8ft fixtures have 2 mounting points				
ADJUSTABLE ARM 2ft fixture has 1 mounting point				
ADJUSTABLE ARM 3, 4, 6 & 8ft fixtures have 2 mounting points				
MULLION				
			SURFACE	
			Ceiling	
PENDANT				

CONTROLS DIMENSIONS

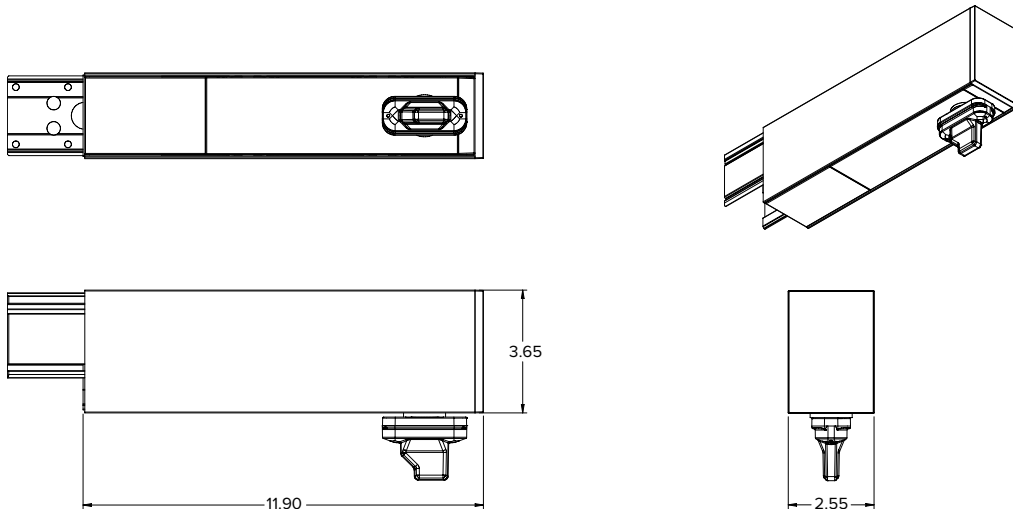
PHOTOCELL



SCP

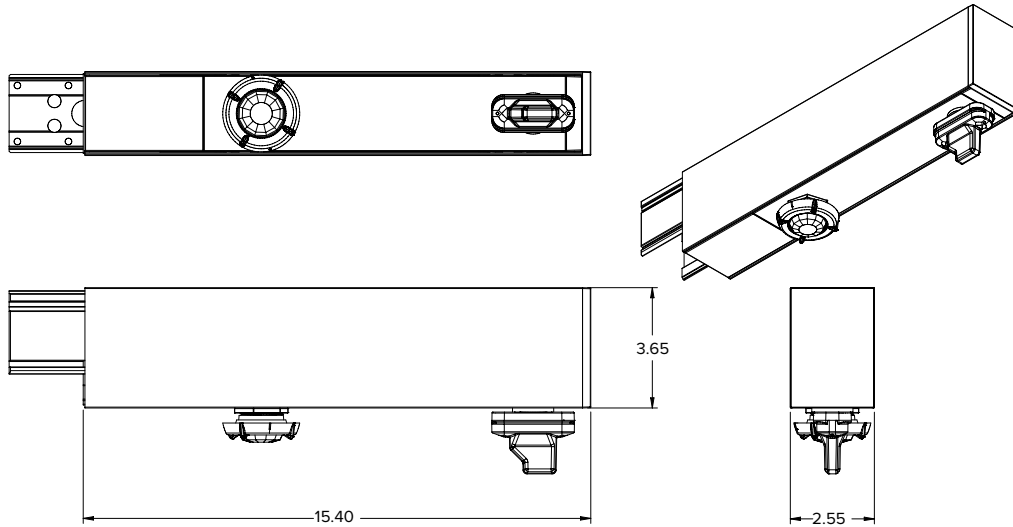


SWP

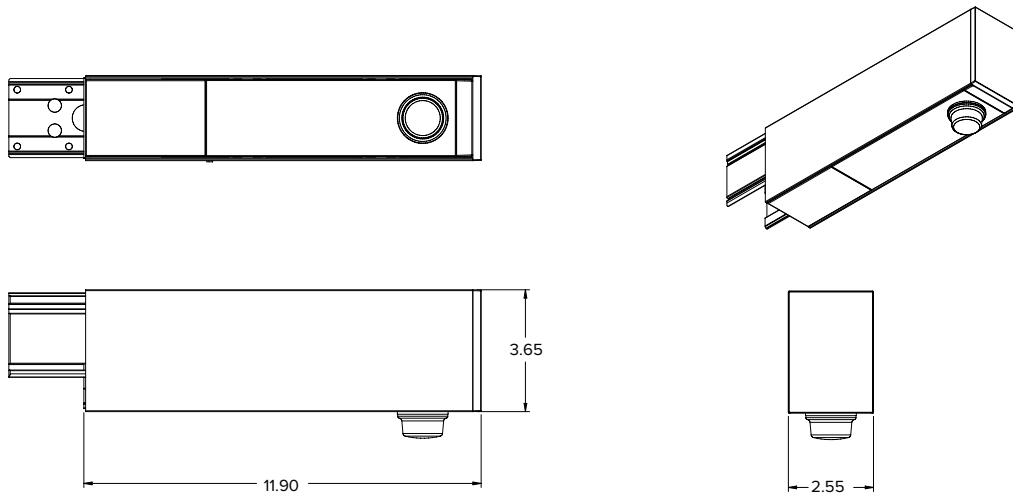


CONTROLS DIMENSIONS (CONTINUED)

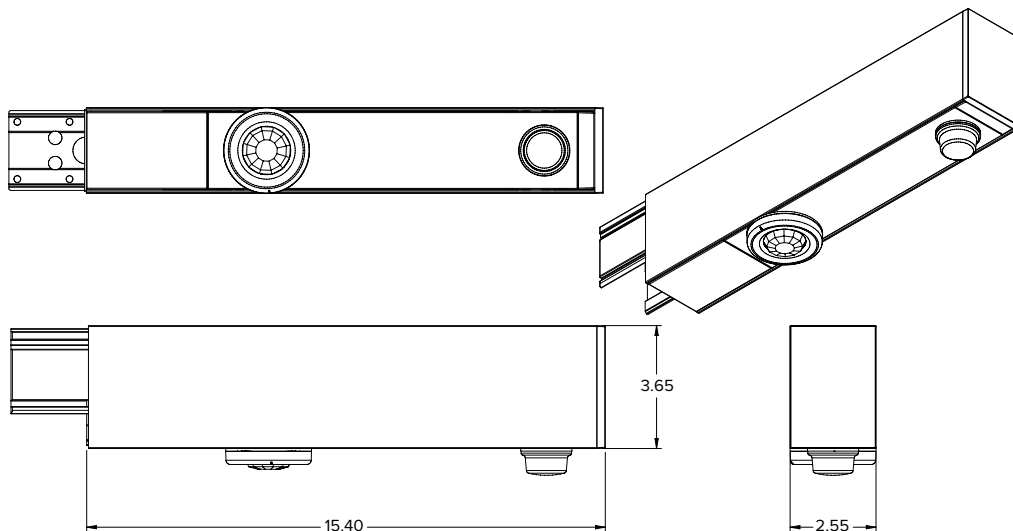
SWPM



NXWE



NXOSW





Catalog #: _____ Project: _____

Prepared By: _____ Date: _____ Type: _____

Scottsdale® Legacy (CRUS)

LED Canopy Luminaire

**IP66**

OVERVIEW

Lumen Package	5,000 - 22,000
Wattage Range	38 - 152
Efficacy Range (LPW)	114 -156
Weight lbs(kg)	23 (10.4)

QUICK LINKS

[Ordering Guide](#)[Performance](#)[Photometrics](#)[Dimensions](#)

FEATURES & SPECIFICATIONS

Construction

- Features a ultra-slim 11/16" profile die-cast housing, with flat clear or diffused tempered glass lens. Unit is water-resistant, sealed and IP66 rated. Integral designed heat sink does not trap dirt and grime, ensuring cool running performance over the life of the fixture.
- Standard color is white and is finished with LSI's DuraGrip® polyester powder coat process. DuraGrip withstands extreme weather changes without cracking or peeling.
- Luminaire assembly incorporates a pressure stabilizing vent breather to prevent seal fatigue and failure.

Optical System

- Features an array of select, mid-power, high brightness, high efficiency LED; 3000K, 4000K, 5000K color temperature, 80 CRI (nominal).
- Choice of Symmetric or Asymmetric distribution. Asymmetric provides a wider distribution pattern. Optional symmetric with diffused lens also available.
- Diffuse lens available as an option to soften brightness of the luminaire.
- Six Lumen Packages: 5,000, 9,000, 10,000, 13,000, 18,000 and 22,000 Lumens.

Electrical

- High performance factory programmable driver features over-voltage, under voltage, short-circuit and over temperature protection with integral 6kV surge protection that meets IEEE C62.41.2 and ANSI C82.77-5 Location Category C Low standards. Custom lumen and wattage packages available.

- Additional field replaceable 10kV surge protection device that meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2) is standard.
- Driver components are fully encased in potting for moisture resistance. Complies with IEC and FCC standards. 0-10 V dimming supplied standard with all drive currents.
- Die-cast aluminum, wet location rated driver/electrical enclosure is elevated above canopy deck to prevent water entry, provide easy "knock-out" connection of primary wiring and acts as the primary heatsink ensuring cool operation of internal components for longer life. Seals to optical housing via one-piece molded silicone gasket.
- Universal voltage power supply, 120-277 VAC, 50/60 HZ and 347-480 VAC, 50/60 HZ input.
- -40°C to 55°C (-40°F to 131°F) ambient operating temperature. (Varies based on lumen package and mounting style see performance data for specifics.)
- Minimum 60,000 to 100,000 hours depending upon the ambient temperature of the installation location (see performance data for specifics.)

Hazardous Location

- Designed for lighter than air fuel applications. Product is suitable for Class 1 Divisions 2 only when properly installed per LSI installation instructions. See lsicorp.com for specific guidance. Not available on SLW.

Installation

- One-person installation.
- Installs in a 12" or 16" deck pan. Deck penetration consists of a 4" hole, simplifying installation and water sealing. Unit is designed to quickly retrofit into existing Scottsdale (4") hole as well as openings for Encore and Encore Top Access and to reconnect wiring for the SC/ECTA without having to relocate the conduit.
- Retro panels are available for existing Encores as well as kits for recessed and 2x2 installations (see separate spec sheets). Support brackets are provided standard, to prevent sagging of deck.

Warranty

- LSI LED fixtures carry a 5-year warranty (contact your LSI representative for extended warranty options.)

Listings

- UL and ETL listed to UL 1598, UL 8750 and other U.S. and International safety standards. Suitable for wet locations.
- DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.
- Meets Buy American Act requirements.
- IDA compliant with 3000K or lower color temperature.





Scottsdale® Legacy LED Canopy Luminaire (CRUS)

ORDERING GUIDE

[Back to Quick Links](#)TYPICAL ORDER EXAMPLE: **CRUS SC LED SS 50 UE WHT**

Prefix	Distribution	Light Source	Drive Current	Color Temp	Input Voltage	Finish	Options
CRUS - LED Canopy Luminaire	SC - Symmetric AC ¹ - Asymmetric	LED	SLW - 5,000 Lumens VLW - 9,000 Lumens LW - 11,000 Lumens SS - 13,000 Lumens HO - 19,000 Lumens VHO - 22,000 Lumens Custom Lumen Packages ³	50 - 5,000K 40 - 4,000K 30 - 3,000K	UE - Universal Voltage (120 - 277V) HV - High Voltage 347 - 480V	WHT - White BRZ - Bronze BLK - Black	HL ² - Hazardous Location DFL - Diffuse Lens

FOOTNOTES:

1. AC distribution utilizes a reflector which alters the look from a standard SC distribution.
2. Not available on SLW.
3. Custom lumen and wattage packages available consult factory. Values are within industry standard tolerances but not DLC listed.

Accessory Ordering Information (Accessories are field installed)

Description	Order Number	Description	Order Number
Retrofit Panels - EC / ECTA / SCF to CRUS, for 16" Deck Panel	525946	Retrofit RIC Cover Panel Blank (no holes)	354702
Retrofit Panels - ECTA / SCF to CRUS, for 12" Deck Panel	530281	Kit - Hole Plugs and Silicone (enough for 25 retrofits) ¹	1320540
Retrofit 2x2 Cover Panel Blank (no holes)	357282		

1 - Consists of (25) 7/8" hole plugs, (100) 5/16" hole plugs and (1) tube of RTV

[Back to Quick Links](#)

PERFORMANCE

DELIVERED LUMENS											
Lumen Package	Distribution	3000K CCT			4000K CCT			5000K CCT			Wattage
		Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	
VHO	SC	21301	140	B4-U0-G2	21835	144	B4-U0-G2	22697	150	B4-U0-G2	152
	AC	17355	114	B3-U0-G3	17799	117	B3-U0-G3	18502	122	B3-U0-G3	
HO	SC	17889	143	B3-U0-G1	18346	146	B3-U0-G2	19071	152	B4-U0-G2	125
	AC	14582	116	B3-U0-G2	14955	119	B3-U0-G2	15546	124	B3-U0-G2	
SS	SC	13113	141	B3-U0-G1	13449	144	B3-U0-G1	13980	150	B3-U0-G1	93
	AC	11468	123	B3-U0-G2	11761	126	B3-U0-G2	12226	131	B3-U0-G2	
LW	SC	10457	144	B3-U0-G1	10724	148	B3-U0-G1	11148	154	B3-U0-G1	73
	AC	9145	126	B2-U0-G2	9379	129	B2-U0-G2	9749	134	B2-U0-G2	
VLW	SC	8783	146	B3-U0-G1	9008	149	B3-U0-G1	9364	155	B3-U0-G1	60
	AC	7681	127	B2-U0-G1	7878	131	B2-U0-G1	8189	136	B2-U0-G1	
SLW	SC	5585	146	B2-U0-G1	5728	150	B2-U0-G1	5954	156	B2-U0-G1	38
	AC	4884	128	B1-U0-G1	5009	131	B1-U0-G1	5207	136	B1-U0-G1	

*LEDs are frequently updated therefore values are nominal.

ELECTRICAL DATA (AMPS)							
Lumen Package	Wattage	120V	208V	240V	277V	347V	480V
VHO	152	1.27	0.73	0.64	0.55	0.44	0.32
HO	124	1.03	0.6	0.52	0.45	0.36	0.26
SS	92	0.77	0.44	0.38	0.33	0.27	0.19
LW	72	0.6	0.35	0.3	0.26	0.21	0.15
VLW	60	0.5	0.29	0.25	0.22	0.17	0.13
SLW	38	0.32	0.18	0.16	0.14	0.11	0.08

*Electrical data at 25C (77F). Actual wattage may differ by +/-10%.

OPERATING TEMPERATURE		
LUMEN PACKAGE	MOUNTING	Max
VHO	Metal/Wood Canopy	45 C
HO	Metal/Wood Canopy	45 C
SS	Metal/Wood Canopy	55 C

FOOTNOTES:

- 1 - Lumen maintenance values at 25°C are calculated per TM-21 based on LM-80 data and in-situ luminaire testing.
- 2 - In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on

Recommended Lumen Maintenance ¹ CRUS VHO					
Ambient Temp C	Initial ²	25k hr ²	50k hr ²	75k hr ³	100k hr ³
0 C	102%	97%	92%	88%	84%
10 C	102%	97%	92%	88%	84%
20 C	102%	97%	92%	88%	84%
25 C	102%	97%	92%	88%	84%
30 C	102%	97%	92%	88%	84%
40 C	101%	95%	90%	85%	80%
50 C	101%	94%	89%	83%	78%

Recommended Lumen Maintenance ¹ CRUS SS					
Ambient Temp C	Initial ²	25k hr ²	50k hr ²	75k hr ³	100k hr ³
0 C	102%	97%	92%	88%	84%
10 C	102%	97%	92%	88%	84%
20 C	102%	97%	92%	88%	84%
25 C	102%	97%	92%	88%	84%
30 C	102%	97%	92%	88%	84%
40 C	102%	97%	92%	88%	84%
50 C	101%	95%	91%	86%	82%

time durations that are within six times (6X) the IESNA LM-80-08 total test duration (in hours) for the device under testing (DUT) i.e. the packaged LED).

- 3 - In accordance with IESNA TM-21-11, Calculated Values represent time durations that exceed six times NA LM-80-08 total test duration (in hours) for the device under testing (DUT) i.e. the packaged LED).





Scottsdale® Legacy LED Canopy Luminaire (CRUS)

PHOTOMETRICS

[Back to Quick Links](#)

Luminaire photometry has been conducted by an accredited testing laboratory in accordance with IESNA LM-79-08. As specified by IESNA LM-79-08 the entire luminaire is tested as the source resulting in a luminaire efficiency of 100%.

See <http://www.lsi-industries.com/products/led-lighting-solutions.aspx> for detailed photometric data.

CRUS-SC-SS-50

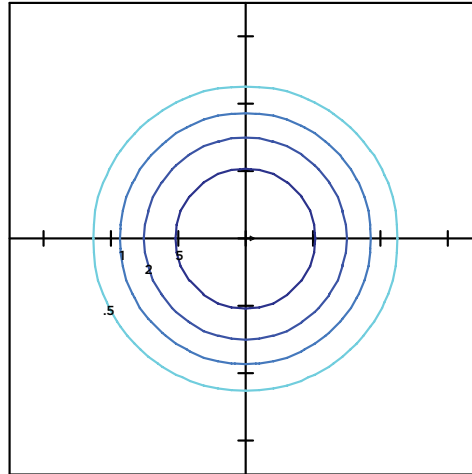
LUMINAIRE DATA

Type 5 Distribution	
Description	5000 Kelvin, 80 CRI
Delivered Lumens	13,980
Watts	93
Efficacy	150
IES Type	Type VS - Very Short
BUG Rating	B3-U0-G1

Zonal Lumen Summary

Zone	Lumens	%Luminaire
Low (0-30°)	3654.2	26%
Medium (30-60°)	7541.2	54%
High (60-80°)	2641.4	19%
Very High (80-90°)	143.2	1%
Uplight (90-180°)	0	0%
Total Flux	13980	100%

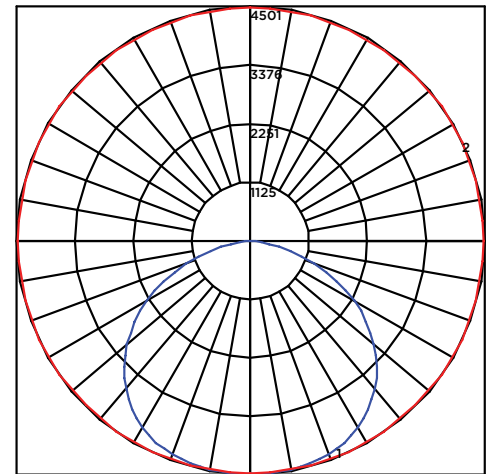
ISO FOOTCANDLE



15' Mounting Height/15' Grid Spacing

■ 5 FC ■ 2 FC ■ 1 FC ■ .5 FC

POLAR CURVE



CRUS-AC-SS-50

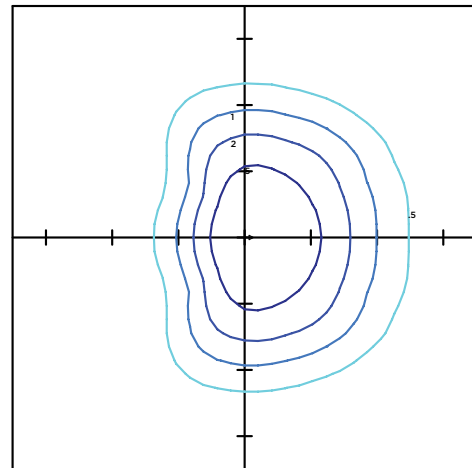
LUMINAIRE DATA

Type 3 Distribution	
Description	5000 Kelvin, 80 CRI
Delivered Lumens	12,226
Watts	93
Efficacy	131
IES Type	Type III, Very Short
BUG Rating	B3-U0-G2

Zonal Lumen Summary

Zone	Lumens	%Luminaire
Low (0-30°)	3240.3	27%
Medium (30-60°)	6245.5	51%
High (60-80°)	2594.6	21%
Very High (80-90°)	146.1	1%
Uplight (90-180°)	0	0%
Total Flux	12227	100%

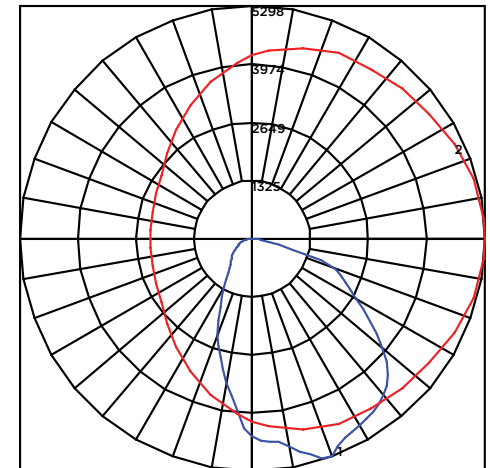
ISO FOOTCANDLE



15' Mounting Height/15' Grid Spacing

■ 5 FC ■ 2 FC ■ 1 FC ■ .5 FC

POLAR CURVE

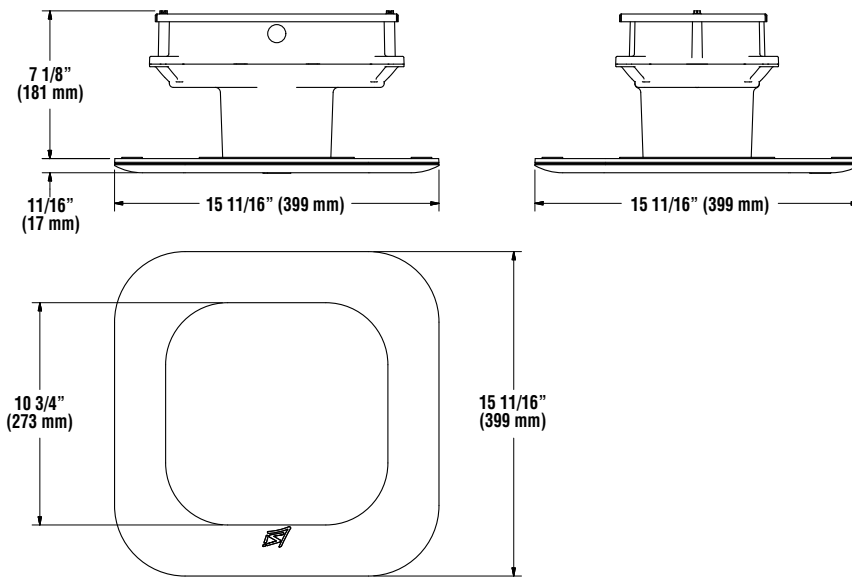




Scottsdale® Legacy LED Canopy Luminaire (CRUS)

PRODUCT DIMENSIONS

[Back to Quick Links](#)





Catalog #: _____ Project: _____

Prepared By: _____ Date: _____ Type: _____

Slice Medium (SLM)

Outdoor LED Area Light



IP66



IK08



OVERVIEW

Lumen Package	9,000 - 48,000
Wattage Range	63 - 401
Efficacy Range (LPW)	112 - 156
Weight lbs(kg)	30 (13.6)

QUICK LINKS

[Ordering Guide](#)[Performance](#)[Photometrics](#)[Dimensions](#)

FEATURES & SPECIFICATIONS

Construction

- Rugged die-cast aluminum housing contains factory prewired driver and optical unit. Cast aluminum wiring access door located underneath.
- Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Other standard LSI finishes available. Consult factory.
- Shipping weight: 37 lbs in carton.

Optical System

- State-of-the-Art one piece silicone optic sheet delivers industry leading optical control with an integrated gasket to provide IP66 rated seal.
- Proprietary silicone refractor optics provide exceptional coverage and uniformity in distribution types 2, 3, 5W, FT, FTA and AM.
- Silicone optical material does not yellow or crack with age and provides a typical light transmittance of 93%.
- Zero uplight.
- Available in 5000K, 4000K, and 3000K color temperatures per ANSI C78.377. Also available in phosphor converted amber with peak intensity at 610nm.
- Minimum CRI of 70
- Integral louver (IL) and house-side shield (IH) options available for improved backlight control without sacrificing street side performance. See page 3 for more details.

Electrical

- High-performance driver features overvoltage, under-voltage, short-circuit and over temperature protection.
- 0-10V dimming (10% - 100%) standard.
- Standard Universal Voltage (120-277 VAC) Input 50/60 Hz or optional High Voltage (347-480 VAC).
- L80 Calculated Life: >100k Hours (See Lumen Maintenance on Page 5)
- Total harmonic distortion: <20%
- Operating temperature: -40°C to +50°C (-40°F to +122°F). 42L and 48L lumen packages rated to +40°C.
- Power factor: >.90
- Input power stays constant over life.
- Field replaceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).
- High-efficacy LEDs mounted to metal-core circuit board to maximize heat dissipation
- Driver is fully encased in potting material for moisture resistance and complies with FCC standards. Driver and key electronic components can easily be accessed.

Controls

- Optional integral passive infrared Bluetooth™ motion and photocell sensor. Fixtures operate independently and can be commissioned via iOS or Android configuration app.
- LSI's AirLink™ wireless control system options reduce energy and maintenance costs while optimizing light quality 24/7.

Installation

- A single fastener secures the hinged door, underneath the housing and provides quick & easy access to the electrical compartment.
- Included terminal block accepts up to 12 ga. wire.
- Utilizes LSI's traditional B3 drill pattern. (See drawing on page 9)

Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to <https://www.lsiindustries.com/resources/terms-and-warranty.aspx> for more information.

Listings

- Listed to UL 1598 and UL 8750.
- Meets Buy American Act requirements.
- IDA compliant; with 3000K color temperature selection.
- Title 24 Compliant; see local ordinance for qualification information.
- Suitable for wet locations.
- IP66 rated Luminaire per IEC 60598-1.
- 3G rated for ANSI C136.31 high vibration applications applications are qualified.
- IK08 rated luminaire per IEC 66262 mechanical impact code.
- DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.
- Patented Silicone Optics (US Patent NO. 10,816,165 B2)





Type: _____

Slice Medium Outdoor LED Area Light

ORDERING GUIDE

[Back to Quick Links](#)TYPICAL ORDER EXAMPLE: **SLM LED 36L SIL FTA UNV DIM 50 70CRI ALSCS04 BRZ IL**

Luminaire Prefix	Light Source	Lumen Package	Light Output	Distribution	Orientation ²	Voltage	Driver
SLM - Slice Medium	LED	9L - 9,000 lms 12L - 12,000 lms 18L - 18,000 lms 24L - 24,000 lms 30L - 30,000 lms 36L - 36,000 lms 42L - 42,000 lms 48L - 48,000 lms Custom Lumen Packages¹	SIL - Silicone	2 - Type 2 3 - Type 3 5W - Type 5 Wide FT - Forward Throw FTA - Forward Throw Automotive AM - Automotive Merchandise	(blank) - standard (no rotation) L - Optics rotated left 90° R - Optics rotated right 90°	UNV - Universal Voltage (120-277V) HV - High Voltage (347-480V)	DIM - 0-10V Dimming (0-10%)

Color Temp	Color Rendering	Controls (Choose One)	Finish	Options
50 - 5,000 CCT 40 - 4,000 CCT 30 - 3,000 CCT AMB - Phosphor Converted Amber ¹¹	70CRI - 70 CRI	(Blank) - None Wireless Controls System ALSC - AirLink Synapse Control System ALSCS02 - AirLink Synapse Control System with 12-20' Motion Sensor ALSCS04 - AirLink Synapse Control System with 20-40' Motion Sensor ALBCS1 - AirLink Blue Wireless Motion & Photo Sensor Controller (8-24' mounting height) ALBCS2 - AirLink Blue Wireless Motion & Photo Sensor Controller (25-40' mounting height) Stand-Alone Controls EXT - 0-10V Dimming leads extended to housing exterior CR7P - 7 Pin Control Receptacle ANSI C136.41 ⁵ IMSBT1 - Integral Bluetooth™ Motion and Photocell Sensor (8-24' MH) ⁴ IMSBT2 - Integral Bluetooth™ Motion and Photocell Sensor (25-40' MH) ⁴ Button Type Photocells PCI120 - 120V PCI208-277 - 208 -277V PCI347 - 347V	BLK - Black BRZ - Dark Bronze GMG - Gun Metal Gray GPT - Graphite MSV - Metallic Silver PLP - Platinum Plus SVG - Satin Verde Green WHT - White	(Blank) - None IH - Integral Houseside Shield ² IL - Integral Louver (Sharp Spill Light Cutoff) ²

Accessories Ordering Information⁶

Controls Accessories	
Description	Order Number
Twist Lock Photocell (120V) for use with CR7P ⁷	122514
Twist Lock Photocell (208-277) for use with CR7P ⁷	122515
Twist Lock Photocell (347V) for use with CR7P ⁷	122516
Twist Lock Photocell (480V) for use with CR7P ⁷	1225180
AirLink 5 Pin Twist Lock Controller ⁷	61409
AirLink 7 Pin Twist Lock Controller ⁷	661410
Pole-Mounted Occupancy Sensor (24V)	663284CLR ⁸
Shorting Cap for use with CR7P ⁷	14932

Fusing Options ¹⁰	
Description	Order Number
Single Fusing (120V)	See Fusing Accessory Guide
Single Fusing (277V)	
Double Fusing (208V, 240V)	
Double Fusing (480V)	
Double Fusing (347V)	

FOOTNOTES:

- Custom lumen and wattage packages available, consult factory. Values are within industry standard tolerances but not DLC listed.
- Not available on "Type 5W" distribution.
- Consult factory for availability.
- IMSBT is field configurable via the LSI app that can be downloaded from your smartphone's native app store.
- Control device or shorting cap must be ordered separately. See Accessory Ordering Information.

Mounting Accessories ⁸	
Description	Order Number
Round Pole Adapter (3" Round/Tapered Poles)	408273CLR
Round Pole Adapter (4" Round Poles)	379967CLR
Round Pole Adapter (5" Round Poles)	379968CLR
Universal Mounting Bracket	684616CLR
Adjustable Slip Fitter (2" - 2 3/8" Tenon)	688138CLR
Quick Mount Pole Bracket (Square Pole)	687073CLR
Quick Mount Pole Bracket (4-5" Round Pole)	689903CLR
15 Tilt Quick Mount Pole Bracket (Square Pole)	688003CLR
15 Tilt Quick Mount Pole Bracket (4-5" Round Pole)	689905CLR
Wall Mount Bracket	382132CLR
Wood Pole Bracket (6" Minimum Pole Diameter)	751219CLR

Shielding & Miscellaneous Accessories	
Description	Order Number
Integral Louver/Shield	684812
Internal Houseside Shield	743414
10' Linear Bird Spike Kit (6' Recommended per Luminaire)	751632

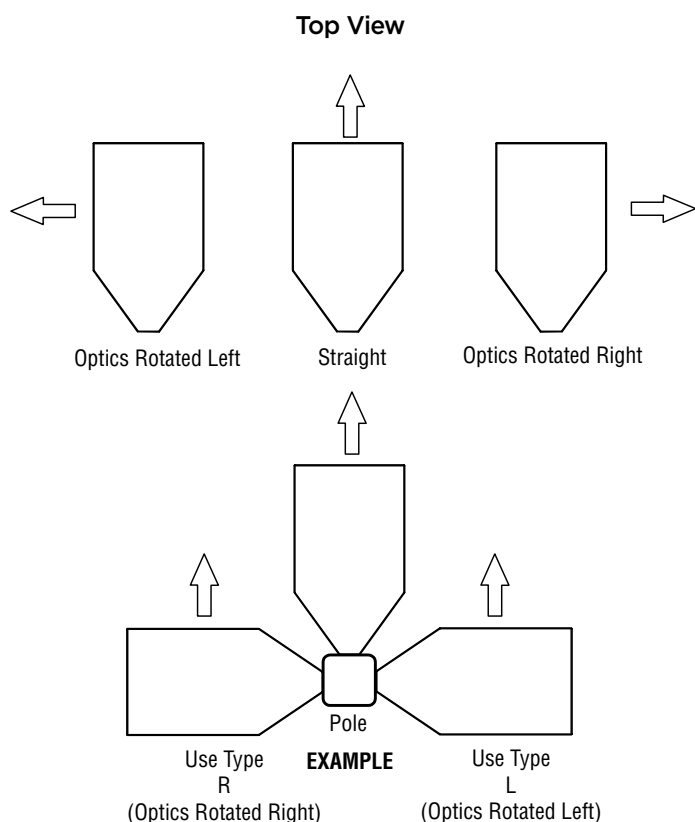
- Accessories are shipped separately and field installed.
- Fusing must be located in hand hole of pole.
- "CLR" denotes finish. See Finish options.
- Only available with ALSC/ALSCH control options.
- Fusing must be located in hand hole of pole. See [Fusing Accessory Guide](#) for compatibility.
- Only available in 9L and 12L Lumen Packages. Consult factory for lead time and availability.





Slice Medium Outdoor LED Area Light

OPTICS ROTATION



ACCESSORIES/OPTIONS

Integral Louver (IL) and House-Side Shield (IH)

Accessory louver and shield available for improved backlight control without sacrificing street side performance. LSI's Integral Louver (L) and Integral House-Side Shield (IH) options deliver backlight control that significantly reduces spill light behind the poles for applications with pole locations close to adjacent properties. The design maximizes forward reflected light while reducing glare, maintaining the optical distribution selected, and most importantly eliminating light trespass. Both options rotate with the optical distribution.

Luminaire Shown with
Integral Louver (IL)



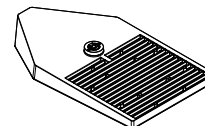
Luminaire Shown with
IMSBT Option



7 Pin Photoelectric Control

7-pin ANSI C136.41-2013 control receptacle option available for twist lock photocontrols or wireless control modules. Control accessories sold separately. Dimming leads from the receptacle will be connected to the driver dimming leads (Consult factory for alternate wiring).

Fixture Shown with CR7P





Slice Medium Outdoor LED Area Light

PERFORMANCE

[Back to Quick Links](#)

Delivered Lumens*												
Lumen Package	Distribution	CRI	3000K CCT			4000K CCT			5000K CCT			Wattage
			Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	
9L	2	70	9411	149	B2-U0-G2	9603	152	B2-U0-G2	9603	152	B2-U0-G2	63
	3		9548	152	B2-U0-G2	9743	155	B2-U0-G2	9743	155	B2-U0-G2	
	5W		9261	147	B3-U0-G2	9450	150	B3-U0-G2	9450	150	B3-U0-G2	
	FT		9464	150	B2-U0-G2	9657	153	B2-U0-G2	9657	153	B2-U0-G2	
	FTA		9531	151	B2-U0-G2	9725	154	B2-U0-G2	9725	154	B2-U0-G2	
	AM		9649	153	B2-U0-G1	9845	156	B2-U0-G1	9845	156	B2-U0-G1	
12L	2	70	12533	147	B3-U0-G2	12788	150	B3-U0-G2	12788	150	B3-U0-G2	85
	3		12714	150	B2-U0-G2	12974	153	B2-U0-G2	12974	153	B2-U0-G2	
	5W		12333	145	B4-U0-G2	12584	148	B4-U0-G2	12584	148	B4-U0-G2	
	FT		12603	148	B2-U0-G2	12861	151	B2-U0-G2	12861	151	B2-U0-G2	
	FTA		12692	149	B3-U0-G2	12950	152	B3-U0-G2	12950	152	B3-U0-G2	
	AM		12848	151	B3-U0-G1	13111	154	B3-U0-G2	13111	154	B3-U0-G2	
18L	2	70	18421	136	B3-U0-G3	18797	139	B3-U0-G3	18797	139	B3-U0-G3	135
	3		18691	138	B3-U0-G3	19072	141	B3-U0-G3	19072	141	B3-U0-G3	
	5W		18128	134	B4-U0-G2	18498	137	B4-U0-G2	18498	137	B4-U0-G2	
	FT		18526	137	B3-U0-G3	18904	140	B3-U0-G3	18904	140	B3-U0-G3	
	FTA		18656	138	B3-U0-G3	19037	141	B3-U0-G3	19037	141	B3-U0-G3	
	AM		18886	140	B3-U0-G2	19271	143	B3-U0-G2	19271	143	B3-U0-G2	
24L	2	70	24847	141	B4-U0-G3	25354	144	B4-U0-G3	25354	144	B4-U0-G3	176
	3		25210	143	B3-U0-G4	25724	146	B3-U0-G4	25724	146	B3-U0-G4	
	5W		24451	139	B5-U0-G3	24950	142	B5-U0-G3	24950	142	B5-U0-G3	
	FT		24987	142	B3-U0-G4	25497	145	B3-U0-G4	25497	145	B3-U0-G4	
	FTA		25162	143	B4-U0-G3	25676	146	B4-U0-G3	25676	146	B4-U0-G3	
	AM		25473	145	B3-U0-G2	25993	148	B3-U0-G2	25993	148	B3-U0-G2	
30L	2	70	31109	134	B4-U0-G3	31743	137	B4-U0-G3	31743	137	B4-U0-G3	232
	3		31562	136	B4-U0-G4	32206	139	B4-U0-G4	32206	139	B4-U0-G4	
	5W		30612	132	B5-U0-G3	31237	135	B5-U0-G3	31237	135	B5-U0-G3	
	FT		31283	135	B4-U0-G4	31921	138	B4-U0-G4	31921	138	B4-U0-G4	
	FTA		31503	136	B4-U0-G3	32146	139	B4-U0-G3	32146	139	B4-U0-G3	
	AM		31892	137	B3-U0-G3	32543	140	B4-U0-G3	32543	140	B4-U0-G3	
36L	2	70	36846	129	B4-U0-G3	37597	131	B4-U0-G3	37597	131	B4-U0-G3	286
	3		37383	131	B4-U0-G4	38146	133	B4-U0-G4	38146	133	B4-U0-G4	
	5W		36258	127	B5-U0-G4	36998	129	B5-U0-G4	36998	129	B5-U0-G4	
	FT		37052	130	B4-U0-G4	37808	132	B4-U0-G4	37808	132	B4-U0-G4	
	FTA		37313	130	B4-U0-G4	38075	133	B4-U0-G4	38075	133	B4-U0-G4	
	AM		37774	132	B4-U0-G3	38545	135	B4-U0-G3	38545	135	B4-U0-G3	
42L	2	70	42623	121	B5-U0-G4	43492	124	B5-U0-G4	43492	124	B5-U0-G4	352
	3		43245	123	B4-U0-G5	44127	125	B4-U0-G5	44127	125	B4-U0-G5	
	5W		41943	119	B5-U0-G4	42799	122	B5-U0-G4	42799	122	B5-U0-G4	
	FT		42863	122	B4-U0-G5	43737	124	B4-U0-G5	43737	124	B4-U0-G5	
	FTA		43163	123	B5-U0-G4	44044	125	B5-U0-G4	44044	125	B5-U0-G4	
	AM		43696	124	B4-U0-G3	44588	127	B4-U0-G3	44588	127	B4-U0-G3	
48L	2	70	45975	114	B5-U0-G4	46914	116	B5-U0-G4	46914	116	B5-U0-G4	401
	3		46646	115	B4-U0-G5	47598	118	B4-U0-G5	47598	118	B4-U0-G5	
	5W		45243	112	B5-U0-G4	46166	114	B5-U0-G4	46166	114	B5-U0-G4	
	FT		46235	114	B4-U0-G5	47178	116	B4-U0-G5	47178	116	B4-U0-G5	
	FTA		46559	115	B5-U0-G4	47509	117	B5-U0-G4	47509	117	B5-U0-G4	
	AM		47134	116	B4-U0-G3	48096	119	B4-U0-G3	48096	119	B4-U0-G3	



Slice Medium Outdoor LED Area Light

PERFORMANCE (CONT.)

ELECTRICAL DATA (AMPS)*						
Lumens	120V	208V	240V	277V	347V	480V
9L	0.53	0.30	0.26	0.23	0.18	0.13
12L	0.71	0.41	0.35	0.31	0.24	0.18
18L	1.13	0.65	0.56	0.49	0.39	0.28
24L	1.47	0.85	0.73	0.64	0.51	0.37
30L	1.93	1.12	0.97	0.84	0.67	0.48
36L	2.38	1.38	1.19	1.03	0.82	0.60
42L	2.93	1.69	1.47	1.27	1.01	0.73
48L	3.4	1.9	1.7	1.5	1.2	.8

*Electrical data at 25°C (77°F). Actual wattage may differ by +/-10%

FOOTNOTES:

1. Lumen maintenance values at 25C are calculated per TM-21 based on LM-80 data and in-situ testing.
2. In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times the IESNA LM-80-08 total test duration for the device under testing.
3. In accordance with IESNA TM-21-11, Calculated Values represent time durations that exceed six times the IESNA LM-80-08 total test duration for the device under testing.

RECOMMENDED LUMEN MAINTENANCE¹ (9-18L)					
Ambient	Initial²	25h²	50hr²	75hr²	100hr²
0 C	100%	97%	94%	90%	87%
10 C	100%	97%	94%	90%	87%
20 C	100%	97%	94%	90%	87%
25 C	100%	97%	93%	90%	86%
30 C	100%	97%	93%	89%	86%
40 C	100%	97%	92%	88%	84%
50 C	100%	96%	91%	87%	83%

RECOMMENDED LUMEN MAINTENANCE¹ (24-48L)					
C	0 hrs.²	25 hrs.²	50 hrs.²	75 hrs.²	100 hrs.²
0 C - 25 C	100%	95%	89%	84%	79%
40 C	100%	94%	87%	80%	74%

PHOTOMETRICS

[Back to Quick Links](#)

Luminaire photometry has been conducted by a NVLAP accredited testing laboratory in accordance with IESNA LM-79-08. As specified by IESNA LM-79-08 the entire luminaire is tested as the source resulting in a luminaire efficiency of 100%.

See <http://www.lsicorp.com/products/led-lighting-solutions.aspx> for detailed photometric data.

SLM-LED-30L-SIL-2-40-70CRI

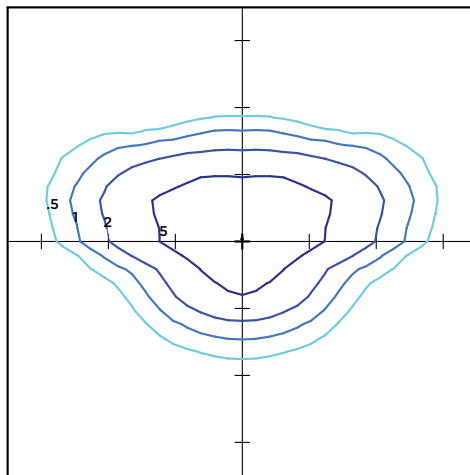
LUMINAIRE DATA

Type 2 Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	31,743
Watts	232
Efficacy	137
IES Type	Type II - Short
BUG Rating	B4-U0-G3

Zonal Lumen Summary

Zone	Lumens	%Luminaire
Low (0-30)°	4953	16%
Medium (30-60)°	19157	60%
High (60-80)°	7350	23%
Very High (80-90)°	284	1%
Uplight (90-180)°	0	0%
Total Flux	31743	100%

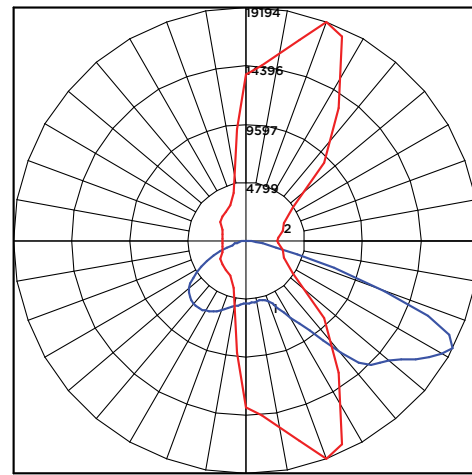
ISO FOOTCANDLE



25' Mounting Height/ 25' Grid Spacing

■ 5 FC ■ 2 FC ■ 1 FC ■ 0.5 FC

POLAR CURVE





Slice Medium Outdoor LED Area Light

PHOTOMETRICS (CONT.)

SLM-LED-30L-SIL-3-40-70CRI

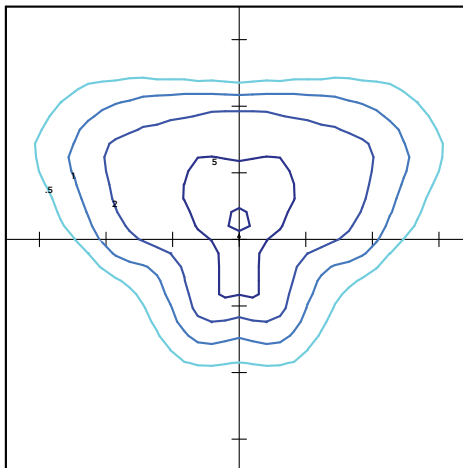
LUMINAIRE DATA

Type 3 Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	32,206
Watts	232
Efficacy	139
IES Type	Type III - Short
BUG Rating	B4-U0-G4

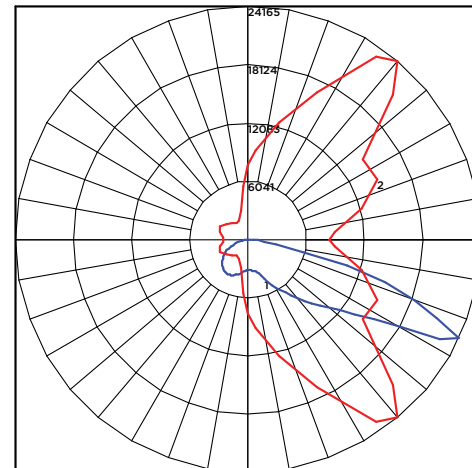
Zonal Lumen Summary

Zone	Lumens	%Luminaire
Low (0-30)°	3408	11%
Medium (30-60)°	16397	51%
High (60-80)°	11868	37%
Very High (80-90)°	533	2%
Uplight (90-180)°	0	0%
Total Flux	32206	100%

ISO FOOTCANDLE



POLAR CURVE



25' Mounting Height/ 25' Grid Spacing

■ 5 FC ■ 2 FC ■ 1 FC ■ 0.5 FC

SLM-LED-30L-SIL-FT-40-70CRI

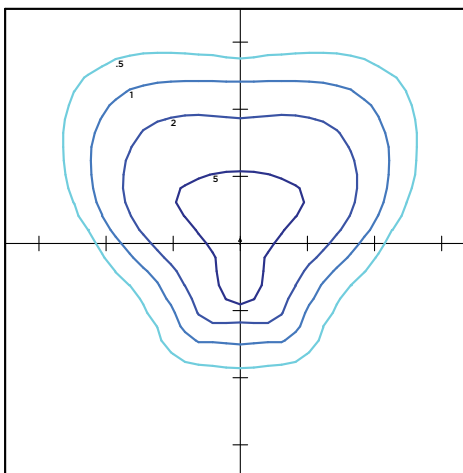
LUMINAIRE DATA

Type FT Distribution	
Description	4000 Kelvin, 70 CRI
Delivered Lumens	31,921
Watts	232
Efficacy	138
IES Type	Type IV - Short
BUG Rating	B4-U0-G4

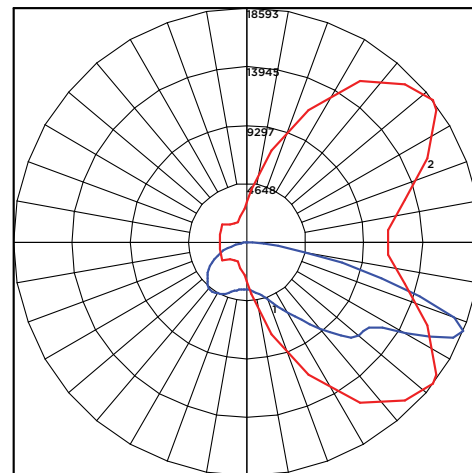
Zonal Lumen Summary

Zone	Lumens	%Luminaire
Low (0-30)°	3874	12%
Medium (30-60)°	15694	49%
High (60-80)°	11696	37%
Very High (80-90)°	657	12%
Uplight (90-180)°	0	0%
Total Flux	31921	100%

ISO FOOTCANDLE



POLAR CURVE



25' Mounting Height/ 25' Grid Spacing

■ 5 FC ■ 2 FC ■ 1 FC ■ 0.5 FC





Slice Medium Outdoor LED Area Light

PHOTOMETRICS (CONT.)

SLM-LED-30L-SIL-5W-40-70CRI

LUMINAIRE DATA

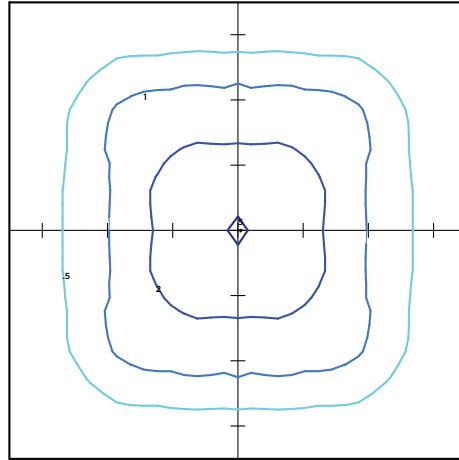
Type 5W Distribution

Description	4000 Kelvin, 70 CRI
Delivered Lumens	31,237
Watts	232
Efficacy	135
IES Type	Type IV - Short
BUG Rating	B5-U0-G3

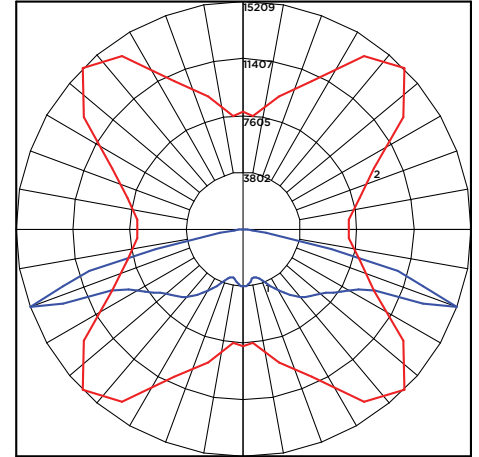
Zonal Lumen Summary

Zone	Lumens	%Luminaire
Low (0-30)°	3186	10%
Medium (30-60)°	13594	44%
High (60-80)°	14195	45%
Very High (80-90)°	261	1%
Uplight (90-180)°	0	0%
Total Flux	31237	100%

ISO FOOTCANDLE



POLAR CURVE



25' Mounting Height/ 25' Grid Spacing

■ 5 FC ■ 2 FC ■ 1 FC ■ 0.5 FC

SLM-LED-30L-SIL-FTA-40-70CRI

LUMINAIRE DATA

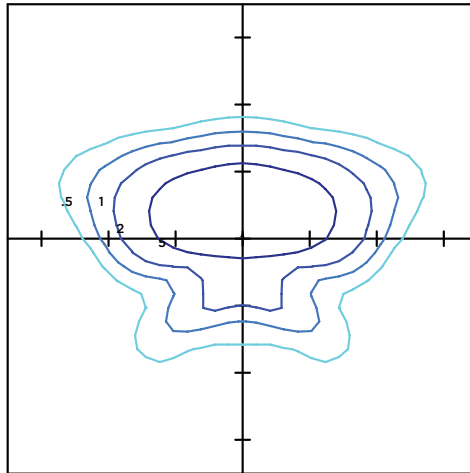
Type FTA Distribution

Description	4000 Kelvin, 70 CRI
Delivered Lumens	32,146
Watts	232
Efficacy	139
IES Type	Type I - Very Short
BUG Rating	B4-U0-G3

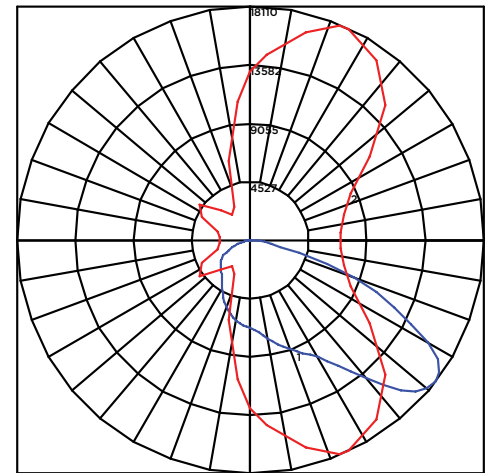
Zonal Lumen Summary

Zone	Lumens	%Luminaire
Low (0-30)°	7371	23%
Medium (30-60)°	18710	58%
High (60-80)°	5624	17%
Very High (80-90)°	441	1%
Uplight (90-180)°	0	0%
Total Flux	32146	100%

ISO FOOTCANDLE



POLAR CURVE



25' Mounting Height/ 25' Grid Spacing

■ 5 FC ■ 2 FC ■ 1 FC ■ 0.5 FC





Slice Medium Outdoor LED Area Light

PHOTOMETRICS (CONT.)

SLM-LED-30L-SIL-AM-40-70CRI

LUMINAIRE DATA

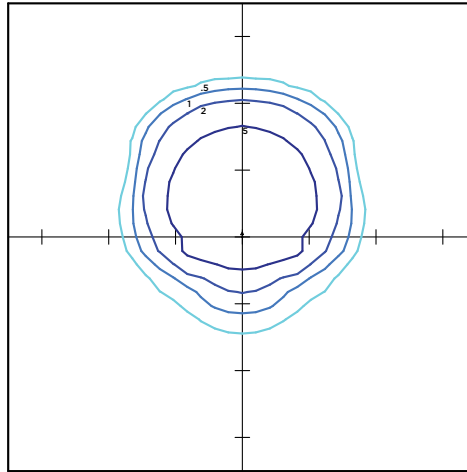
Type AM Distribution

Description	4000 Kelvin, 70 CRI
Delivered Lumens	32,543
Watts	232
Efficacy	140
IES Type	Type III - Very Short
BUG Rating	B4-U0-G3

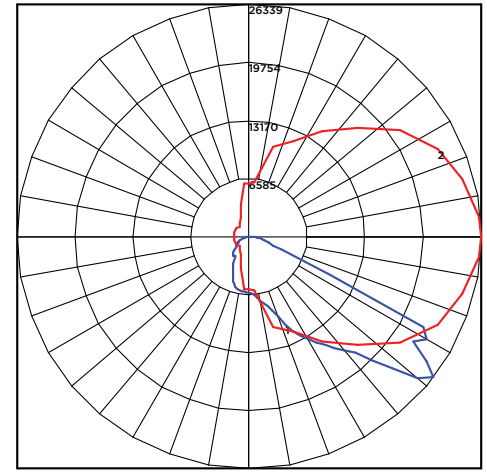
Zonal Lumen Summary

Zone	Lumens	%Luminaire
Low (0-30)°	6390	9%
Medium (30-60)°	20951	43%
High (60-80)°	4838	48%
Very High (80-90)°	365	1%
Uplight (90-180)°	0	0%
Total Flux	32543	100%

ISO FOOTCANDLE



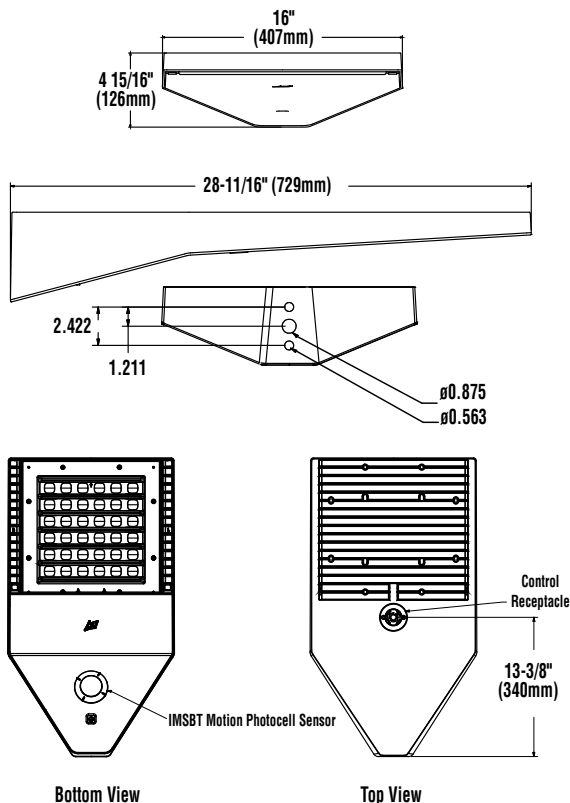
POLAR CURVE



25' Mounting Height/ 25' Grid Spacing

■ 5 FC ■ 2 FC ■ 1 FC ■ 0.5 FC

PRODUCT DIMENSIONS

[Back to Quick Links](#)

LUMINAIRE EPA CHART - SLM

Tilt Degree	0°	30°	45°	Tilt Degree	0°	30°	45°
Single	0.5	2.1	2.6	T90°	1.2	2.9	3.6
D180°	1.1	2.1	2.6	TN120°	1.3	4.4	5.4
D90°	0.9	2.5	3.1	Q90°	1.2	2.9	3.6





Slice Medium Outdoor LED Area Light

CONTROLS

AirLink Wireless Lighting Controller

The AirLink integrated controller is a California Title 24 compliant lighting controller that provides real-time light monitoring and control with utility-grade power monitoring. It includes a 24V sensor input and power supply to connect a sensor into the outdoor AirLink wireless lighting system.

The wireless integrated controller is compatible with this fixture.

Click the link below to learn more details about AirLink.

<https://www.lsicorp.com/documents/datasheets/airlink-outdoor-specsheet.pdf>

Integral Bluetooth™ Motion and Photocell Sensor (IMSBT)

Slim low profile sensor provides multi-level control based on motion and/or daylight. Sensor controls 0-10 VDC LED drivers and is rated for cold and wet locations (-30° C to 70° C). Two unique PIR lenses are available and used based on fixture mounting height. All control parameters are adjustable via an iOS or Android App capable of storing and transmitting sensor profiles.

Click the link below to learn more details about IMSBT.

<https://www.lsicorp.com/documents/datasheets/imsbt-specsheet.pdf>

AirLink Blue

Wireless Bluetooth Mesh Outdoor Lighting Control System that provides energy savings, code compliance and enhanced safety/security for parking lots and parking garages. Three key components; Bluetooth wireless radio/sensor controller, Time Keeper and an iOS App. Capable of grouping multiple fixtures and sensors as well as scheduling time-based events by zone. Radio/Sensor Controller is factory integrated into Area/Site, Wall Mounted, Parking Garage and Canopy luminaires.

Click the link below to learn more details about AirLink Blue.

<https://www.lsi-airlink.com/airlink-blue/>

POLES & BRACKETS

LSI offers a full line of poles and mounting accessories to complete your lighting assembly. Aluminum and steel in both square and round shafts. In addition, LSI offers round tapered, fluted and hinge based poles. Designed and engineered for durability and protected with our oven baked DuraGrip Protection System. Also available with our DuraGrip+ Protection system for unmatched corrosion resistance and an extended warranty. American made in our Ohio facility with industry leading lead times.

Click the link below to learn more details about poles & brackets.

<https://www.lsicorp.com/products/poles-and-brackets-area-street.aspx>



BKA UMB CLR

The 3G rated UMB allows for seamless integration of LSI luminaires onto existing/ retrofit or new construction poles. The UMB was designed for square or round (tapered or straight) poles with two mounting hole spacings between 3.5" - 5".



BKA ASF CLR

The adjustable Slip Fitter is a 3G rated rugged die cast aluminum adapter to mount LSI luminaires onto a 2" iron pipe, 2 3/8 OD tenon. The Adjustable Slip Fitter can be rotated 180° allowing for tilting LSI luminaires up to 45° and 90° when using a vertical tenon.



BKS PQM15 CLR

The Pole Quick Mount Bracket allows for preset 15° uptilt of LSI luminaires for greater throw of light and increased vertical illumination as well as fast installation onto poles with LSI's 3" or 5" bolt pattern.



BKS PQMH CLR

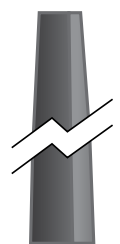
The Pole Quick Mount Bracket allows for lightning fast installation of LSI luminaires onto existing and new construction poles with LSI's B3 or B5 standard pole bolt patterns.



Square Pole
14'-39'



Round Pole
10'-30'



Tapered Pole
20'-39'





Catalog #: _____ Project: _____

Prepared By: _____ Date: _____ Type: _____

Mirada Small Wall Sconce (XWS)

Outdoor LED Wall Light

**IP65 IK10**

OVERVIEW

Lumen Output Range	2,000 - 6,000
Wattage Range	15 - 52
Efficacy Range (LPW)	119 - 151
Luminaire Weight lbs (kg)	8 (3.6)

QUICK LINKS

[Ordering Guide](#)[Performance](#)[Photometrics](#)[Dimensions](#)

FEATURES & SPECIFICATIONS

Construction

- Rugged die-cast aluminum housing.
- Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Other standard LSI finishes available. Consult factory.
- Extended housing available with 1/2" threaded hubs for surface conduit and rated wire.
- Standard luminaire shipping weight: 10 lbs in carton.
- Max luminaire shipping weight (with back housing): 20 lbs in carton.

Optical System

- Choice of acrylic lens or high impact resistant polycarbonate lens
- The lens is fully gasketed with a one-piece solid silicone gasket to keep out moisture and dust, providing an IP65 rating for the luminaire
- Reflector system with recessed light engine reduces glare and brightness.
- Forward Throw Wide and Medium distributions available.
- Optional diffused lens for reduced LED pixilation over the lens and maximum visual comfort.
- Zero uplight.
- Available in 5000K, 4000K, 3500K, 3000K and 2700K color temperatures per ANSI C78.377.
- Minimum CRI of 80

Electrical

- High-performance driver features over-voltage under-voltage, short-circuit and over temperature protection.
- 0-10V dimming (10% - 100%) standard.
- Standard Universal Voltage (120-277 VAC) Input 50/60 Hz or optional High Voltage (347-480 VAC).
- L70 Calculated Life: >60k Hours
- Total harmonic distortion: <20%
- Operating temperature: -40°C to +50°C (-40°F to +122°F).
- Power factor: >.90
- Input power stays constant over life.
- Optional 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).
- High-efficacy LEDs mounted to metal-core circuit board to maximize heat dissipation
- Driver is fully encased in potting material for moisture resistance. Driver complies with FCC standards. Accessible driver and electrical components.
- Optional Dual Drivers/Circuit/Power Feeds.
- Optional battery backup provides 90-minutes of constant power to the LED system, ensuring code compliance. A test switch/indicator button is installed on the housing for ease of maintenance. Standard battery rated for 0° to 50° with cold weather battery rated for -20°C to 50°. 120-277V Only.

Controls

- Optional integral passive infrared Bluetooth™ motion and photocell sensor. Fixtures operate independently and can be commissioned via iOS or Android configuration app.

- LSI's AirLink™ wireless control system options reduce energy and maintenance costs while optimizing light quality 24/7.

Installation

- Universal wall mounting plate mounts directly to vertical surface or 4" junction box (octagonal or square).
- Luminaire hinges to the top of the mounting plate and is secured via two flush mount screws that help to conceal the hardware and prevent over tightening during installation.

Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to <https://www.lsicorp.com/resources/terms-conditions-warranty/> for more information.

Listings

- Listed to UL 1598 and UL 8750.
- Meets Buy American Act requirements.
- IDA compliant; with 2700K or 3000K color temperature selection.
- Title 24 Compliant; see local ordinance for qualification information.
- Suitable for wet locations.
- IP65 rated luminaire per IEC 60598-1.
- IK10 rated luminaire per IEC 60626 mechanical impact code with clear polycarbonate lens (MTP).
- DesignLights Consortium® (DLC) qualified product. Not all versions of this product are DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified.





Mirada Small Wall Sconce (XWS)

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ORDERING GUIDE

TYPICAL ORDER EXAMPLE: **XWS LED 6L FTW UNV DIM 40 70CRI ALBCS1 BLK EH**

Luminaire Prefix	Light Source	Lumen Package	Distribution/Lens	Voltage	Driver	Color Temp	Color Rendering
XWS - Mirada Small Wall Sconce	LED	2L - 2,000 lms 3L - 3,000 lms 5L - 5,000 lms 6L - 6,000 lms Custom Lumen Packages ¹	FTW - Forward Throw Wide Clear Acrylic MT - Medium Throw Clear Acrylic MTD - Medium Throw Diffuse Acrylic MTP - Medium Throw Clear Polycarbonate MTPD - Medium Throw Diffuse Polycarbonate	UNV - Universal Voltage (120-277V) HV - High Voltage (347-480V) ²	DIM - 0-10v Dimming (0-10%)	50 - 5,000K 40 - 4,000K 35 - 3,500K 30 - 3,000K 27 - 2,700K	80CRI - 80 CRI

Controls	Finish	Options
(Blank) - None Wireless Controls⁸ ALSC - AirLink Synapse Control System ³ ALSCS1 - AirLink Synapse Control System with 8-12' MH Motion Sensor ^{3,4} ALSCS2 - AirLink Synapse Control System with 12-20' MH Motion Sensor ^{3,4} ALBCS1 - AirLink Blue Wireless Motion & Photo Sensor Controller (8-24' mounting height) ^{3,4} Standalone Controls EXT - 0-10v Dimming leads extended to housing exterior IMSBT1 - Integral Bluetooth™ Motion and Photocell Sensor 8-24' MH ^{3,4,5} Button Type Photocells PCI120 - 120V PCI208-277 - 208-277V PCI347 - 347V	BLK - Black BRZ - Dark Bronze GMG - Gun Metal Gray GPT - Graphite MSV - Metallic Silver PLP - Platinum Plus SVG - Satin Verde Green WHT - White	(Blank) - None 2DP - Dual Driver, Circuit & Power Feed ^{3,4,6,7} BB - Battery Back-up (0°C) ^{3,4,9} CWBB - Cold Weather Battery Backup(-20°C) ^{3,4,9} EH - Extended Housing ⁴ SP1 - 10kV Surge Protection Device

ACCESSORY ORDERING INFORMATION⁸

Lens/Housing Accessories	
Description	Order Number
XWS Performance Lens (FTW)	758270
XWS Clear Acrylic Lens (MT)	758267
XWS Diffuse Acrylic Lens (MTD)	758268
XWS Polycarbonate Vandal Lens (MTP)	758271
XWS Extended Housing/Surface Conduit Wiring Box	758274CLR
XWS Spacer Plate/Wiring Box	760159CLR

FOOTNOTES:

- Custom lumen and wattage packages available, consult factory. Values are within industry standard tolerances but not DLC listed.
- Not available in 2L lumen package.
- Option requires EH extended housing.
- For applications with surface conduit, there is limited hub accessibility when ordering with controls, battery backup or dual driver options. Consult factory.
- IMSBT is field configurable via the LSI app that can be downloaded from your smartphone's native app store.
- Not available with controls.
- Not available in 2L and 3L lumen packages.
- Accessories are shipped separately and field installed.
- Universal Voltage Only (120-277V).

Battery Backup

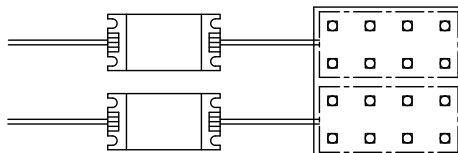
Emergency battery system provides 90-minutes of constant power to the LED system, ensuring code compliance. A test switch/indicator button is installed on the housing for ease of maintenance. The fixture delivers ~1200 lumens during emergency mode. Extended housing required.



Luminaire shown with sensor & battery backup

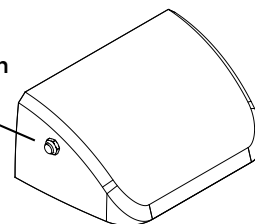
Dual Driver, Circuit & Power Feed

Dual drivers and circuit provide redundant sources to ensure that failure of one component will not leave total darkness in any space. Dual power feeds allow for wiring to inverters to reduce load during emergency operation. Extended housing required.



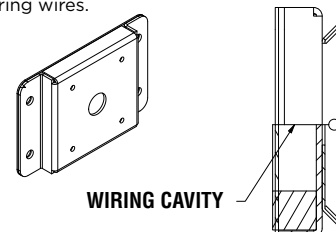
Button Photocell

Luminaire shown with PCI



Spacer Plate/Wiring Box

8.25" x 5.25" x 1.07" wall spacer plate allows the luminaire to float off the wall and provides space for securing wires.





Mirada Small Wall Sconce (XWS)

PERFORMANCE

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DELIVERED LUMENS*																		
Lumen Package	Distribution	CRI	2700K CCT			3000K CCT			3500K CCT			4000K CCT			5000K CCT			Wattage
			Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	
2L	FTW	80	1,961	131	B1-U0-G1	2,071	138	B1-U0-G1	2,120	141	B1-U0-G1	2,145	143	B1-U0-G1	2,167	144	B1-U0-G1	15
	MT		2,023	135	B1-U0-G0	2,136	142	B1-U0-G0	2,188	146	B1-U0-G0	2,216	148	B1-U0-G0	2,236	149	B1-U0-G0	
	MTD		1,892	126	B1-U0-G1	1,997	133	B1-U0-G1	2,045	136	B1-U0-G1	2,072	138	B1-U0-G1	2,090	139	B1-U0-G1	
	MTP		2,020	135	B1-U0-G0	2,133	142	B1-U0-G0	2,184	146	B1-U0-G0	2,213	148	B1-U0-G0	2,233	149	B1-U0-G0	
	MTPD		1,744	116	B1-U0-G1	1,842	123	B1-U0-G1	1,887	126	B1-U0-G1	1,911	127	B1-U0-G1	1,928	129	B1-U0-G1	
3L	FTW	80	3,432	132	B1-U0-G1	3,624	139	B1-U0-G1	3,710	143	B1-U0-G1	3,759	145	B1-U0-G1	3,793	146	B1-U0-G1	26
	MT		3,542	136	B1-U0-G1	3,739	144	B1-U0-G1	3,829	147	B1-U0-G1	3,879	149	B1-U0-G1	3,914	151	B1-U0-G1	
	MTD		3,495	134	B1-U0-G1	3,690	142	B1-U0-G1	3,778	145	B1-U0-G1	3,828	147	B1-U0-G1	3,862	149	B1-U0-G1	
	MTP		3,537	136	B1-U0-G1	3,735	144	B1-U0-G1	3,824	147	B1-U0-G1	3,874	149	B1-U0-G1	3,909	150	B1-U0-G1	
	MTPD		3,054	117	B1-U0-G1	3,224	124	B1-U0-G1	3,303	127	B1-U0-G1	3,345	129	B1-U0-G1	3,375	130	B1-U0-G1	
5L	FTW	80	4,980	128	B1-U0-G1	5,257	135	B1-U0-G1	5,383	138	B1-U0-G1	5,454	140	B1-U0-G1	5,503	141	B1-U0-G1	39
	MT		5,138	132	B1-U0-G1	5,425	139	B1-U0-G1	5,555	142	B1-U0-G1	5,628	144	B1-U0-G1	5,678	146	B1-U0-G1	
	MTD		4,805	123	B1-U0-G1	5,074	130	B1-U0-G1	5,195	133	B2-U0-G1	5,263	135	B2-U0-G1	5,310	136	B2-U0-G1	
	MTP		5,132	132	B1-U0-G1	5,418	139	B1-U0-G1	5,548	142	B1-U0-G1	5,621	144	B1-U0-G1	5,671	145	B1-U0-G1	
	MTPD		4,430	114	B1-U0-G1	1,677	120	B1-U0-G1	4,791	123	B1-U0-G1	4,852	124	B1-U0-G1	4,896	126	B1-U0-G1	
6L	FTW	80	6,362	122	B1-U0-G1	6,717	129	B2-U0-G1	6,877	132	B2-U0-G1	6,968	134	B2-U0-G1	7,031	135	B2-U0-G1	52
	MT		6,564	126	B2-U0-G1	6,931	133	B2-U0-G1	7,097	136	B2-U0-G1	7,190	138	B2-U0-G1	7,254	140	B2-U0-G1	
	MTD		6,139	118	B2-U0-G1	6,482	125	B2-U0-G1	6,637	128	B2-U0-G1	6,724	129	B2-U0-G1	6,784	130	B2-U0-G1	
	MTP		6,354	122	B2-U0-G1	6,708	129	B2-U0-G1	6,869	132	B2-U0-G1	6,959	134	B2-U0-G1	7,021	135	B2-U0-G1	
	MTPD		5,659	109	B1-U0-G1	5,975	115	B2-U0-G1	6,121	118	B2-U0-G1	6,199	119	B2-U0-G1	6,255	120	B2-U0-G1	

*LEDs are frequently updated therefore values are nominal.

ELECTRICAL DATA*						
Lumen Package	120V	208V	240V	277V	347V	480V
2L	0.12	0.07	0.06	0.05	0.04	0.03
3L	0.21	0.12	0.11	0.09	0.07	0.05
5L	0.32	0.19	0.16	0.14	0.11	0.08
6L	0.43	0.25	0.22	0.19	0.15	0.11

*Electrical data at 25C (77F). Actual wattage may differ by +/-10%.

RECOMMENDED LUMEN MAINTENANCE ¹					
Ambient Temp	Lumen Multiplier				
C	0 hrs. ²	25K hrs. ²	50K hrs. ²	75K hrs. ³	100K hrs. ³
0 C -25 C	100%	97%	92%	88%	84%
40 C	100%	95%	90%	85%	81%

FOOTNOTES:

- Lumen maintenance values at 25°C are calculated per TM-21 based on LM-80 data and in-situ luminaire testing.
- In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times (6X) the IESNA LM-80-08 total test duration (in hours) for the device under testing ((DUT) i.e. the packaged LED chip).
- In accordance with IESNA TM-21-11, Calculated Values represent time durations that exceed six times NA LM-80-08 total test duration (in hours) for the device under testing ((DUT) i.e. the packaged LED chip).





Mirada Small Wall Sconce (XWS)

PHOTOMETRICS

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All published luminaire photometric testing performed to IESNA LM-79 standards. ISO footcandle plots below demonstrate the Mirada Wall Sconce (XWM) light patterns only. Not for total fixture output. For complete specifications and IES files, see website.

XWS-LED-5L-FTW-40

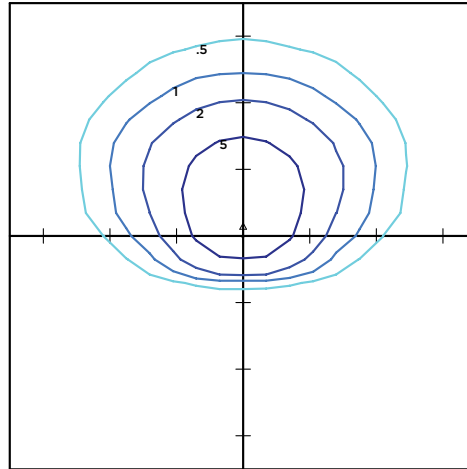
LUMINAIRE DATA

Type FTW Distribution	
Description	4000 Kelvin, 80 CRI
Delivered Lumens	5,454
Watts	39
Efficacy	140
IES Type	Type IV - Very Short
BUG Rating	B1-U0-G1

Zonal Lumen Summary

Zone	Lumens	%Luminaire
Low (0-30)°	1191	20%
Medium (30-60)°	2668	50%
High (60-80)°	1508	28%
Very High (80-90)°	87	1%
Uplight (90-180)°	0	0%
Total Flux	5454	100%

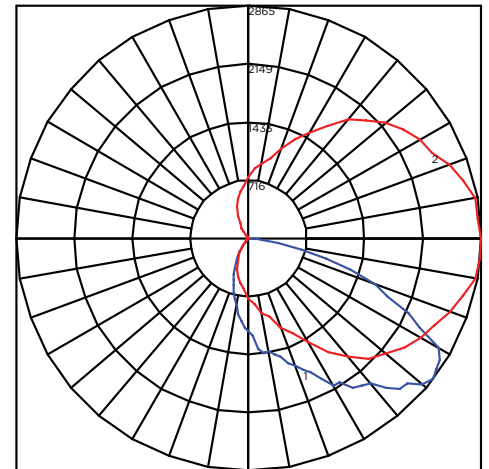
ISO FOOTCANDLE



10' Mounting Height/10' Grid Spacing

■ 5 FC ■ 2 FC ■ 1 FC ■ 0.5 FC

POLAR CURVE



XWS-LED-5L-MT-40

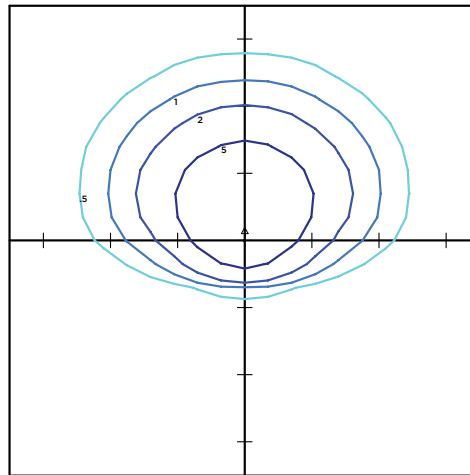
LUMINAIRE DATA

Type MT Distribution	
Description	4000 Kelvin, 80 CRI
Delivered Lumens	5,628
Watts	39
Efficacy	144
IES Type	Type III - Very Short
BUG Rating	B1-U0-G1

Zonal Lumen Summary

Zone	Lumens	%Luminaire
Low (0-30)°	1134	22%
Medium (30-60)°	2788	54%
High (60-80)°	1194	23%
Very High (80-90)°	11	0%
Uplight (90-180)°	0	0%
Total Flux	5127	100%

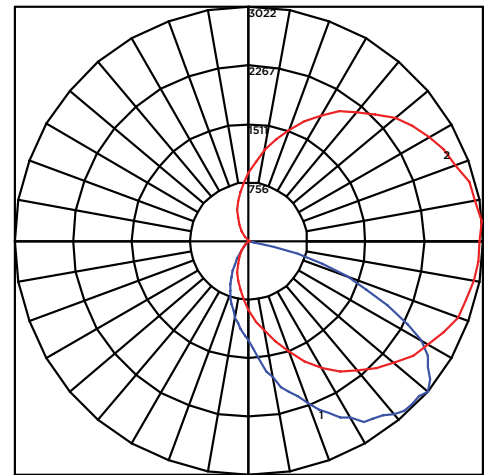
ISO FOOTCANDLE



10' Mounting Height/10' Grid Spacing

■ 5 FC ■ 2 FC ■ 1 FC ■ 0.5 FC

POLAR CURVE





Mirada Small Wall Sconce (XWS)

PHOTOMETRICS (CONT.)

XWS-LED-5L-MTD-40

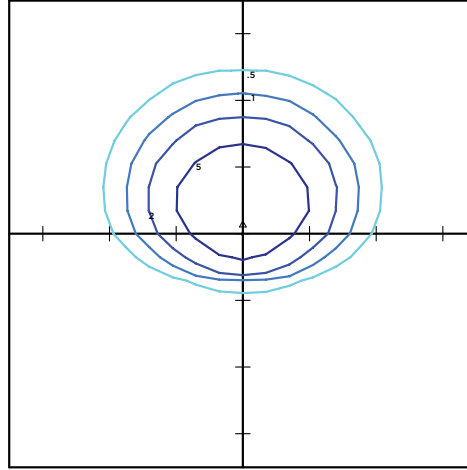
LUMINAIRE DATA

Type MTD Distribution	
Description	4000 Kelvin, 80 CRI
Delivered Lumens	4,330
Watts	39
Efficacy	135
IES Type	Type III - Very Short
BUG Rating	B2-U0-G1

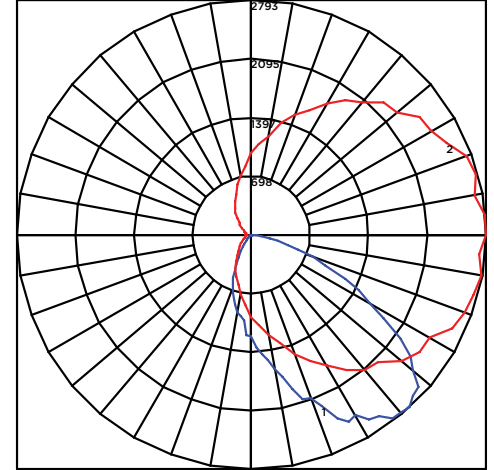
Zonal Lumen Summary

Zone	Lumens	%Luminaire
Low (0-30)°	1387	25%
Medium (30-60)°	2721.4	57%
High (60-80)°	1068	17%
Very High (80-90)°	86.8	1%
Uplight (90-180)°	0	0%
Total Flux	5263	100%

ISO FOOTCANDLE



POLAR CURVE



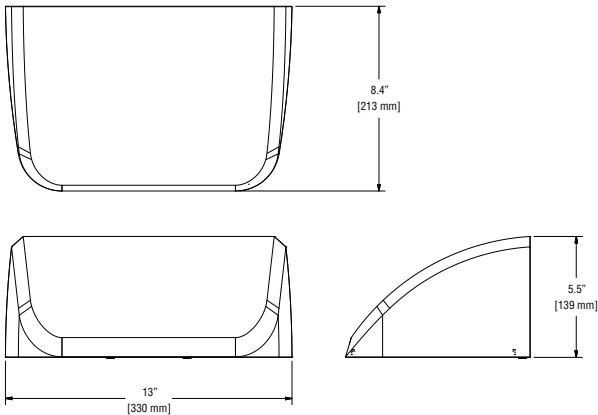
10' Mounting Height/10' Grid Spacing

■ 5 FC ■ 2 FC ■ 1 FC ■ 0.5 FC

PRODUCT DIMENSIONS

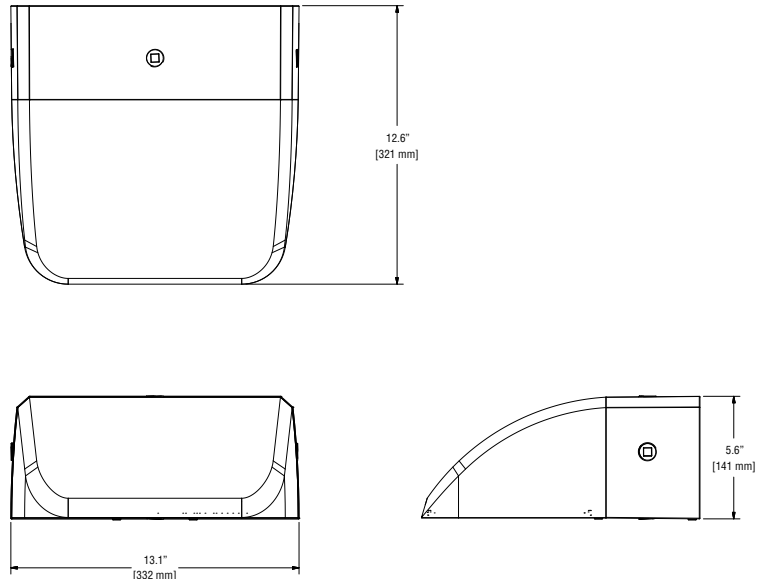
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STANDARD HOUSING

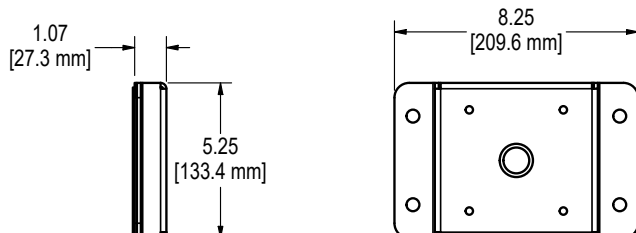


SCWB EXTENDED HOUSING

(Required for Wireless Controls, IMSBT, Battery Backup and 2DP Options)



WALL SPACER PLATE





Mirada Small Wall Sconce (XWS)

CONTROLS

AirLink Wireless Lighting Controller

The AirLink integrated controller is a California Title 24 compliant lighting controller that provides real-time light monitoring and control with utility-grade power monitoring. It includes a 24V sensor input and power supply to connect a sensor into the outdoor AirLink wireless lighting system. The wireless integrated controller is compatible with this fixture.

[Click here to learn more about AirLink.](#)

Integral Bluetooth™ Motion and Photocell Sensor (IMSBT)

Slim low profile sensor provides multi-level control based on motion and/or daylight. Sensor controls 0-10 VDC LED drivers and is rated for cold and wet locations (-30° C to 70° C). Two unique PIR lenses are available and used based on fixture mounting height. All control parameters are adjustable via an iOS or Android App capable of storing and transmitting sensor profiles.

[Click here to learn more about IMSBT.](#)

AirLink Blue

Wireless Bluetooth Mesh Outdoor Lighting Control System that provides energy savings, code compliance and enhanced safety/security for parking lots and parking garages. Three key components; Bluetooth wireless radio/sensor controller, Time Keeper and an iOS App. Capable of grouping multiple fixtures and sensors as well as scheduling time-based events by zone. Radio/Sensor Controller is factory integrated into Area/Site, Wall Mounted, Parking Garage and Canopy luminaires.

[Click here to learn more about AirLink Blue.](#)

