

ODEN LED Specifications



Project Name:

Catalog Number:

Type:

With six interchangeable caps and spun shade styles, the **Oden - LED** offers architects, designers and engineers endless possibilities for a custom fixture to fit their unique application.

The **Oden - LED Array**'s high-quality, durable construction makes it an ideal fixture for any application.

Ordering Information

MODEL	OPTICS	LEDs	CURRENT	KELVIN	VOLTAGE	MOUNTING	FINISH	CAP/SHADE	OPTIONS	OPTIONS
ODN-1-L	T1 Type 1	16LC	3 350mA	3K 3000K	UNV 120-277V	YM Yoke Mount *Slips over 3" ØD	BZ Bronze	C1	PC-120	DIM 0-10v Dimming Driver
	T2 Type 2	32LC	5 530mA	4K 4000K	8 347V	tenon × 4" tall with special threaded mounting plate.	WB Weathered Brown	C2	PC-208	
	T3 Type 3	48LC	7 700mA	5K 5000K	5 480V		BK Black	C3	PC-240	VWC Visionaire Wireless Controls *Consult Factory
ODN-2-L	T4 Type 4	48LC				UAM Arm Mount *Decorative arm not included	SBK Smooth Black	C4	WSC-8 Motion Sensor 8' Mounting Height	IR-R Illuminated Rings Red
	T5 Type 5	64LC				See decorative arm section for arm mount options	WH White	C5	WSC-20 Motion Sensor 9-20' Mounting Height	IR-B Illuminated Rings Blue
	T5W Type 5 Wide	96LC					SWH Smooth White	H1	WSC-40 Motion Sensor 21-40' Mounting Height *The WSC option will require (1) FSIR 100 remote for programming	IR-G Illuminated Rings Green
ODN-3-L	T5WR Type 5 Wide Round	96LC				ODN uses small arm. ODN-2 & ODN-3 uses large arm	GP Graphite	H2		CLS Cutoff Louver Shield
		128LC					GY Grey	H3		
							SL Silver Metallic	H4		
							FG Forest Green	H5		
							VD Verdigris	H6		
							CC Custom Color			

Features & Specifications

ODEN

Housing

- High-quality, one-piece spun aluminum shade and durable cast aluminum top cap; available in three housing sizes.
- All external hardware is stainless steel.
- One-piece spun aluminum removable door assembly..

Thermal Management

- The Oden - LED provides excellent overall thermal management by maximizing the efficiency of the heat sink in the fixture. This enables the Oden - LED to withstand higher ambient temperatures and higher drive currents without degrading LED life.

Optical System

- The highest lumen output LEDs are utilized. Estimated life of the LEDs is 100,000+ hours. Available with 6 IES distribution patterns. Available with up to 96 LED. The optical system qualifies as IES full cutoff to restrict light trespass, glare and light pollution for neighborhood-friendly lighting.
- CRI values are 70

Quali-Guard® Finish

- Fixture components are chemically pretreated through a multiple-stage washer and finished with an electrostatically-applied, thermoset polyester powder coat textured paint with a 3 to 5 mils thickness. Finish is oven-baked at 400 °F for maximum adherence and finish hardness.
- Available in standard and custom colors.

Mounting

- The Oden - LED Array mounts to a wide selection of decorative and custom Visionaire mounting arms. Visionaire decorative mounting arm required. See Visionaire Mounting Arms section of the catalog.
- Oden 1 requires small decorative arm
- Oden 2 & Oden 3 requires large decorative arm

Electrical Assembly

- The Oden - LED is supplied with a high-performance LED driver, located in its cap, that accepts 120 V thru 277 V, and 480 V, 50 Hz to 60 Hz input. Power factor is 90%.
- Rated for -40 of operation.
- 10 kV surge protector supplied as standard.

Warranty

- Five (5) year Limited Warranty on entire system, including finish. For full warranty information, please visit www.visionairelighting.com.

Options

- Button type photocell
- Watt Stopper FSP-211
- 0-10 V dimming driver
- Wireless Controls
- Illuminated Rings
- Cutoff louver system

Listings

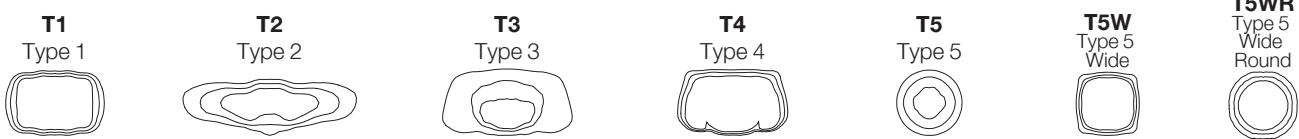
- Oden is cUL listed, suitable for wet locations.
- IP65 Rated
- IDA Certification
- LM79
- LM80
- Powder Coated Tough™



3000K must be selected for IDA certification.
Fixed mount must be selected for IDA dark sky certification.

ODEN LED Specifications

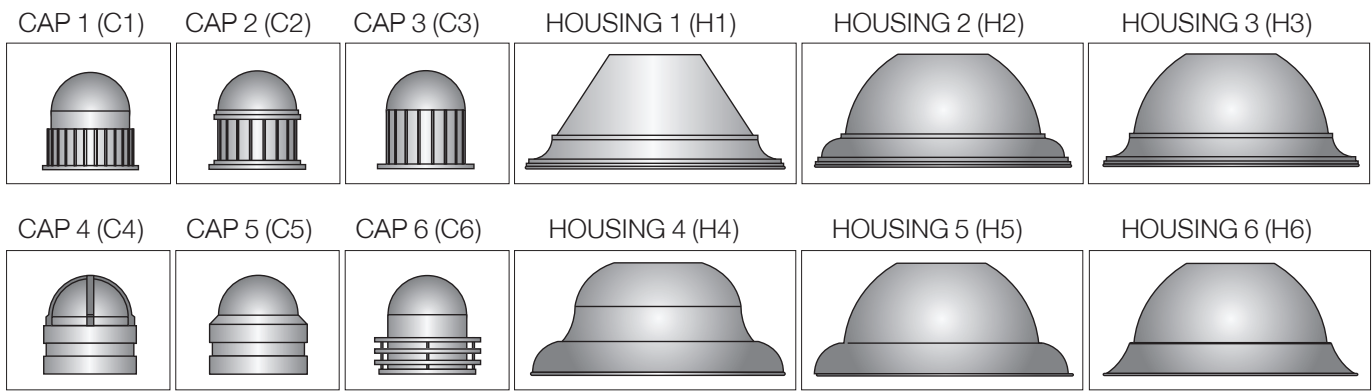
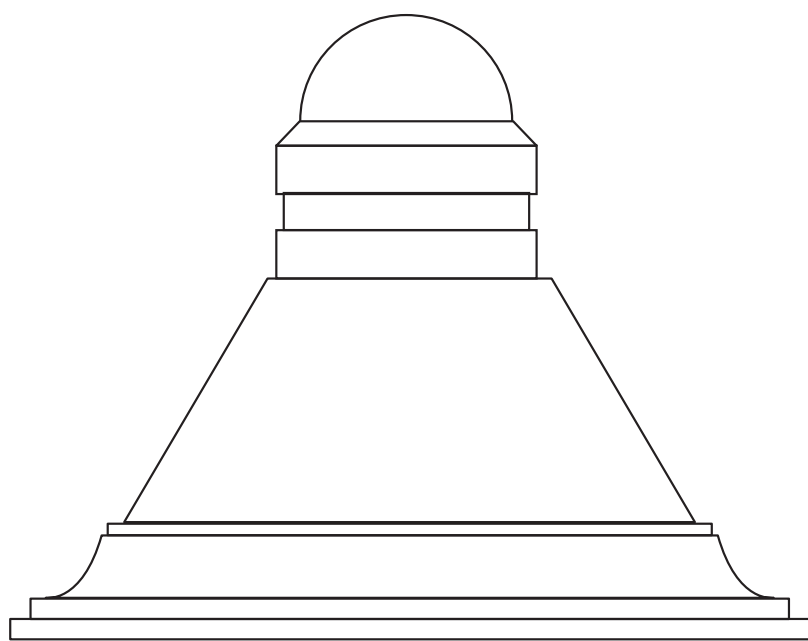
Photometric Optical Summary



EPA Data	Fixture	Fixture Only	Fixture with VA110-S1	2 Fixtures with VA110-D2	Fixture with VA107-S1	2 Fixtures with VA107-D2
	ODN-1	1.2	2.2	4.1	3.5	5.6
	ODN-2	2.6	3.6	6.6	4.9	8.3
	ODN-3	3.5	4.5	8.6	5.8	9.8

Dimensions

Size 1		Size 2		Size 3	
Width:	ODN-1 20"	Width:	ODN-2 25"	Width:	ODN-3 30"
Height:	ODN-1 19.5"	Height:	ODN-2 22.5"	Height:	ODN-3 24"
Weight:	40 LBS	Weight:	53 LBS	Weight:	74 LBS



ODEN DATA																																	
	# LEDs	mA	Type 1	B	U	G	LPW	Type 2	B	U	G	LPW	Type 3	B	U	G	LPW	Type 4	B	U	G	LPW	Type 5	B	U	G	LPW	Type 5W	B	U	G	LPW	Watts
ODN-1	16	350	2561	1	0	1	142	2399	1	0	1	133	2443	1	0	1	136	2288	1	0	1	127	2568	1	0	1	143	2486	2	0	1	138	18
		530	3665	2	0	2	134	3433	1	0	1	126	3496	1	0	1	128	3275	1	0	1	120	3675	2	0	1	134	3558	2	0	1	130	27
		700	4572	2	0	2	124	4283	1	0	2	116	4361	1	0	1	118	4085	1	0	1	110	4585	2	0	1	124	4438	2	0	1	120	37
	32	350	4875	2	0	2	135	4566	1	0	2	127	4649	1	0	1	129	4355	1	0	1	121	4888	2	0	1	136	4732	3	0	1	131	36
		530	7225	3	0	3	132	6767	2	0	2	124	6891	1	0	1	126	6455	1	0	2	118	7245	3	0	1	133	7013	3	0	1	128	55
		700	9013	3	0	3	129	8442	2	0	2	121	8596	1	0	2	123	8053	2	0	2	115	9037	3	0	1	129	8748	3	0	2	125	70
	48	350	7701	3	0	3	144	7213	2	0	2	135	7345	1	0	1	137	6880	1	0	2	129	7722	3	0	1	144	7474	3	0	1	140	54
		530	11414	3	0	3	139	10690	2	0	3	130	10886	2	0	2	133	10198	2	0	2	124	11445	3	0	1	140	11078	3	0	2	135	82
		700	14237	3	0	3	133	13335	3	0	3	125	13580	2	0	2	127	12721	2	0	2	119	14276	3	0	2	133	13819	4	0	2	129	107
ODN-2	48	350	7701	3	0	3	144	7213	2	0	2	135	7345	1	0	1	137	6880	1	0	2	129	7722	3	0	1	144	7474	3	0	1	140	54
		530	11414	3	0	3	139	10690	2	0	3	130	10886	2	0	2	133	10198	2	0	2	124	11445	3	0	1	140	11078	3	0	2	135	82
		700	14237	3	0	3	133	13335	3	0	3	125	13580	2	0	2	127	12721	2	0	2	119	14276	3	0	2	133	13819	4	0	2	129	107
	64	350	10058	3	0	3	140	9421	2	0	3	131	9593	2	0	2	133	8986	2	0	2	125	10085	3	0	1	140	9763	3	0	2	136	72
		530	14224	3	0	3	135	13323	3	0	3	127	13567	2	0	2	129	12709	2	0	2	121	14263	3	0	2	136	13807	4	0	2	131	105
		700	17919	4	0	4	128	16784	3	0	3	120	17091	2	0	2	122	16011	3	0	3	114	17969	4	0	2	128	17393	4	0	2	124	140
	80	350	12294	3	0	3	138	11515	3	0	3	129	11726	2	0	2	132	10984	2	0	2	123	12328	3	0	2	139	11933	4	0	2	134	89
		530	17187	3	0	3	132	16098	3	0	3	124	16393	2	0	2	126	15356	3	0	3	118	17234	4	0	2	133	16683	4	0	2	128	130
		700	21635	4	0	4	122	20265	3	0	4	114	20636	3	0	3	117	19331	3	0	3	109	21695	4	0	2	123	21000	4	0	2	119	177
	96	350	14832	3	0	3	136	13892	3	0	3	127	14146	2	0	2	130	13252	2	0	2	122	14872	3	0	2	136	14396	4	0	2	132	109
		530	21334	4	0	4	133	19982	3	0	3	125	20348	3	0	3	127	19061	3	0	3	119	21392	4	0	2	134	20707	4	0	2	129	160
		700	26644	4	0	4	127	24956	3	0	4	119	25412	3	0	3	121	23805	3	0	3	113	26717	4	0	2	127	25861	5	0	3	123	210
ODN-3	96	350	14832	3	0	3	136	13892	3	0	3	127	14146	2	0	2	130	13252	2	0	2	122	14872	3	0	2	136	14396	4	0	2	132	109
		530	21334	4	0	4	133	19982	3	0	3	125	20348	3	0	3	127	19061	3	0	3	119	21392	4	0	2	134	20707	4	0	2	129	160
		700	26644	4	0	4	127	24956	3	0	4	119	25412	3	0	3	121	23805	3	0	3	113	26717	4	0	2	127	25861	5	0	3	123	210
	128	350	18258	4	0	4	127	17101	3	0	3	119	17415	2	0	2	121	16313	3	0	3	113	18308	4	0	2	127	17722	4	0	2	123	144
		530	25821	4	0	4	123	24186	3	0	4	115	24628	3	0	3	117	23071	3	0	3	110	25892	4	0	2	123	25063	5	0	3	119	210
	700	32530	5	0	4	119	30469	4	0	5	111	31026	3	0	4	113	29064	3	0	4	106	29064	5	0	3	119	31837	5	0	3	115	274	
Visit www.VisionaireLighting.com for up-to-the-minute chart information, including types not listed here. *Multiply 4K values by 0.96 5K / 0.95 3K																																	

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ODEN LED Specifications

ODEN CLS - 3K LUMEN DATA										
	# Leds	Current (mA)	T1	T2	T3	T4	T5	T5W	T5WR	Watts
ODN-1-L	16	350	1776	1664	1694	1587	1781	1724	1738	18
		530	2542	2381	2425	2271	2549	2467	2488	27
		700	3171	2970	3024	2833	3180	3078	3103	37
ODN-1-L	32	350	3381	3166	3224	3020	3390	3281	3308	36
		530	5011	4693	4779	4477	5024	4864	4904	55
		700	6250	5854	5962	5585	6267	6067	6117	70
ODN-1-L	48	350	5340	5002	5094	4771	5355	5184	5227	54
		530	7915	7414	7550	7072	7937	7683	7747	82
		700	9874	9248	9417	8822	9901	9584	9664	107
ODN-2-L	48	350	5340	5002	5094	4771	5355	5184	5227	54
		530	7915	7414	7550	7072	7937	7683	7747	82
		700	9874	9248	9417	8822	9901	9584	9664	107
ODN-2-L	64	350	6975	6533	6653	6232	6994	6770	6827	72
		530	9864	9240	9409	8814	9891	9575	9654	105
		700	12427	11640	11853	11103	12461	12062	12163	140
ODN-2-L	80	350	8526	7986	8132	7618	8549	8276	8345	89
		530	11919	11164	11369	10650	11952	11569	11666	130
		700	15004	14054	14311	13406	15045	14564	14685	177
ODN-2-L	96	350	10286	9634	9810	9190	10314	9984	10067	109
		530	14795	13858	14111	13219	14835	14361	14480	160
		700	18477	17307	17624	16509	18528	17935	18084	210
ODN-3-L	96	350	10286	9634	9810	9190	10314	9984	10067	109
		530	14795	13858	14111	13219	14835	14361	14480	160
		700	18477	17307	17624	16509	18528	17935	18084	210
ODN-3-L	128	350	12662	11860	12077	11313	12697	12290	12392	144
		530	17907	16773	17080	16000	17956	17381	17526	210
		700	22559	21130	21517	20156	22621	21897	22080	274
ODEN CLS - 4K LUMEN DATA										
	# Leds	Current (mA)	T1	T2	T3	T4	T5	T5W	T5WR	Watts
ODN-1-L	16	350	1870	1751	1783	1671	1875	1815	1830	18
		530	2676	2506	2552	2391	2683	2597	2619	27
		700	3338	3126	3184	2982	3347	3240	3267	37
ODN-1-L	32	350	3559	3333	3394	3179	3568	3454	3483	36
		530	5274	4940	5031	4712	5289	5120	5162	55
		700	6579	6162	6275	5878	6597	6386	6439	70
ODN-1-L	48	350	5621	5265	5362	5023	5637	5456	5502	54
		530	8332	7804	7947	7444	8355	8087	8155	82
		700	10393	9735	9913	9286	10422	10088	10172	107
ODN-2-L	48	350	5621	5265	5362	5023	5637	5456	5502	54
		530	8332	7804	7947	7444	8355	8087	8155	82
		700	10393	9735	9913	9286	10422	10088	10172	107
ODN-2-L	64	350	7342	6877	7003	6560	7362	7127	7186	72
		530	10384	9726	9904	9277	10412	10079	10163	105
		700	13081	12252	12477	11688	13117	12697	12803	140
ODN-2-L	80	350	8975	8406	8560	8019	8999	8711	8784	89
		530	12547	11752	11967	11210	12581	12178	12280	130
		700	15794	14793	15064	14111	15837	15330	15458	177
ODN-2-L	96	350	10827	10141	10327	9674	10857	10509	10597	109
		530	15574	14587	14854	13915	15616	15116	15242	160
		700	19450	18218	18551	17378	19503	18879	19036	210
ODN-3-L	96	350	10827	10141	10327	9674	10857	10509	10597	109
		530	15574	14587	14854	13915	15616	15116	15242	160
		700	19450	18218	18551	17378	19503	18879	19036	210
ODN-3-L	128	350	13328	12484	12713	11909	13365	12937	13045	144
		530	18850	17655	17979	16842	18901	18296	18449	210
		700	23747	22242	22649	21217	23812	23049	23241	274

ODEN CLS - 5K LUMEN DATA										
	# Leds	Current (mA)	T1	T2	T3	T4	T5	T5W	T5WR	Watts
ODN-1-L	16	350	1794	1680	1711	1603	1799	1742	1743	18
		530	2567	2405	2449	2294	2575	2492	2494	27
		700	3203	3000	3055	2862	3212	3109	3111	37
ODN-1-L	32	350	3415	3198	3257	3051	3424	3314	3317	36
		530	5061	4741	4827	4522	5075	4913	4917	55
		700	6314	5914	6022	5641	6331	6128	6133	70
ODN-1-L	48	350	5394	5052	5145	4819	5409	5236	5240	54
		530	7995	7489	7626	7144	8017	7761	7766	82
		700	9973	9342	9513	8911	10001	9681	9688	107
ODN-2-L	48	350	5394	5052	5145	4819	5409	5236	5240	54
		530	7995	7489	7626	7144	8017	7761	7766	82
		700	9973	9342	9513	8911	10001	9681	9688	107
ODN-2-L	64	350	7045	6599	6720	6295	7065	6839	6844	72
		530	9964	9333	9504	8902	9992	9672	9679	105
		700	12552	11757	11973	11216	12587	12184	12193	140
ODN-2-L	80	350	8612	8067	8214	7695	8636	8359	8366	89
		530	12040	11277	11484	10757	12073	11687	11695	130
		700	15156	14196	14455	13541	15197	14711	14722	177
ODN-2-L	96	350	10389	9732	9910	9283	10418	10084	10092	109
		530	14945	13998	14254	13352	14985	14506	14517	160
		700	18664	17481	17802	17227	18715	18116	18130	210
ODN-3-L	96	350	10389	9732	9910	9283	10418	10084	10092	109
		530	14945	13998	14254	13352	14985	14506	14517	160
		700	18664	17481	17802	17227	18715	18116	18130	210
ODN-3-L	128	350	12790	11980	12199	11427	12825	12414	12424	144
		530	18088	16942	17252	16161	18138	17557	17570	210
		700	22787	21344	21734	20360	22850	22118	22134	274

ODEN LED Specifications

ODEN CLS - 3K LUMEN PER WATT DATA										
	# Leds	Current (mA)	T1	T2	T3	T4	T5	T5W	T5WR	Watts
ODN-1-L	16	350	99	92	94	88	99	96	97	18
		530	93	87	89	83	93	90	91	27
		700	86	80	82	77	86	83	84	37
ODN-1-L	32	350	94	88	90	84	94	91	92	36
		530	92	86	87	82	92	89	90	55
		700	89	84	85	80	90	87	87	70
ODN-1-L	48	350	100	93	95	89	100	97	98	54
		530	97	90	92	86	97	94	94	82
		700	92	86	88	82	93	90	90	107
ODN-2-L	48	350	100	93	95	89	100	97	98	54
		530	97	90	92	86	97	94	94	82
		700	92	86	88	82	93	90	90	107
ODN-2-L	64	350	97	91	92	87	97	94	95	72
		530	94	88	90	84	94	91	92	105
		700	89	83	85	79	89	86	87	140
ODN-2-L	80	350	96	90	91	86	96	93	94	89
		530	92	86	87	82	92	89	90	130
		700	85	79	81	76	85	82	83	177
ODN-2-L	96	350	94	88	90	84	95	92	92	109
		530	92	87	88	83	93	90	91	160
		700	88	82	84	79	88	85	86	210
ODN-3-L	96	350	94	88	90	84	95	92	92	109
		530	92	87	88	83	93	90	91	160
		700	88	82	84	79	88	85	86	210
ODN-3-L	128	350	88	82	84	79	88	85	86	144
		530	85	80	81	76	86	83	83	210
		700	82	77	79	74	83	80	81	274
ODEN CLS - 4K LUMEN PER WATT DATA										
	# Leds	Current (mA)	T1	T2	T3	T4	T5	T5W	T5WR	Watts
ODN-1-L	16	350	104	97	99	93	104	101	102	18
		530	98	92	93	87	98	95	96	27
		700	90	84	86	81	90	88	88	37
ODN-1-L	32	350	99	93	94	88	99	96	97	36
		530	96	90	92	86	97	94	94	55
		700	94	88	90	84	94	91	92	70
ODN-1-L	48	350	105	98	100	94	105	102	103	54
		530	102	95	97	91	102	99	99	82
		700	97	91	93	87	97	94	95	107
ODN-2-L	48	350	105	98	100	94	105	102	103	54
		530	102	95	97	91	102	99	99	82
		700	97	91	93	87	97	94	95	107
ODN-2-L	64	350	102	96	97	91	102	99	100	72
		530	99	93	94	88	99	96	97	105
		700	93	88	89	83	94	91	91	140
ODN-2-L	80	350	101	94	96	90	101	98	99	89
		530	97	90	92	86	97	94	94	130
		700	89	84	85	80	89	87	87	177
ODN-2-L	96	350	99	93	95	89	100	96	97	109
		530	97	91	93	87	98	94	95	160
		700	93	87	88	83	93	90	91	210
ODN-3-L	96	350	99	93	95	89	100	96	97	109
		530	97	91	93	87	98	94	95	160
		700	93	87	88	83	93	90	91	210
ODN-3-L	128	350	93	87	88	83	93	90	91	144
		530	90	84	86	80	90	87	88	210
		700	87	81	83	77	87	84	85	274

ODEN CLS - 5K LUMEN PER WATT DATA										
	# Leds	Current (mA)	T1	T2	T3	T4	T5	T5W	T5WR	Watts
ODN-1-L	16	350	100	93	95	89	100	97	97	18
		530	94	88	90	84	94	91	91	27
		700	87	81	83	77	87	84	84	37
ODN-1-L	32	350	95	89	90	85	95	92	92	36
		530	93	87	88	83	93	90	90	55
		700	90	84	86	81	90	88	88	70
ODN-1-L	48	350	101	94	96	90	101	98	98	54
		530	97	91	93	87	98	95	95	82
		700	93	87	89	83	93	90	91	107
ODN-2-L	48	350	101	94	96	90	101	98	98	54
		530	97	91	93	87	98	95	95	82
		700	93	87	89	83	93	90	91	107
ODN-2-L	64	350	98	92	93	87	98	95	95	72
		530	95	89	91	85	95	92	92	105
		700	90	84	86	80	90	87	87	140
ODN-2-L	80	350	97	91	92	86	97	94	94	89
		530	93	87	88	83	93	90	90	130
		700	86	80	82	77	86	83	83	177
ODN-2-L	96	350	95	89	91	85	96	93	93	109
		530	93	87	89	83	94	91	91	160
		700	89	83	85	82	89	86	86	210
ODN-3-L	96	350	95	89	91	85	96	93	93	109
		530	93	87	89	83	94	91	91	160
		700	89	83	85	82	89	86	86	210
ODN-3-L	128	350	89	83	85	79	89	86	86	144
		530	86	81	82	77	86	84	84	210
		700	83	78	79	74	83	81	81	274

ODEN LED Specifications

ODEN CLS - 3K LUMEN PER WATT DATA																								
	# Leds	Current (mA)	T1			T2			T3			T4			T5			T5W			T5WR			Watts
			B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	
ODN-1-L	16	350	1	0	1	0	0	1	0	0	1	0	0	1	1	0	1	1	0	1	1	0	1	18
		530	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	27
		700	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	37
ODN-1-L	32	350	1	0	1	1	0	2	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	36
		530	2	0	2	1	0	2	1	0	2	1	0	2	1	0	1	2	0	2	2	0	2	55
		700	2	0	2	1	0	2	1	0	2	1	0	2	2	0	1	2	0	2	2	0	2	70
ODN-1-L	48	350	2	0	2	1	0	2	1	0	2	1	0	2	1	0	1	2	0	2	2	0	2	54
		530	2	0	2	1	0	3	1	0	2	1	0	2	2	0	2	2	0	2	2	0	2	82
		700	3	0	3	1	0	3	2	0	3	2	0	3	2	0	2	3	0	3	3	0	3	107
ODN-2-L	48	350	2	0	2	1	0	2	1	0	2	1	0	2	1	0	1	2	0	2	2	0	2	54
		530	2	0	2	1	0	3	1	0	2	1	0	2	2	0	2	2	0	2	2	0	2	82
		700	3	0	3	1	0	3	2	0	3	2	0	3	2	0	2	3	0	3	3	0	3	107
ODN-2-L	64	350	2	0	2	1	0	2	1	0	2	1	0	2	2	0	1	2	0	2	2	0	2	72
		530	3	0	3	1	0	3	2	0	3	2	0	3	2	0	2	3	0	3	3	0	3	105
		700	3	0	3	2	0	3	2	0	3	2	0	3	2	0	2	3	0	3	3	0	3	140
ODN-2-L	80	350	2	0	2	1	0	3	2	0	2	1	0	2	2	0	2	2	0	2	2	0	2	89
		530	3	0	3	2	0	3	2	0	3	2	0	3	2	0	2	3	0	3	3	0	3	130
		700	3	0	3	2	0	3	2	0	3	2	0	3	3	0	3	3	0	3	3	0	3	177
ODN-2-L	96	350	3	0	3	2	0	3	2	0	3	2	0	3	2	0	2	3	0	3	3	0	3	109
		530	3	0	3	2	0	3	2	0	3	2	0	3	3	0	3	3	0	3	3	0	3	160
		700	3	0	3	2	0	4	3	0	3	2	0	3	3	0	3	3	0	3	3	0	3	210
ODN-3-L	96	350	3	0	3	2	0	3	2	0	3	2	0	3	2	0	2	3	0	3	3	0	3	109
		530	3	0	3	2	0	3	2	0	3	2	0	3	3	0	3	3	0	3	3	0	3	160
		700	3	0	3	2	0	4	3	0	3	2	0	3	3	0	3	3	0	3	3	0	3	210
ODN-3-L	128	350	3	0	3	2	0	3	2	0	3	2	0	3	2	0	2	3	0	3	3	0	3	144
		530	3	0	3	2	0	4	3	0	3	2	0	3	3	0	3	3	0	3	3	0	3	210
		700	4	0	4	3	0	4	3	0	4	3	0	4	3	0	3	3	0	4	3	0	4	274
ODEN CLS - 4K LUMEN PER WATT DATA																								
	# Leds	Current (mA)	T1			T2			T3			T4			T5			T5W			T5WR			Watts
			B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	
ODN-1-L	16	350	1	0	1	0	0	1	1	0	1	0	0	1	1	0	1	1	0	1	1	0	1	18
		530	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	27
		700	1	0	1	1	0	2	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	37
ODN-1-L	32	350	1	0	1	1	0	2	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	36
		530	2	0	2	1	0	2	1	0	2	1	0	2	1	0	1	2	0	2	2	0	2	55
		700	2	0	2	1	0	2	1	0	2	1	0	2	2	0	1	2	0	2	2	0	2	70
ODN-1-L	48	350	2	0	2	1	0	2	1	0	2	1	0	2	1	0	1	2	0	2	2	0	2	54
		530	2	0	2	1	0	3	2	0	2	1	0	2	2	0	2	2	0	2	2	0	2	82
		700	3	0	3	2	0	3	2	0	3	2	0	3	2	0	2	3	0	3	3	0	3	107
ODN-2-L	48	350	2	0	2	1	0	2	1	0	2	1	0	2	1	0	1	2	0	2	2	0	2	54
		530	2	0	2	1	0	3	2	0	2	1	0	2	2	0	2	2	0	2	2	0	2	82
		700	3	0	3	2	0	3	2	0	3	2	0	3	2	0	2	3	0	3	3	0	3	107
ODN-2-L	64	350	2	0	2	1	0	3	1	0	2	1	0	2	2	0	2	2	0	2	2	0	2	72
		530	3	0	3	2	0	3	2	0	3	2	0	3	2	0	2	3	0	3	3	0	3	105
		700	3	0	3	2	0	3	2	0	3	2	0	3	2	0	2	3	0	3	3	0	3	140
ODN-2-L	80	350	3	0	3	1	0	3	2	0	2	1	0	2	2	0	2	2	0	2	2	0	2	89
		530	3	0	3	2	0	3	2	0	3	2	0	3	2	0	2	3	0	3	3	0	3	130
		700	3	0	3	2	0	3	2	0	3	2	0	3	3	0	3	3	0	3	3	0	3	177
ODN-2-L	96	350	3	0	3	2	0	3	2	0	3	2	0	3	2	0	2	3	0	3	3	0	3	109
		530	3	0	3	2	0	3	2	0	3	2	0	3	3	0	3	3	0	3	3	0	3	160
		700	3	0	4	2	0	4	3	0	3	3	0	3	3	0	3	3	0	4	3	0	3	210
ODN-3-L	96	350	3	0	3	2	0	3	2	0	3	2	0	3	2	0	2	3	0	3	3	0	3	109
		530	3	0	3	2	0	3	2	0	3	2	0	3	3	0	3	3	0	3	3	0	3	160
		700	3	0	4	2	0	4	3	0	3	3	0	3	3	0	3	3	0	4	3	0	3	210
ODN-3-L	128	350	3	0	3	2	0	3	2	0	3	2	0	3	2	0	2	3	0	3	3	0	3	144
		530	3	0	3	2	0	4	3	0	3	3	0	3	3	0	3	3	0	4	3	0	3	210
		700	4	0	4	3	0	4	3	0	4	3	0	4	3	0	3	3	0	4	4	0	4	274

ODEN CLS - 5K LUMEN PER WATT DATA																								
	# Leds	Current (mA)	T1			T2			T3			T4			T5			T5W			T5WR			Watts
			B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	B	U	G	
ODN-1-L	16	350	1	0	1	0	0	1	0	0	1	0	0	1	1	0	1	1	0	1	1	0	1	18
		530	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	27
		700	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	37
ODN-1-L	32	350	1	0	1	1	0	2	1	0	1	1	0	1	1	0	1	1	0	1	1	0	1	36
		530	2	0	2	1	0	2	1	0	2	1	0	2	1	0	1	2	0	2	2	0	2	55
		700	2	0	2	1	0	2	1	0	2	1	0	2	2	0	1	2	0	2	2	0	2	70
ODN-1-L	48	350	2	0	2	1	0	2	1	0	2	1	0	2	1	0	1	2	0	2	2	0	2	54
		530	2	0	2	1	0	3	1	0	2	1	0	2	2	0	2	2	0	2	2	0	2	82
		700	3	0	3	2	0	3	2	0	3	2	0	3	2	0	2	3	0	3	3	0	3	107
ODN-2-L	48	350	2	0	2	1	0	2	1	0	2	1	0	2	1	0	1	2	0	2	2	0	2	54
		530	2	0	2	1	0	3	1	0	2	1	0	2	2	0	2	2	0	2	2	0	2	82
		700	3	0	3	2	0	3	2	0	3	2	0	3	2	0	2	3	0	3	3	0	3	107
ODN-2-L	64	350	2	0	2	1	0	2	1	0	2	1	0	2	2	0	2	2	0	2	2	0	2	72
		530	3	0	3	2	0	3	2	0	3	2	0	3	2	0	2	3	0	3	3	0	3	105
		700	3	0	3	2	0	3	2	0	3	2	0	3	2	0	2	3	0	3	3	0	3	140
ODN-2-L	80	350	2	0	2	1	0	3	2	0	2	1	0	2	2	0	2	2	0	2	2	0	2	89
		530	3	0	3	2	0	3	2	0	3	2	0	3	2	0	2	3	0	3	3	0	3	130
		700	3	0	3	2	0	3	2	0	3	2	0	3	3	0	3	3	0	3	3	0	3	177
ODN-2-L	96	350	3	0	3	2	0	3	2	0	3	2	0	3	2	0	2	3	0	3	3	0	3	109
		530	3	0	3	2	0	3	2	0	3	2	0	3	3	0	3	3	0	3	3	0	3	160
		700	3	0	3	2	0	4	3	0	3	3	0	3	3	0	3	3	0	4	3	0	3	210
ODN-3-L	96	350	3	0	3	2	0	3	2	0	3	2	0	3	2	0	2	3	0	3	3	0	3	109
		530	3	0	3	2	0	3	2	0	3	2	0	3	3	0	3	3	0	3	3	0	3	160
		700	3	0	3	2	0	4	3	0	3	3	0	3	3	0	3	3	0	4	3	0	3	210
ODN-3-L	128	350	3	0	3	2	0	3	2	0	3	2	0	3	2	0	2	3	0	3	3	0	3	144
		530	3	0	3	2	0	4	3	0	3	2	0	3	3	0	3	3	0	3	3	0	3	210
		700	4	0	4	3	0	4	3	0	4	3	0	4	3	0	3	3	0	4	3	0	4	274

TEAR SHEET

TYPE: S2

Rega 24" Folded Sconce

Item # KW 2782BZ

Designer: Kelly Wearstler

Height: 24"

Width: 5.25"

Extension: 3.25"

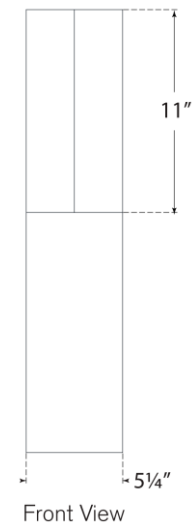
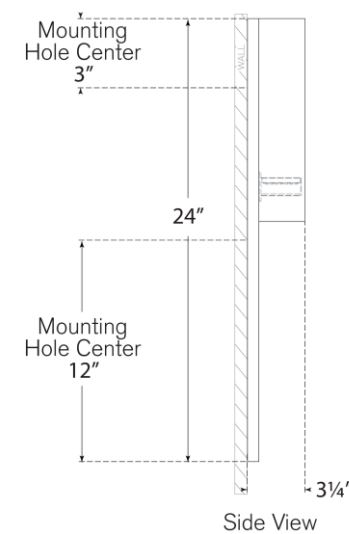
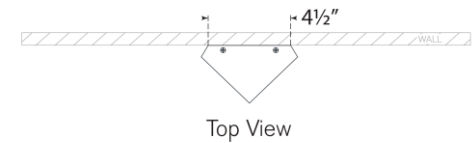
Backplate: 4.5" x 24" Rectangle

Finishes: AB, BZ

Lightsource: Dedicated LED

Wattage: 12w (1000lm)

Weight: 6 Pounds





WDGE2 LED

Architectural Wall Sconce

Precision Refractive Optic



Catalog
Number

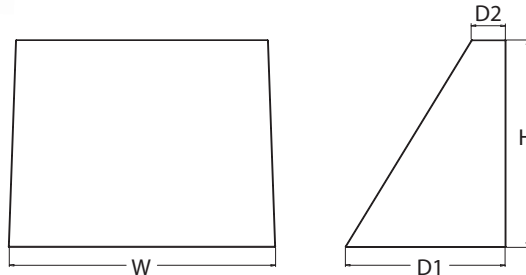
Notes

Type

Hit the Tab key or mouse over the page to see all interactive elements.

Specifications

Depth (D1):	7"
Depth (D2):	1.5"
Height:	9"
Width:	11.5"
Weight: (without options)	13.5 lbs



Introduction

The WDGE2 LED family is designed to meet specifier's every wall-mounted lighting need in a widely accepted shape that blends with any architecture. The clean rectilinear design comes in four sizes with lumen packages ranging from 1,200 to 25,000 lumens, providing a true site-wide solution. Embedded with nLight® AIR wireless controls, the WDGE2 family provides additional energy savings and code compliance.

WDGE2 with industry leading precision refractive optics provides great uniform distribution and optical control. When combined with multiple integrated emergency battery backup options, including an 18W cold temperature option, the WDGE2 becomes the ideal wall-mounted lighting solution for pedestrian scale applications in any environment.



Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect.
*See ordering tree for details

WDGE LED Family Overview

Luminaire	Optics	Standard EM, 0°C	Cold EM, -20°C	Sensor	Approximate Lumens (4000K, 80CRI)						
					P0	P1	P2	P3	P4	P5	P6
WDGE1 LED	Visual Comfort	4W		--	750	1,200	2,000	--	--	--	--
WDGE2 LED	Visual Comfort	10W	18W	Standalone / nLight	--	1,200	2,000	3,000	4,500	6,000	--
WDGE2 LED	Precision Refractive	10W	18W	Standalone / nLight	700	1,200	2,000	3,200	4,200	--	--
WDGE3 LED	Precision Refractive	15W	18W	Standalone / nLight	--	7,500	8,500	10,000	12,000	--	--
WDGE4 LED	Precision Refractive			Standalone / nLight	--	12,000	16,000	18,000	20,000	22,000	25,000

Ordering Information

EXAMPLE: WDGE2 LED P3 40K 80CRI T3M MVOLT SRM DDBXD

Series	Package	Color Temperature	CRI	Distribution	Voltage	Mounting
WDGE2 LED	P0 ¹ P1 ² P2 ² P3 ² P4 ²	27K 2700K 30K 3000K 40K 4000K 50K 5000K AMB ³ Amber	70CRI ⁴ 80CRI LW ³ Limited Wavelength	T1S Type I Short T2M Type II Medium T3M Type III Medium T4M Type IV Medium TFTM Forward Throw Medium	MVOLT 347 ⁵ 480 ⁵	Shipped included SRM Surface mounting bracket ICW Indirect Canopy/Ceiling Washer bracket (dry/damp locations only) ⁶ Shipped separately AWS 3/8inch Architectural wall spacer? PBBW Surface-mounted back box (top, left, right conduit entry). Use when there is no junction box available ⁷

Options			Finish
E10WH	Emergency battery backup, Certified in CA Title 20 MAEDBS (10W, 5°C min)	Standalone Sensors/Controls	DDBXD Dark bronze
E20WC	Emergency battery backup, Certified in CA Title 20 MAEDBS (18W, -20°C min)	PIR Bi-level (100/35%) motion sensor for 8-15' mounting heights. Intended for use on switched circuits with external dusk to dawn switching.	DBLXD Black
PE	Photocell, Button Type ⁸	PIRH Bi-level (100/35%) motion sensor for 15-30' mounting heights. Intended for use on switched circuits with external dusk to dawn switching	DNAXD Natural aluminum
DMG	0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately) ⁹	PIR1FC3V Bi-level (100/35%) motion sensor for 8-15' mounting heights with photocell pre-programmed for dusk to dawn operation.	DWHXD White
BCE	Bottom conduit entry for back box (PBBW). Total of 4 entry points.	PIRH1FC3V Bi-level (100/35%) motion sensor for 15-30' mounting heights with photocell pre-programmed for dusk to dawn operation.	DSSXD Sandstone
CCE	Coastal Construction ⁷	Networked Sensors/Controls	DBBTXD Textured dark bronze
		NLTAIR2 PIR Embedded wireless controls by nLight with Passive Infrared Occ sensor and on/off photocell for 8-15' mounting heights.	DBLBXD Textured black
		NLTAIR2 PIRH Embedded wireless controls by nLight with Passive Infrared Occ sensor and on/off photocell for 15-30' mounting heights.	DNATXD Textured natural aluminum
		NLTAIREM2 PIR Embedded wireless controls by nLight with UL924 listed emergency operation, Passive Infrared Occ sensor and on/off photocell for 8-15' mounting heights	DWHGXD Textured white
		NLTAIREM2 PIRH Embedded wireless controls by nLight with UL924 listed emergency operation, Passive Infrared Occ sensor and on/off photocell for 15-30' mounting heights.	DSSTXD Textured sandstone

See page 4 for out of box functionality



COMMERCIAL OUTDOOR

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WDGE2 LED
Rev. 02/24/25

Accessories

Ordered and shipped separately.

WDGEAWS DDBXD U	WDGE 3/8inch Architectural Wall Spacer (specify finish)
WDGE2PBBW DDBXD U	WDGE2 surface-mounted back box (specify finish)

NOTES

- 1 P0 option not available with sensors/controls.
- 2 P1-P4 not available with AMB and LW.
- 3 AMB and LW always go together.
- 4 70CRI only available with T3M and T4M.
- 5 347V and 480V not available with E10WH or E20WC.
- 6 Not qualified for DLC. Not available with emergency battery backup or sensors/controls.
- 7 For PBBW and AWS with CCE option, require an RFA.
- 8 PE not available in 480V or with sensors/controls.
- 9 DMG option not available with sensors/controls.

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Performance Package	System Watts	Dist. Type	27K (2700K, 80 CRI)					30K (3000K, 80 CRI)					40K (4000K, 80 CRI)					50K (5000K, 80 CRI)					Amber (Limited Wavelength)				
			Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
P0	7W	T1S	636	92	0	0	0	666	97	0	0	0	699	101	0	0	1	691	100	0	0	1	712	47	0	0	1
		T2M	662	96	0	0	0	693	101	0	0	0	728	106	0	0	0	719	104	0	0	0	741	48	0	0	0
		T3M	662	96	0	0	0	693	101	0	0	0	728	106	0	0	0	719	104	0	0	0	741	48	0	0	0
		T4M	648	94	0	0	0	679	98	0	0	0	712	103	0	0	0	704	102	0	0	0	726	47	0	0	0
		TFTM	652	95	0	0	0	683	99	0	0	0	717	104	0	0	0	708	103	0	0	0	730	48	0	0	1
P1	11W	T1S	1,105	99	0	0	1	1,157	104	0	0	1	1,215	109	0	0	1	1,200	107	0	0	1					
		T2M	1,150	103	0	0	1	1,204	108	0	0	1	1,264	113	0	0	1	1,249	112	0	0	1					
		T3M	1,150	103	0	0	1	1,205	108	0	0	1	1,265	113	0	0	1	1,250	112	0	0	1					
		T4M	1,126	101	0	0	1	1,179	106	0	0	1	1,238	111	0	0	1	1,223	110	0	0	1					
		TFTM	1,133	101	0	0	1	1,186	106	0	0	1	1,245	112	0	0	1	1,230	110	0	0	1					
P2	19W	T1S	1,801	95	1	0	1	1,886	99	1	0	1	1,981	104	1	0	1	1,957	103	1	0	1					
		T2M	1,875	99	1	0	1	1,963	103	1	0	1	2,061	109	1	0	1	2,037	107	1	0	1					
		T3M	1,876	99	1	0	1	1,964	103	1	0	1	2,062	109	1	0	1	2,038	107	1	0	1					
		T4M	1,836	97	1	0	1	1,922	101	1	0	1	2,018	106	1	0	1	1,994	105	1	0	1					
		TFTM	1,847	97	1	0	1	1,934	102	1	0	1	2,030	107	1	0	1	2,006	106	1	0	1					
P3	32W	T1S	2,809	87	1	0	1	2,942	92	1	0	1	3,089	96	1	0	1	3,052	95	1	0	1					
		T2M	2,924	91	1	0	1	3,062	95	1	0	1	3,215	100	1	0	1	3,176	99	1	0	1					
		T3M	2,925	91	1	0	1	3,063	95	1	0	1	3,216	100	1	0	1	3,177	99	1	0	1					
		T4M	2,862	89	1	0	1	2,997	93	1	0	1	3,147	98	1	0	1	3,110	97	1	0	1					
		TFTM	2,880	90	1	0	1	3,015	94	1	0	1	3,166	99	1	0	1	3,128	97	1	0	1					
P4	47W	T1S	3,729	80	1	0	1	3,904	84	1	0	1	4,099	88	1	0	1	4,051	87	1	0	1					
		T2M	3,881	83	1	0	1	4,063	87	1	0	1	4,267	91	1	0	1	4,216	90	1	0	1					
		T3M	3,882	83	1	0	1	4,065	87	1	0	1	4,268	91	1	0	1	4,217	90	1	0	1					
		T4M	3,799	81	1	0	1	3,978	85	1	0	1	4,177	90	1	0	1	4,127	88	1	0	1					
		TFTM	3,822	82	1	0	1	4,002	86	1	0	1	4,202	90	1	0	1	4,152	89	1	0	1					

Performance Package	System Watts	Dist. Type	27K (2700K, 70 CRI)					30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
P0	7W	T3M	737	107	0	0	0	763	111	0	0	0	822	119	0	0	0	832	121	0	0	1
		T4M	721	105	0	0	0	746	108	0	0	0	804	117	0	0	1	814	118	0	0	1
P1	11W	T3M	1,280	115	0	0	1	1,325	119	0	0	1	1,427	128	1	0	1	1,445	129	1	0	1
		T4M	1,253	112	0	0	1	1,297	116	0	0	1	1,397	125	0	0	1	1,415	127	0	0	1
P2	19W	T3M	2,087	110	1	0	1	2,160	114	1	0	1	2,327	123	1	0	1	2,357	124	1	0	1
		T4M	2,042	108	1	0	1	2,114	111	1	0	1	2,278	120	1	0	1	2,306	121	1	0	1
P3	32W	T3M	3,254	101	1	0	1	3,369	105	1	0	1	3,629	113	1	0	1	3,675	114	1	0	1
		T4M	3,185	99	1	0	1	3,297	103	1	0	1	3,552	111	1	0	1	3,597	112	1	0	1
P4	47W	T3M	4,319	93	1	0	1	4,471	96	1	0	1	4,817	103	1	0	2	4,878	105	1	0	2
		T4M	4,227	91	1	0	1	4,376	94	1	0	2	4,714	101	1	0	2	4,774	102	1	0	2

Electrical Load

Performance Package	System Watts	Current (A)					
		120Vac	208Vac	240Vac	277Vac	347Vac	480Vac
P0	7.0	0.061	0.042	0.04	0.039	--	--
	9.0	--	--	--	--	0.031	0.021
P1	11.0	0.100	0.064	0.059	0.054	--	--
	14.1	--	--	--	--	0.046	0.031
P2	19.0	0.168	0.106	0.095	0.083	--	--
	22.8	--	--	--	--	0.067	0.050
P3	32.0	0.284	0.163	0.144	0.131	--	--
	37.1	--	--	--	--	0.107	0.079
P4	47.0	0.412	0.234	0.207	0.185	--	--
	53.5	--	--	--	--	0.153	0.112

Lumen Output in Emergency Mode
(4000K, 80 CRI, T3M)

Option	Lumens
E10WH	1,358
E20WC	2,230

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.03
10°C	50°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.97

Projected LED Lumen Maintenance

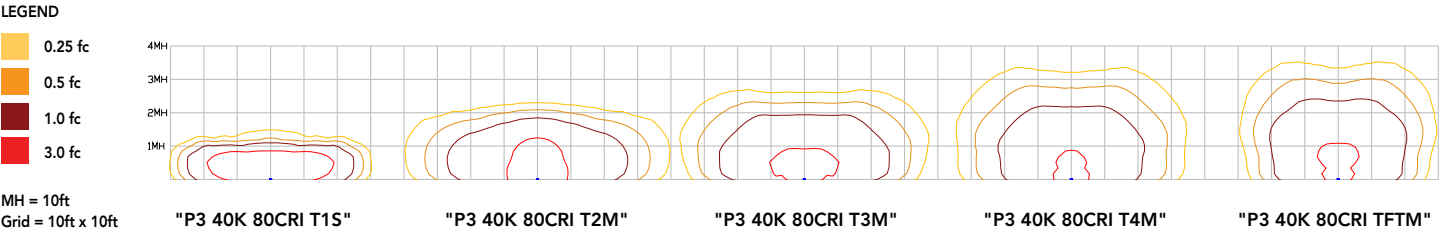
Data references the extrapolated performance projections for the platforms noted in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	>0.96	>0.93	>0.87

Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit the Lithonia Lighting WDGE LED homepage. Tested in accordance with IESNA LM-79 and LM-80 standards.



Emergency Egress Options

Emergency Battery Backup

The emergency battery backup is integral to the luminaire — no external housing required! This design provides reliable emergency operation while maintaining the aesthetics of the product. All emergency battery backup configurations include an independent secondary driver with an integral relay to immediately detect loss of normal power and automatically energize the luminaire. The emergency battery will power the luminaire for a minimum duration of 90 minutes (maximum duration of three hours) from the time normal power is lost and maintain a minimum of 60% of the light output at the end of 90minutes.

Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9

Motion/Ambient Sensor (PIR, PIRH)

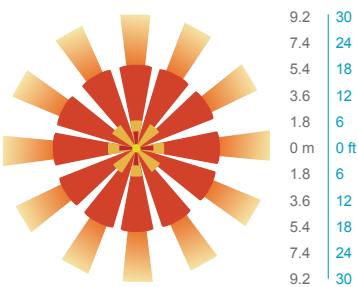
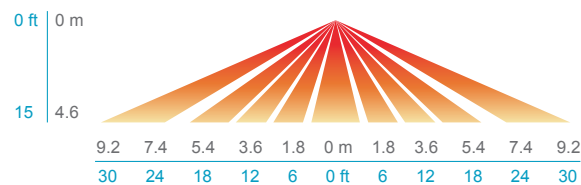
Motion/Ambient sensor (Sensor Switch MSOD) is integrated into the the luminaire. The sensor provides both Motion and Daylight based dimming of the luminaire. For motion detection, the sensor utilizes 100% Digital Passive Infrared (PIR) technology that is tuned for walking size motion while preventing false tripping from the environment. The integrated photocell enables additional energy savings during daytime periods when there is sufficient daylight. Optimize sensor coverage by either selecting PIR or PIRH option. PIR option comes with a sensor lens that is optimized to provide maximum coverage for mounting heights between 8-15ft, while PIRH is optimized for 15-40ft mounting height.

Networked Control (NLTAIR2)

nLight® AIR is a wireless lighting controls platform that allows for seamless integration of both indoor and outdoor luminaires. Five-tier security architecture, 900 MHz wireless communication and app (CLAIRITY™ Pro) based configurability combined together make nLight® AIR a secure, reliable and easy to use platform.

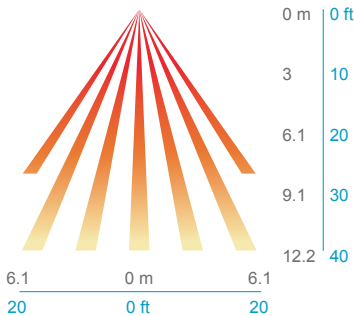
PIR

HIGH VIEW

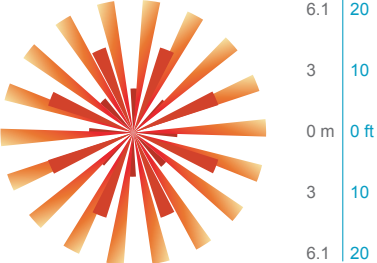


PIRH

SIDE VIEW



TOP VIEW



Option	Dim Level	High Level (when triggered)	Photocell Operation	Motion Time Delay	Ramp-down Time	Ramp-up Time
PIR or PIRH	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 5fc	5 min	5 min	Motion - 3 sec Photocell - 45 sec
PIR1FC3V, PIRH1FC3V	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 1fc	5 min	5 min	Motion - 3 sec Photocell - 45 sec
NLTAIR2 PIR, NLTAIR2 PIRH, NLTAIREM2 PIR, NLTAIREM2 PIRH (out of box)	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 5fc	7.5 min	5 min	Motion - 3 sec Photocell - 45 sec

UL 924 Response – nLight AIR Devices with EM Option

- NLTAIREM2 devices will remain at their high-end trim and ignore wireless lighting control commands, unless a normal-power-sensed (NPS) broadcast is received at least every 8 seconds.
- Using the CLAIRITY+ mobile app, NLTAIREM2 devices must be associated with a group that includes a normal power sensing device to receive NPS broadcasts.
- The non-emergency devices, NLTAIR2 PIR and NLTAIR2 PIRH, with version 3.4 or later firmware can be used for normal power sensing.



Motion/Ambient Sensor

D = 7"
H = 9" (Standalone controls)
11" (nLight AIR controls, 2" antenna will be pointing down behind the sensor)
W = 11.5"



PBBW – Surface-Mounted Back Box Use when there is no junction box available.

D = 1.75"
H = 9"
W = 11.5"



AWS – 3/8inch Architectural Wall Spacer

D = 0.38"
H = 4.4"
W = 7.5"

FEATURES & SPECIFICATIONS

INTENDED USE

Common architectural look, with clean rectilinear shape, of the WDGE LED was designed to blend with any type of construction, whether it be tilt-up, frame or brick. Applications include commercial offices, warehouses, hospitals, schools, malls, restaurants, and other commercial buildings.

CONSTRUCTION

The single-piece die-cast aluminum housing integrates secondary heat sinks to optimize thermal transfer from the internal light engine heat sinks and promote long life. The driver is mounted in direct contact with the casting for a low operating temperature and long life. The die-cast door frame is fully gasketed with a one-piece solid silicone gasket to keep out moisture and dust, providing an IP66 rating for the luminaire.

FINISH

Exterior painted parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Standard Super Durable colors include dark bronze, black, natural aluminum, sandstone and white. Available in textured and non-textured finishes.

OPTICS

Individually formed acrylic lenses are engineered for superior application efficiency which maximizes the light in the areas where it is most needed. The WDGE LED has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL

Light engine consists of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L91/100,000 hours at 25°C). The electronic driver has a power factor of >90%, THD <20%. Luminaire comes with built in 6kV surge protection, which meets a minimum Category C low exposure (per ANSI/IEEE C62.41.2). Fixture ships standard with 0-10v dimmable driver.

INSTALLATION

A universal mounting plate with integral mounting support arms allows the fixture to hinge down for easy access while making wiring connections. The 3/8" Architectural Wall Spacer (AWS) can be used to create a floating appearance or to accommodate small imperfections in the wall surface. The ICW option can be used to mount the luminaire inverted for indirect lighting in dry and damp locations. Design can withstand up to a 1.5 G vibration load rating per ANSI C136.31.

LISTINGS

CSA certified to U.S. and Canadian standards. Luminaire is IP66 rated. PIR options are rated for wet location. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified. International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 2700K and 3000K color temperature only and SRM mounting only.

GOVERNMENT PROCUREMENT

BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act. Please refer to www.acuitybrands.com/buy-american for additional information.

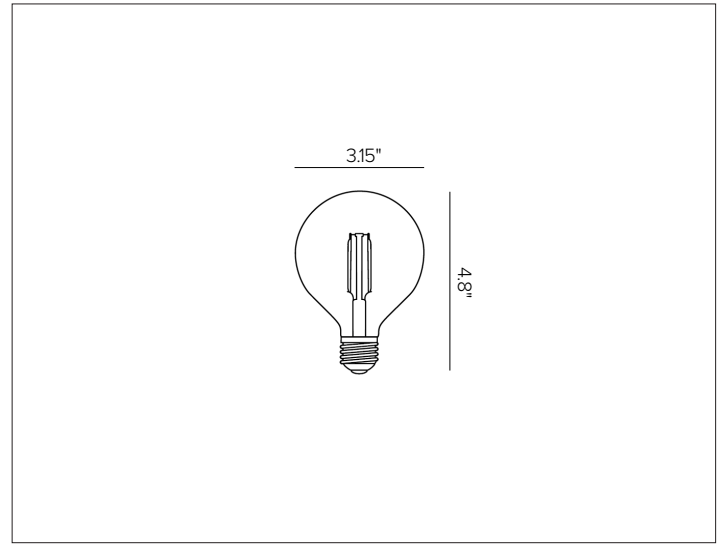
WARRANTY

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. 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.

DECOLED TECNO VINTAGE™

Retro Vintage G25 LED Filament Style Lamp



When
used with
[DuraLED
Cable Light](#)

CONCEPT

Retro vintage filament style LED lamp.

MECHANICAL CHARACTERISTICS

Materials	Clear glass
Weight	0.2 lbs
Protection	IP20 IP65 when used with DuraLED Cable Light

CERTIFICATIONS

Tested in accordance with LM-79-08.
cULus Listed E486283

WARRANTY

3 year limited warranty

ELECTRICAL CHARACTERISTICS

Base	E26
Lamp Type	G25
Wattage	4W
Voltage	120V AC
Dimming	Performs best with ELV / MLV / CL Leading Edge dimmers.
# On/Off Cycles	100,000
Start Time	<0.2s

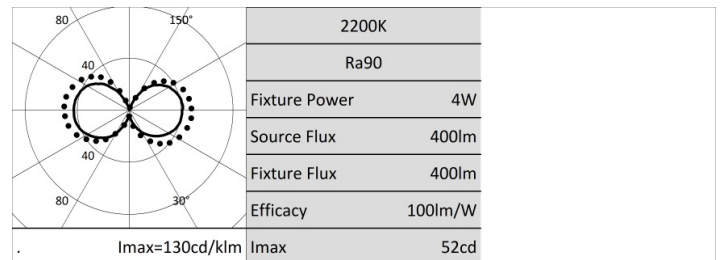
SOURCE

(4) LED filament vintage style.

TM30	CCT (Nominal)	Ra	SDCM
	2200K	>80	± 2

OPTIC

Beam	320°
Delivered Lumens	400lm
Efficacy	100lm/W
Lifetime	L70/B50 15,000hrs at max TA +25°C



DECOLED TECNO VINTAGE™

SPECIFICATION INFORMATION

DL						
1	2	3	4	5	6	7

Ex: DLVG25MD0422120D

1 - PRODUCT CODE	2 - STYLE	3 - BASE	4 - WATTAGE	5 - KELVIN	6 - VOLTAGE	7 - DIMMING	8 - OPTIONAL
DLV — DURALED™ VINTAGE	G25 — G25	MD — Medium E26	04 — 4.0W	22 — 2200K	120 — 120V	D — Dimmable	SP — Shatter Proof



Lead time for quick ship fixtures is 1-2 weeks from processed PO date. Consult factory for quantities of over 50pcs to confirm lead time.

DLVG25MD0422120D

SPECIFICATIONS

HL-360-3LED-SP

TYPE :S5

DESCRIPTION:

Compact MR16 adjustable accent fixture.
Suitable for wet/damp/dry location installations.

MATERIAL:

Standard overall material is 6061 aluminum.

HL-360 - Machined Aluminum (Standard)

HL-360-1 - Machined Stainless Steel

HL-360-2b - Machined Brass

FINISH:

AA - Anodized Satin Aluminum

AP - Powder Coat Aluminum

BK - Powder Coat Black

BZ - Powder Coat Bronze

WT - Powder Coat White

N - Natural, for Stainless Steel and Brass

HALOGEN LAMPING OPTION:

Lamp Type - 12V halogen MR16 lamp, bi-pin GX5.3 base,
50W max, not included (standard).

LED OPTIONS

Integral high output LED, warm white 85 CRI (90 available)
2700K or **3000K** Standard (**4000K**, **5000K**, & **6000K** available)

3LED - 3W LED - 180 lumens

8LED - 8W LED - 300 lumens

8LED-E - 8.4W LED - 565 lumens

OPTICS

3LED and 8LED:

SP - Spot, 12°

NF - Narrow Flood, 24°

FL - Flood, 36°

8LED-E:

SP - Spot 14°

NF - Narrow Flood, 25°

MF - Medium Flood, 30°

FL - Flood, 40°

VOLTAGE:

12 - 12 VAC output transformer required,
not included.

MOUNTING:

Fixture is designed with a 1/2-NPS adjustable
mounting stem.

OPTIONS:

Glare shields

GL-10 - Short Angled, aluminum

GL-11 - Angled, aluminum

GL-12 - Angled, brass

GL-13 - Straight, aluminum

GL-14 - Straight, brass

Lenses/Louvers/Color Filters

LA-1 - Hexcell Louver (Black)

LA-2 - Prismatic lens

LA-3 - Linear spread lens

LA-4 - Soft focus lens (diffused)

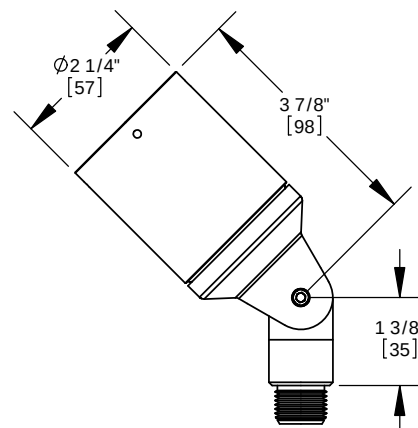
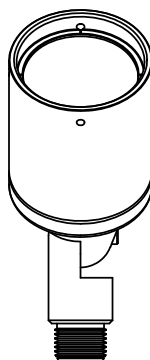
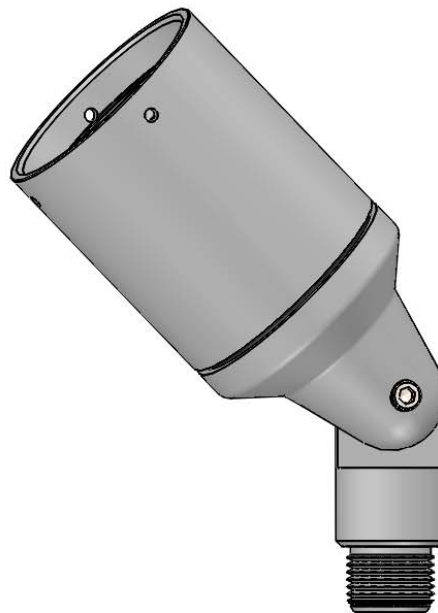
LA-5 - Moonlight lens

LA-6 - Blue lens

See fixture accessories for more information.

RATING:

Wet/damp/dry location.



MADE IN THE USA

ORDER SPECIFICATION: _____ - _____ - _____ - _____ - _____
Fixture Finish Lamping Voltage Options/Access.

PROJECT:

APPROVED:

NOTE:

TYPE:



HEVI LITE, INC.

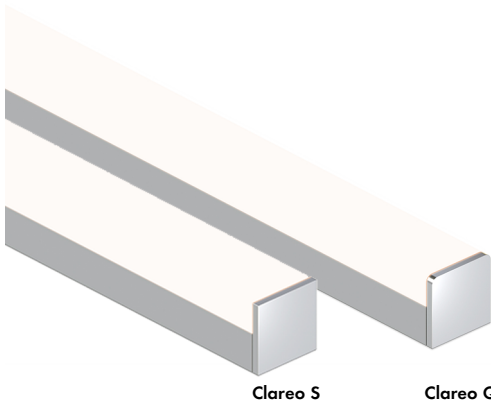
9714 Variel Ave, Chatsworth, CA 91311
Tel., (818) 341-8091 - Fax (818) 998-1986
Web Site <http://www.hevilite.com>

CATALOG NUMBER:

HL-360

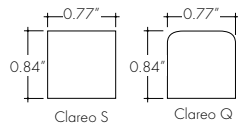
Clareo Surface - Static White

Linear Illumination System



Clareo S

Clareo Q



Clareo S

Clareo Q

Features

- 24VDC Class 2 fixtures made to order up to 144". Fixtures can be linked up to 48' depending on output
- Suitable for direct view, vanity, and accent lighting applications
- Approved for closet/storage space installation per NEC 410.16(A) (3) and 410.16(C)(5) on outputs 5.7 W/ft or less
- Class 2 listed for damp locations
- Dot free even illumination
- High Color Quality options offer premium quality and vibrant colors with R9 values up to 97
- High Efficacy options offer best in class output and efficacy with over 725 lm/ft and up to 91 lm/W
- Proprietary strong bond solder method handles up to 50 lbs of pull force on wire leads and connectors
- Average Life (L70): 50,000hrs
- 7 year warranty

Finish Options (see page 3 for additional information)

Base	☐ Silver Anodized
Powder Coat	☐ Black ☐ Bronze ☐ White
Premium	☐ Matte Black ☐ Warm Nickel ☐ Aged Brass ☐ Polished Gold ☐ Chrome



Technical Information

MODEL	High Color Quality		High Efficacy				High Efficacy	
OUTPUT OPTIONS	60X2HO	60X2VHO	HE48LO	HE48SO	HE48MO	HE48HO	HE64VHO	HE64XHO
Lumens Output (3000K) (with a Frosted Lens)	434 lm/ft	542 lm/ft	172 lm/ft	239 lm/ft	319 lm/ft	511 lm/ft	647 lm/ft	727 lm/ft
Average Power Consumption (for a 4' section)	7.3 W/ft	9.4 W/ft	1.9 W/ft	2.8 W/ft	3.5 W/ft	6.5 W/ft	7.5 W/ft	9.6 W/ft
Efficacy	59 lm/W	58 lm/W	91 lm/W	85 lm/W	91 lm/W	79 lm/W	86 lm/W	76 lm/W
Max Run Length (in series)	26 ft	21 ft	48 ft	42 ft	33 ft	21 ft	15 ft	13 ft
Ambient Operating Temperature Range *	-5°F - 115°F (-20°C - 45°C)	-5°F - 105°F (-20°C - 40°C)	-5°F - 125°F (-20°C - 50°C)				-5°F - 115°F (-20°C - 45°C)	-5°F - 95°F (-20°C - 35°C)

* Ambient Operating Temperature Range to maintain L70 of 50k+ hours in normal mounting conditions for the fixture. Exceeding Ambient Operating Temperature Range may result in decreased life/output. Consult Technical Support for specific inquiries.

High Color Quality (60X2)

CCT	Multiplier (reference - 3000K)	CRI	R _f	R _g	R ₉
2200K	0.70	96	95	101	89
2400K	0.72	98	97	101	91
2700K	0.74	97	96	101	91
3000K	1.00	97	95	104	97
3500K	1.02	97	94	105	97
4100K	1.07	97	90	99	97

High Efficacy (HE48/HE64)

CCT	Multiplier (reference - 3000K)	CRI	R _f	R _g	R ₉
2200K	0.73	92	91	97	42
2500K	0.81	93	96	96	62
2700K	0.94	92	90	99	58
3000K	1.00	92	89	99	57
3500K	1.02	92	89	99	60
4000K	1.02	92	86	94	71

Ordering Code

MODEL	LENGTH ¹	OUTPUT ²	CCT	LENS	MOUNTING	FINISH ³	FEED POSITION LEFT ⁴	FEED POSITION RIGHT ⁴
CLS-Clareo S CLQ-Clareo Q	12" - 144" 2" increments 48"	60X2HO - High 60X2VHO - Very High 30K-3000K 35K-3500K 41K-4100K HE48LO - Low HE48SO - Standard HE48MO - Medium HE48HO - High HE64VHO - Very High HE64XHO - Max 22K-2200K 24K-2400K 27K-2700K 30K-3000K 35K-3500K 40K-4000K		F-Frosted	FC-Fixed Clip SC-Screw-in MAG-Magnetic Mounting A-Adjustable Hinge Mounting TB9-9/16" T-Bar TB15-15/16" T-Bar	BASE SA-Silver Anodized POWDER COAT BK-Black BZ-Bronze WH-White PREMIUM MBK-Matte Black WN-Warm Nickel AB-Aged Brass PG-Polished Gold ⁵ CH-Chrome ⁵	WIRE LEADS (72") LWE-Wire End Feed LWB-Wire Back Feed LNPF-No Power Feed QUICK CONNECTS (4") LFE-Female Q/C, End Feed LFB-Female Q/C, Back Feed LNPF-No Power Feed	WIRE LEADS (72") RWE-Wire End Feed RWB-Wire Back Feed RNPF-No Power Feed QUICK CONNECTS (4") RFE-Female Q/C, End Feed RFB-Female Q/C, Back Feed RNPF-No Power Feed

1 - Custom lengths and increments are available, please consult Inside Sales with specific request.

2 - All High Efficacy options can be used to comply with Title 24 JAB. High Color Quality options can be used to comply with Title 24 JAB depending on Output, CCT, and lens selections. See multiplier charts to calculate specific efficacies.

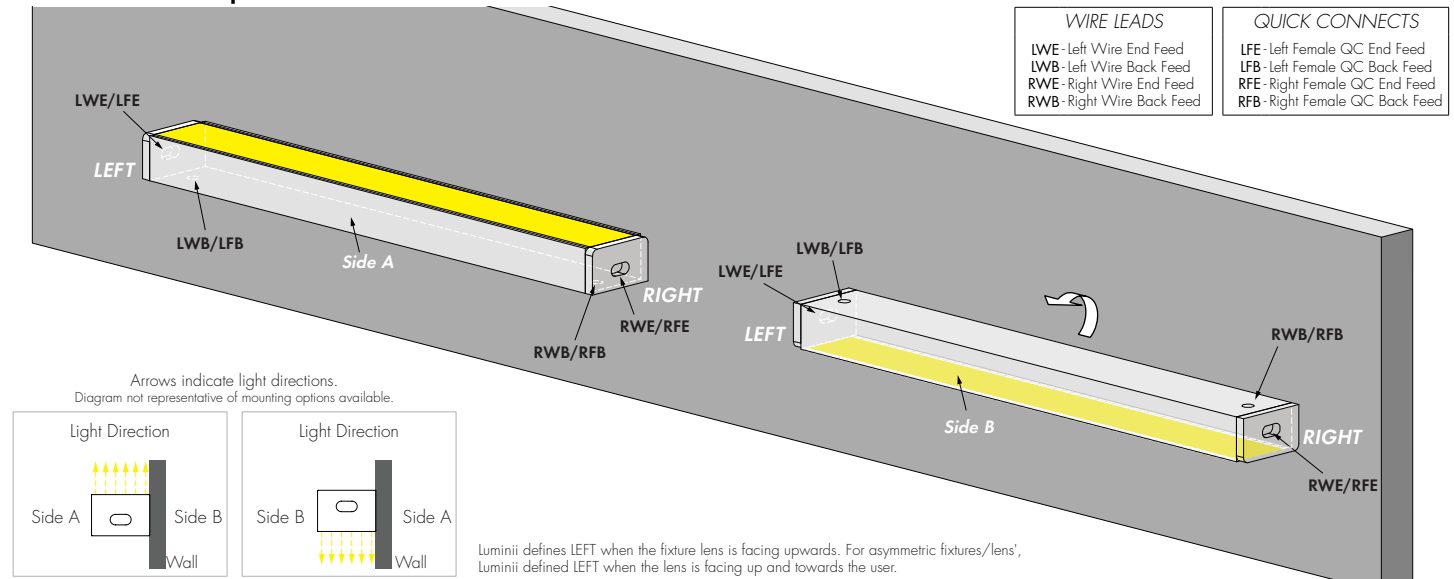
3 - Non Base finishes may have extended lead times. Custom RALs are available, please consult Inside Sales with specific request.

4 - LNPF - RNPF is not a valid configuration option

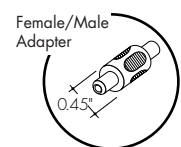
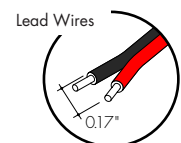
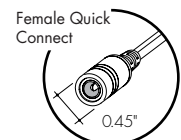
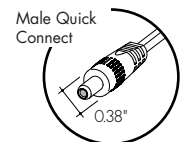
5 - Polished Gold finishes and Chrome finishes have a maximum fixture length of 96".

Powerfeeds and Connectors

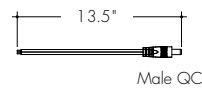
Power Feed Position Options and Orientation



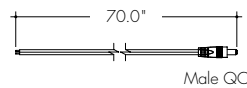
Linking and Extension Cable Options



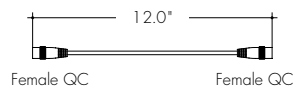
LMC-12
Male quick-connect, 2 pin, 12"



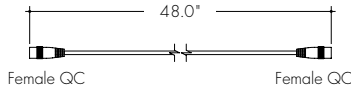
LMC-70
Male quick-connect long, 2 pin, 70"



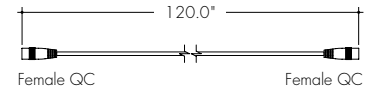
EC-12
Female to Female Extension Cable, 2 pin, 12"



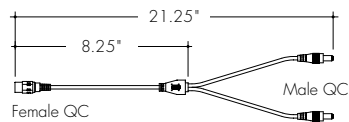
EC-48
Female to Female Extension Cable, 2 pin, 48"



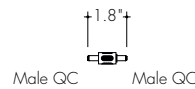
EC-120
Female to Female Extension Cable, 2 pin, 120"



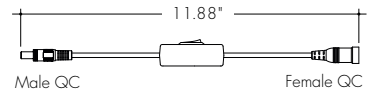
LYC
1 Female to 2 Male Splitter Cable, 2 pin, 12"



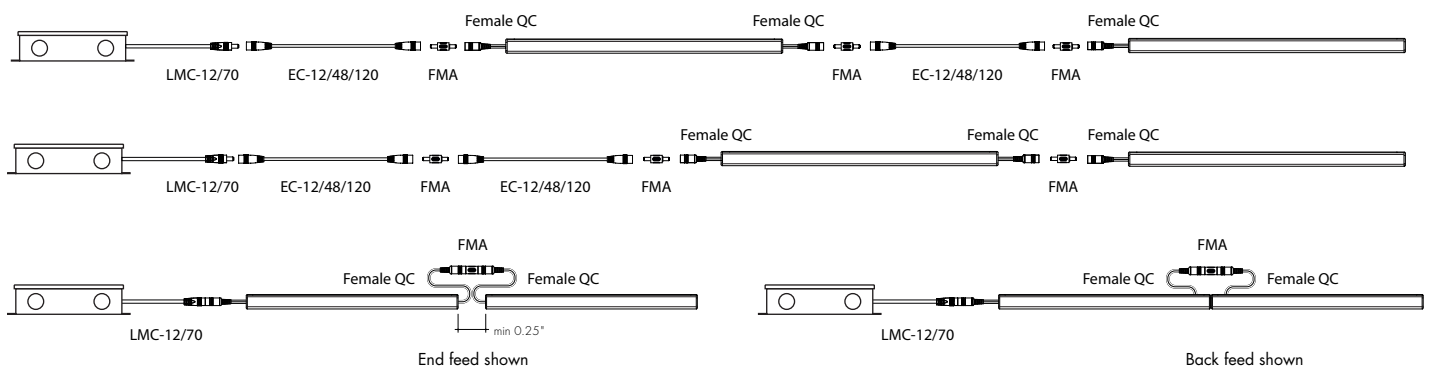
FMA
Female to male adapter



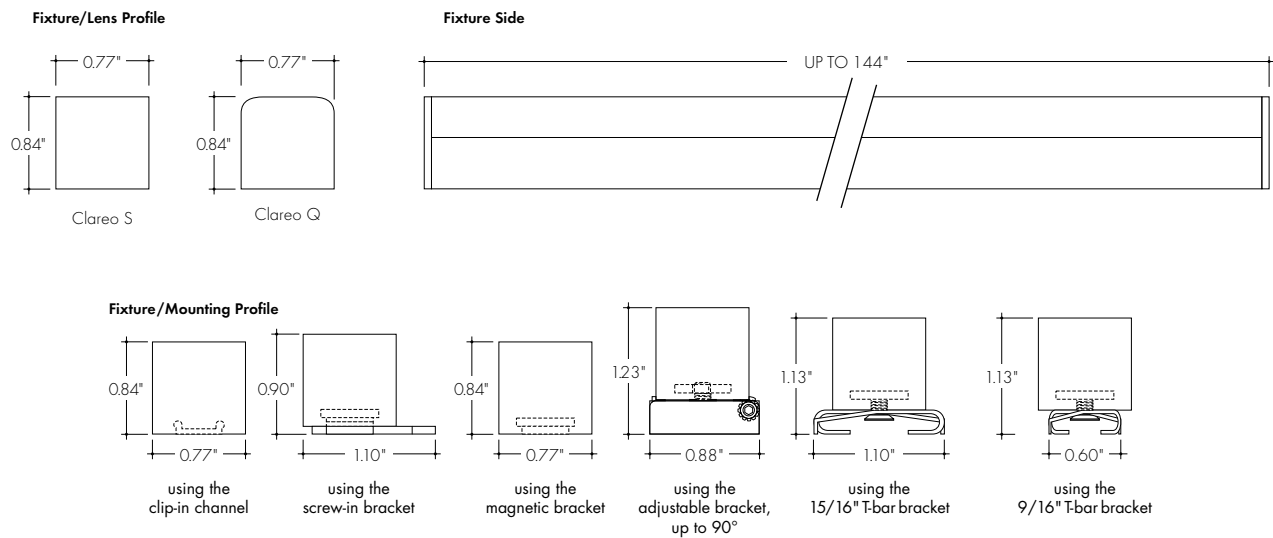
IS-DC
Male to Female Inline DC Switch, 2 pin, 12"



Sample Layout



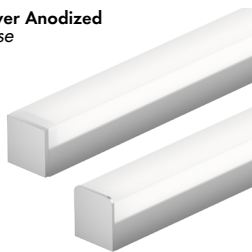
Product Dimensions



Finish Options

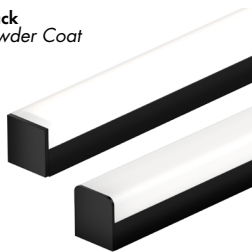
- Finish options are available in a wide variety, allowing for complete customization of style and aesthetic.
- Non Base finishes may have extended lead times and price adder.
- Polished Gold and Chrome finishes have a maximum fixture length of 96".
- Custom RALs are available, please consult Inside Sales with specific request.

Silver Anodized Base



Silver Anodized is a soft silver with a clear finish.

Black Powder Coat



Black is a true deep black with a glossy finish.

Bronze Powder Coat



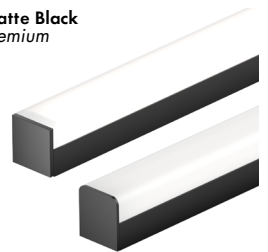
Bronze is a rich, dark brown with a satin finish.

White Powder Coat



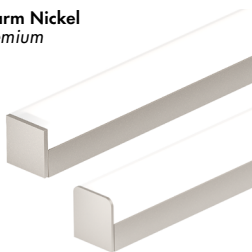
White is a polar bright white and field paintable.

Matte Black Premium



Matte Black is a dark, pitch-black with a soft flat finish.

Warm Nickel Premium



Warm Nickel is a soft, silvery smoke with warm tones and a satin finish.

Aged Brass Premium



Aged Brass is a deep brown shade with slightly golden undertones.

Polished Gold Premium



Polished Gold is bright and radiant for a brilliant finish.

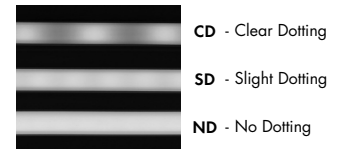
Chrome Premium



Chrome is a highly reflective silver polish.

Light Transmission and Dotting

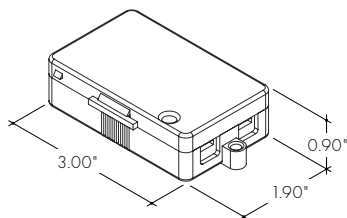
Output Options	Lens/Accessory							
	CLQ Frosted Lens				CLS Frosted Lens			
Dimming Level	100%	50%	10%	1%	100%	50%	10%	1%
60X2HO	ND	ND	ND	ND	ND	ND	ND	ND
60X2VHO	ND	ND	ND	ND	ND	ND	ND	ND
HE48LO	ND	ND	ND	ND	ND	ND	ND	ND
HE48SO	ND	ND	ND	ND	ND	ND	ND	ND
HE48MO	ND	ND	ND	ND	ND	ND	ND	ND
HE48HO	ND	ND	ND	ND	ND	ND	ND	ND
HE64VHO	ND	ND	ND	ND	ND	ND	ND	ND
HE64XHO	ND	ND	ND	ND	ND	ND	ND	ND
Transmission Percentage	100%				96%			



Accessory Options

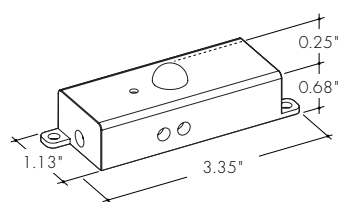
LVSP-4T-BK

Low Voltage, 4 Terminal Splice Box, Black



OS-DC-F4-BK

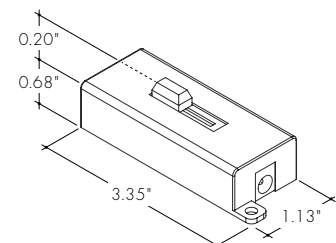
Occupancy Sensor



Male Quick Connect, FMA, LMC, LYC, or IS-DC are required for input and output.

DIM-DC-F4-BK

24VDC Low Voltage In-line Dimmer Module

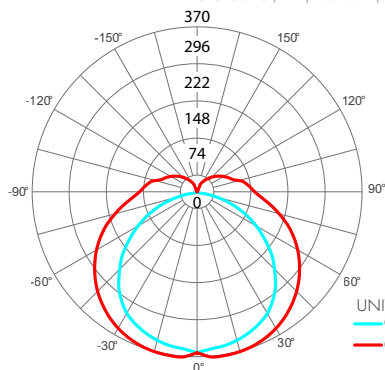


Male Quick Connect, FMA, LMC, LYC, or IS-DC are required for input and output.

Photometry

CLQ-48-60X2VHO-30K-F

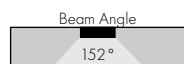
Clareo Q, 4ft, 3000K, VHO, Frosted Lens



Zonal lumen Summary 3000K

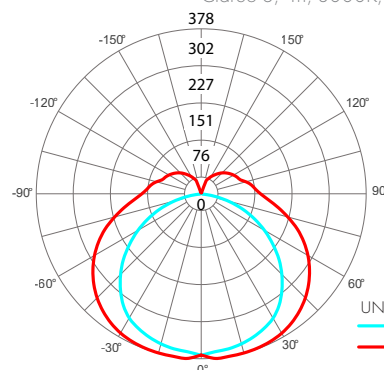
Zone	Lumen	% Fixture
0-30	414	19.1%
0-40	696	32.1%
0-60	1295	59.7%
0-90	1856	85.5%
0-180	2170	100%

Total



CLS-48-60X2VHO-30K-F

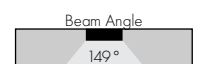
Clareo S, 4ft, 3000K, VHO, Frosted Lens



Zonal lumen Summary 3000K

Zone	Lumen	% Fixture
0-30	386	18.5%
0-40	651	31.3%
0-60	1222	58.8%
0-90	1752	84.3%
0-180	2079	100%

Total



Power Consumption

Tested at Full Power with PS-UNI Series power supplies.

*For Back Feed add 4/16" (1/4") to Actual Length. Standard Nominal Lengths offered provide minimal shadowing. For alternate lengths, please consult Inside Sales with specific request.

High Color Quality (60X2)

Nominal Length (in)	End Feed Actual Length*	Watts		Nominal Length (in)	End Feed Actual Length*	Watts		Nominal Length (in)	End Feed Actual Length*	Watts		Nominal Length (in)	End Feed Actual Length*	Watts	
		HO	VHO			HO	VHO			HO	VHO			HO	VHO
12	11 14/16	8.3	10.4	47	—	—	—	82	—	—	—	117	—	—	—
13	—	—	—	48	47	28.2	36.0	83	82 3/16	46.3	58.1	118	117 5/16	62.1	73.0
14	13 4/16	8.9	11.3	49	48 7/16	29.3	37.4	84	83 9/16	46.7	58.6	119	118 12/16	62.5	73.4
15	14 11/16	9.5	12.1	50	49 13/16	29.9	38.1	85	85	47.2	59.2	120	—	—	—
16	—	—	—	51	—	—	—	86	—	—	—	121	120 2/16	63.5	74.2
17	16 1/16	10.1	12.9	52	51 4/16	31.0	39.5	87	86 6/16	48.1	60.4	122	121 9/16	63.8	74.3
18	17 8/16	11.3	14.5	53	52 10/16	31.5	40.2	88	87 13/16	48.5	61.0	123	122 15/16	64.2	74.4
19	18 14/16	11.9	15.3	54	—	—	—	89	—	—	—	124	—	—	—
20	—	—	—	55	54 1/16	32.1	40.9	90	89 3/16	49.4	62.2	125	124 6/16	64.9	74.6
21	20 5/16	13.1	16.9	56	55 7/16	33.1	42.3	91	90 10/16	49.9	62.8	126	125 12/16	65.2	74.7
22	21 11/16	13.7	17.7	57	56 14/16	33.7	43.0	92	—	—	—	127	—	—	—
23	—	—	—	58	—	—	—	93	92	50.3	63.4	128	127 3/16	65.9	74.9
24	23 2/16	14.3	18.5	59	58 4/16	34.8	44.4	94	93 7/16	51.2	64.6	129	128 9/16	66.3	75.0
25	24 8/16	15.5	20.2	60	59 11/16	35.3	45.1	95	94 13/16	51.7	65.2	130	130	66.6	75.1
26	25 15/16	16.1	20.9	61	—	—	—	96	—	—	—	131	—	—	—
27	—	—	—	62	61 1/16	35.9	45.8	97	96 4/16	52.6	66.4	132	131 6/16	67.3	75.3
28	27 5/16	17.3	22.4	63	62 8/16	36.9	47.0	98	97 10/16	53.0	66.7	133	132 13/16	67.6	75.4
29	28 12/16	17.9	23.2	64	63 14/16	37.4	47.6	99	—	—	—	134	—	—	—
30	—	—	—	65	—	—	—	100	99 1/16	53.5	66.9	135	134 3/16	68.2	75.8
31	30 2/16	19.1	24.7	66	65 5/16	38.4	48.7	101	100 7/16	54.4	67.4	136	135 10/16	68.5	76.0
32	31 9/16	19.7	25.4	67	66 11/16	38.9	49.3	102	101 14/16	54.8	67.6	137	—	—	—
33	32 15/16	20.3	26.2	68	—	—	—	103	—	—	—	138	137	68.8	76.2
34	—	—	—	69	68 2/16	39.4	49.9	104	103 4/16	55.7	68.1	139	138 7/16	69.3	76.7
35	34 6/16	21.6	27.7	70	69 8/16	40.4	51.1	105	104 11/16	56.1	68.4	140	139 13/16	69.6	76.9
36	35 12/16	22.2	28.4	71	70 15/16	40.9	51.7	106	—	—	—	141	—	—	—
37	—	—	—	72	—	—	—	107	106 1/16	56.5	68.6	142	141 4/16	70.2	77.4
38	37 3/16	23.3	29.9	73	72 5/16	41.9	52.9	108	107 8/16	57.4	69.1	143	142 10/16	70.5	77.6
39	38 9/16	23.9	30.5	74	73 12/16	42.4	53.5	109	108 14/16	57.9	69.3	144	—	—	—
40	40	24.4	31.2	75	—	—	—	110	—	—	—				
41	—	—	—	76	75 2/16	43.2	54.5	111	110 5/16	58.8	70.1				
42	41 6/16	25.5	32.6	77	76 9/16	43.7	55.0	112	111 11/16	59.3	70.5				
43	42 13/16	26.0	33.3	78	77 15/16	44.1	55.5	113	—	—	—				
44	—	—	—	79	—	—	—	114	113 2/16	59.7	70.9				
45	44 3/16	27.1	34.7	80	79 6/16	45.0	56.6	115	114 8/16	60.7	71.8				
46	45 10/16	27.7	35.3	81	80 12/16	45.4	57.1	116	115 15/16	61.1	72.2				

Power Consumption

Tested at Full Power with PS-UNI Series power supplies.

*For Back Feed add 4/16" (1/4") to Actual Length. Standard Nominal Lengths offered provide minimal shadowing. For alternate lengths, please consult Inside Sales with specific request.

High Efficacy (HE48)

Nominal Length (in)	End Feed Actual Length*	Watts				Nominal Length (in)	End Feed Actual Length*	Watts				Nominal Length (in)	End Feed Actual Length*	Watts				Nominal Length (in)	End Feed Actual Length*	Watts			
		LO	SO	MO	HO			LO	SO	MO	HO			LO	SO	MO	HO			LO	SO	MO	HO
12	10 7/16	1.7	2.5	3.5	5.7	47	—	—	—	—	—	82	81 5/16	12.5	19.9	23.9	42.2	117	116 12/16	17.5	27.7	34.3	58.7
13	12 7/16	1.7	2.5	3.5	5.7	48	47 14/16	7.1	11.2	13.9	25.4	83	—	—	—	—	—	118	—	—	—	—	—
14	—	—	—	—	—	49	—	—	—	—	—	84	83 5/16	12.8	20.3	24.5	43.1	119	118 12/16	17.8	28.1	34.9	59.6
15	14 6/16	2.0	3.0	4.0	7.2	50	49 13/16	7.4	11.7	14.5	26.3	85	—	—	—	—	—	120	—	—	—	—	—
16	—	—	—	—	—	51	—	—	—	—	—	86	85 4/16	13.1	20.8	25.1	44.1	121	120 11/16	18.1	28.6	35.5	60.5
17	16 6/16	2.4	3.5	4.6	8.7	52	51 13/16	7.7	12.3	15.1	27.4	87	—	—	—	—	—	122	—	—	—	—	—
18	—	—	—	—	—	53	—	—	—	—	—	88	87 4/16	13.4	21.3	25.7	45.0	123	122 11/16	18.3	29.0	36.0	62.1
19	18 5/16	2.7	3.9	5.2	10.2	54	53 12/16	8.0	12.9	15.7	28.5	89	—	—	—	—	—	124	—	—	—	—	—
20	—	—	—	—	—	55	—	—	—	—	—	90	89 3/16	13.7	21.7	26.3	46.0	125	124 10/16	18.4	29.5	36.6	63.8
21	20 5/16	3.0	4.4	5.8	11.7	56	55 12/16	8.4	13.5	16.4	29.5	91	—	—	—	—	—	126	—	—	—	—	—
22	—	—	—	—	—	57	—	—	—	—	—	92	91 3/16	14.0	22.1	26.9	47.0	127	126 10/16	18.6	29.9	37.2	65.4
23	22 4/16	3.4	4.9	6.4	13.2	58	57 11/16	8.7	14.0	17.0	30.6	93	—	—	—	—	—	128	—	—	—	—	—
24	—	—	—	—	—	59	—	—	—	—	—	94	93 2/16	14.3	22.6	27.5	47.9	129	128 9/16	18.8	30.4	37.7	67.0
25	24 4/16	3.7	5.4	7.0	14.7	60	59 11/16	9.0	14.6	17.6	31.6	95	—	—	—	—	—	130	—	—	—	—	—
26	—	—	—	—	—	61	—	—	—	—	—	96	95 2/16	14.4	22.8	27.8	48.4	131	130 9/16	18.9	30.8	38.3	68.6
27	26 3/16	4.1	5.9	7.5	15.8	62	61 10/16	9.4	15.2	18.2	32.6	97	—	—	—	—	—	132	—	—	—	—	—
28	—	—	—	—	—	63	—	—	—	—	—	98	97 1/16	14.7	23.3	28.5	49.4	133	132 8/16	19.1	31.2	38.9	70.2
29	28 3/16	4.4	6.4	8.1	16.8	64	63 10/16	9.7	15.6	18.7	33.7	99	—	—	—	—	—	134	—	—	—	—	—
30	—	—	—	—	—	65	—	—	—	—	—	100	99 1/16	15.0	23.7	29.0	50.4	135	134 8/16	19.3	31.8	39.4	70.7
31	30 2/16	4.8	6.9	8.7	17.9	66	65 9/16	10.0	16.1	19.2	34.7	101	—	—	—	—	—	136	—	—	—	—	—
32	—	—	—	—	—	67	—	—	—	—	—	102	101	15.3	24.1	29.6	51.3	137	136 7/16	19.5	32.3	40.0	71.2
33	32 2/16	5.0	7.2	9.0	18.5	68	67 9/16	10.4	16.5	19.8	35.7	103	103	15.6	24.6	30.2	52.3	138	—	—	—	—	—
34	—	—	—	—	—	69	—	—	—	—	—	104	—	—	—	—	—	139	138 7/16	19.8	32.8	40.6	71.8
35	34 1/16	5.4	7.7	9.6	19.5	70	69 8/16	10.7	17.0	20.3	36.7	105	104 15/16	15.8	25.0	30.7	53.2	140	—	—	—	—	—
36	—	—	—	—	—	71	—	—	—	—	—	106	—	—	—	—	—	141	140 6/16	20.0	33.3	41.1	72.3
37	36 1/16	5.7	8.2	10.2	20.6	72	71 8/16	11.0	17.4	20.8	37.7	107	106 15/16	16.1	25.5	31.3	54.2	142	—	—	—	—	—
38	—	—	—	—	—	73	—	—	—	—	—	108	—	—	—	—	—	143	142 6/16	20.2	33.9	41.7	72.8
39	38	6.0	8.7	10.8	21.5	74	73 7/16	11.3	17.9	21.4	38.7	109	108 14/16	16.4	25.9	31.9	55.2	144	—	—	—	—	—
40	40	6.2	9.2	11.4	22.3	75	—	—	—	—	—	110	—	—	—	—	—						
41	—	—	—	—	—	76	75 7/16	11.6	18.4	22.0	39.6	111	110 14/16	16.7	26.4	32.5	56.1						
42	41 15/16	6.4	9.7	12.0	23.1	77	—	—	—	—	—	112	—	—	—	—	—						
43	—	—	—	—	—	78	77 6/16	11.9	18.9	22.7	40.5	113	112 13/16	17.0	26.8	33.1	57.0						
44	43 15/16	6.7	10.2	12.6	23.9	79	—	—	—	—	—	114	—	—	—	—	—						
45	—	—	—	—	—	80	79 6/16	12.2	19.4	23.3	41.4	115	114 13/16	17.3	27.3	33.7	57.9						
46	45 14/16	6.9	10.7	13.3	24.7	81	—	—	—	—	—	116	—	—	—	—	—						

Power Consumption

Tested at Full Power with PS-UNI Series power supplies.

*For Back Feed add 4/16" (1/4") to Actual Length. Standard Nominal Lengths offered provide minimal shadowing. For alternate lengths, please consult Inside Sales with specific request.

High Efficacy (HE64)

Nominal Length (in)	End Feed Actual Length*	Watts		Nominal Length (in)	End Feed Actual Length*	Watts		Nominal Length (in)	End Feed Actual Length*	Watts		Nominal Length (in)	End Feed Actual Length*	Watts	
		VHO	XHO			VHO	XHO			VHO	XHO			VHO	XHO
12	11 4/16	7.6	9.7	47	46 1/16	28.2	35.9	82	—	—	—	117	—	—	—
13	12 12/16	7.6	9.7	48	47 9/16	29.5	37.6	83	82 6/16	51.7	63.4	118	117 4/16	72.8	80.7
14	—	—	—	49	—	—	—	84	83 15/16	52.3	63.8	119	118 12/16	73.3	81.0
15	14 4/16	8.9	11.3	50	49 1/16	30.1	38.4	85	—	—	—	120	—	—	—
16	15 12/16	9.5	12.1	51	50 10/16	31.4	40.2	86	85 7/16	53.6	64.7	121	120 4/16	74.4	81.7
17	—	—	—	52	—	—	—	87	86 15/16	54.2	65.3	122	121 12/16	74.8	82.0
18	17 5/16	10.7	13.6	53	52 2/16	32.0	41.1	88	—	—	—	123	—	—	—
19	18 13/16	11.4	14.4	54	53 10/16	33.3	42.9	89	88 7/16	55.5	66.3	124	123 4/16	75.6	82.5
20	—	—	—	55	—	—	—	90	89 15/16	56.2	66.8	125	124 13/16	76.0	82.8
21	20 5/16	12.6	16.0	56	55 2/16	34.0	43.8	91	—	—	—	126	—	—	—
22	21 13/16	13.2	16.8	57	56 10/16	35.2	45.5	92	91 8/16	57.5	67.9	127	126 5/16	76.8	83.4
23	—	—	—	58	—	—	—	93	93	58.2	68.4	128	127 13/16	77.2	83.6
24	23 5/16	14.5	18.3	59	58 3/16	36.5	47.3	94	—	—	—	129	—	—	—
25	24 14/16	15.1	19.1	60	59 11/16	37.2	48.2	95	94 8/16	59.5	69.5	130	129 5/16	78.0	84.2
26	—	—	—	61	—	—	—	96	—	—	—	131	130 14/16	78.4	84.5
27	26 6/16	16.4	20.7	62	61 3/16	38.4	50.0	97	96	60.1	70.0	132	—	—	—
28	27 14/16	17.0	21.4	63	62 11/16	39.1	50.8	98	97 9/16	61.4	71.1	133	132 6/16	79.2	85.0
29	—	—	—	64	—	—	—	99	—	—	—	134	133 14/16	79.6	85.4
30	29 6/16	18.2	23.0	65	64 4/16	40.4	52.5	100	99 1/16	62.0	71.7	135	—	—	—
31	30 15/16	18.9	23.8	66	65 12/16	41.0	53.4	101	100 9/16	63.2	72.9	136	135 6/16	80.3	86.2
32	—	—	—	67	—	—	—	102	—	—	—	137	136 14/16	80.6	86.6
33	32 7/16	20.1	25.3	68	67 4/16	42.3	55.1	103	102 1/16	63.8	73.5	138	—	—	—
34	33 15/16	20.7	26.1	69	68 12/16	42.9	55.9	104	103 9/16	65.0	74.7	139	138 7/16	81.3	87.5
35	—	—	—	70	—	—	—	105	—	—	—	140	139 15/16	81.7	87.9
36	35 7/16	22.0	27.6	71	70 4/16	44.2	57.6	106	105 2/16	65.6	75.3	141	—	—	—
37	36 15/16	22.6	28.4	72	71 13/16	44.9	58.5	107	106 10/16	66.8	76.5	142	141 7/16	82.4	88.7
38	—	—	—	73	—	—	—	108	—	—	—	143	142 15/16	82.7	89.1
39	38 8/16	23.9	30.1	74	73 5/16	46.1	59.7	109	108 2/16	67.4	77.1	144	—	—	—
40	40	24.5	30.9	75	74 13/16	46.7	60.1	110	109 10/16	68.5	78.0				
41	—	—	—	76	—	—	—	111	—	—	—				
42	41 8/16	25.7	32.6	77	76 5/16	48.0	60.9	112	111 3/16	69.6	78.7				
43	—	—	—	78	77 14/16	48.6	61.3	113	112 11/16	70.1	79.0				
44	43	26.4	33.4	79	—	—	—	114	—	—	—				
45	44 9/16	27.6	35.1	80	79 6/16	49.8	62.2	115	114 3/16	71.2	79.7				
46	—	—	—	81	80 14/16	50.4	62.6	116	115 11/16	71.7	80.0				

Voltage Drop Calculator

The below chart assumes nominal voltage of 24 Volts and a Voltage Drop Allowance of 3% through the wire

Wattage [W]	Maximum Wire Length From Power Supply to Start of Run [ft]						
	12 AWG	14 AWG	16 AWG	18 AWG	20 AWG	22 AWG	24 AWG
5	1088.2	684.4	430.3	270.6	170.2	107.1	67.3
10	544.1	342.2	215.1	135.3	85.1	53.5	33.7
15	362.7	228.1	143.4	90.2	56.7	35.7	22.4
20	272.0	171.1	107.6	67.7	42.6	26.8	16.8
25	217.6	136.9	86.1	54.1	34.0	21.4	13.5
30	181.4	114.1	71.7	45.1	28.4	17.8	11.2
35	155.5	97.8	61.5	38.7	24.3	15.3	9.6
40	136.0	85.5	53.8	33.8	21.3	13.4	8.4
45	120.9	76.0	47.8	30.1	18.9	11.9	7.5
50	108.8	68.4	43.0	27.1	17.0	10.7	6.7
55	98.9	62.2	39.1	24.6	15.5	9.7	6.1
60	90.7	57.0	35.9	22.6	14.2	8.9	5.6
65	83.7	52.6	33.1	20.8	13.1	8.2	5.2
70	77.7	48.9	30.7	19.3	12.2	7.6	4.8
75	72.5	45.6	28.7	18.0	11.3	7.1	4.5
80	68.0	42.8	26.9	16.9	10.6	6.7	4.2
85	64.0	40.3	25.3	15.9	10.0	6.3	4.0
90	60.5	38.0	23.9	15.0	9.5	5.9	3.7
96	56.7	35.6	22.4	14.1	8.9	5.6	3.5

T-Grid Compatibility

Brand	Type	Part Number	Description
USG*	9/16	208257	DX/DXL-24 SUSPENSION FLAT WHITE
	15/16	215673	DONN AX SUSPENSION
	15/16	272638	DXCE FLAT WHITE
	15/16	207901	M7 OVERLAPPING
ARMSTRONG	9/16	BPGZ068	SURPRAFINE XL HRC
	15/16	BPGZ051	PRELUDE XL HRC EXPOSED TEE SYSTEM
	15/16	BPGZ044	PRELUDE ML EXPOSED TEE SYSTEM
	15/16	BPGZ046	PRELUDE XL FIRE EXPOSED TEE SYSTEM

* Statement of Compatibility from USG:

Luminii's fixtures at 0.25lbs/ft can be fully supported by the USG grids listed in the table above and do not require any additional structural support or modifications to the grid system as long as the overall ceiling weight including specified fixtures and/or any other components supported by the grid does not cross the allowed ceiling weight per state building structural codes.

Power Supplies

See Power Supply instructions and spec sheet for wiring information. For a complete list of compatible dimmers, see Compatible Dimming Chart on the Resources page.

Ordering Code Universal Dimming Power Supplies 1% 120VAC - 277VAC

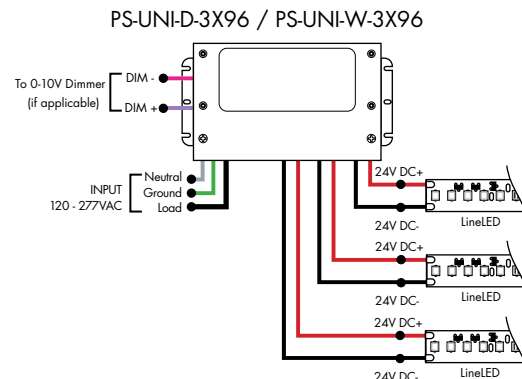
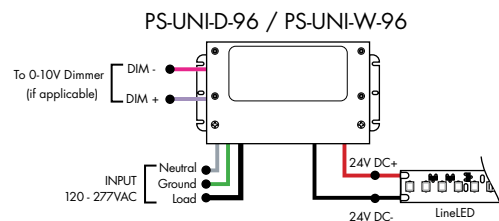
MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT
PS-Power Supply, 120-277VAC	UNI-0-10V Dimming, Phase Dimming	D-Dry W-Wet	30-30 Watts 60-60 Watts 96-96 Watts 3x96-3x96 Watts	24-24 VDC

Compatibility: View a complete list of compatible dimmers on product page ([Link](#))

0-10V - 1% dimming
MLV/ELV/TRIAC - 1% dimming, consult dimming compatibility chart

MODELS	PS-UNI-W-30W	PS-UNI-W-60W	PS-UNI-W-96W	PS-UNI-W-3X96W
Length	6.50"	7.40"	8.66"	11.85"
Width	3.73"	3.73"	3.73"	4.32"
Depth	1.61"	1.61"	1.61"	1.81"

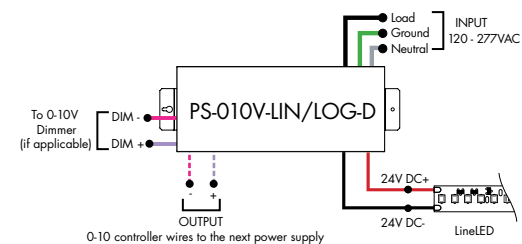
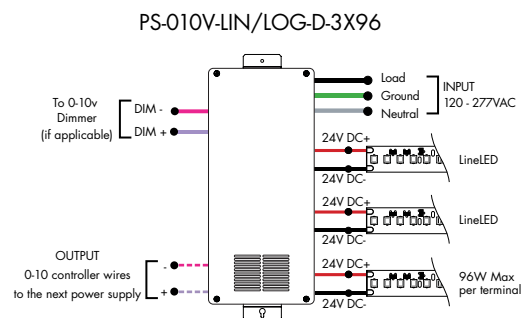
MODELS	PS-UNI-D-30W	PS-UNI-D-60W	PS-UNI-D-96W	PS-UNI-D-3X96W
Length	8.77"	8.77"	8.11"	9.94"
Width	4.27"	4.27"	5.60"	7.61"
Depth	1.83"	1.83"	1.83"	2.02"



Ordering Code 0-10V Dimming Power Supplies 0.1% 120VAC - 277VAC

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT
PS-Power Supply, 120-277VAC	010V-LIN-0-10V Dimming (0.1%), Linear 010V-LOG-0-10V Dimming (0.1%), Logarithmic	D-Dry	96-96 Watts 3X96-3x96 Watts	24-24 VDC

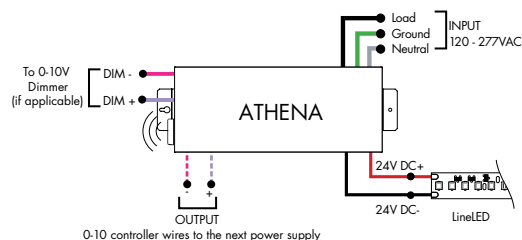
MODELS	96W	3X96
Length	14.40"	15.00"
Width	5.20"	6.62"
Depth	2.60"	4.45"



Athena 0-10V LED Driver

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT	FEATURE
PS-Power Supply, 120-277VAC	010V-LIN-0-10V Dimming, Linear 010V-LOG-0-10V Dimming, Logarithmic	D-Dry	96-96 W	24-24 VDC	AWNR-Athena

MODELS	96W
Length	14.40"
Width	5.20"
Depth	2.60"



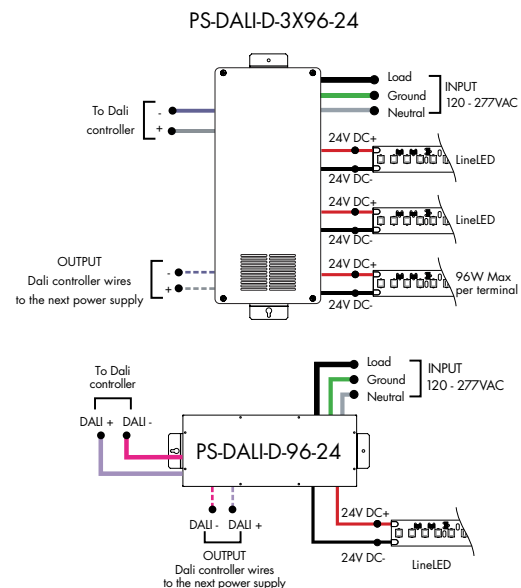
Power Supplies

See Power Supply instructions and spec sheet for wiring information. For a complete list of compatible dimmers, see Compatible Dimming Chart on the Resources page.

Ordering Code DALI1 Dimming Power Supplies 0.1% 120VAC - 277VAC

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT
PS-Power Supply, 120-277VAC	DALI-DALI (0.1%)	D-Dry	96-96 Watts 3X96-3X96 Watts	24-24 VDC

Model	96W	3X96
Length	14.40"	15.00"
Width	5.20"	6.62"
Depth	2.60"	4.56"

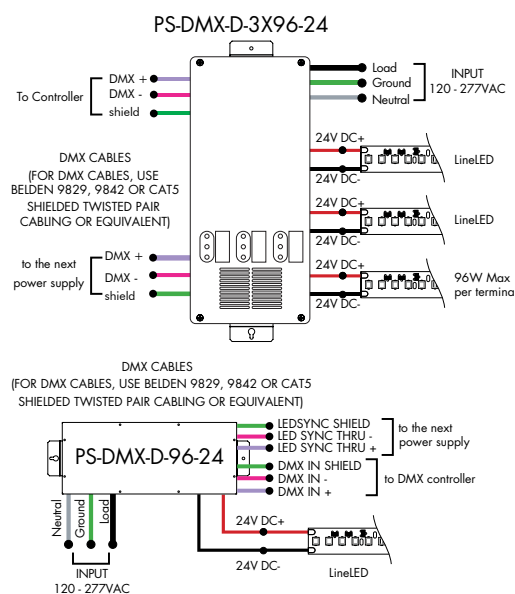


Ordering Code DMX Dimming Power Supplies 0.1% 120VAC - 277VAC Requires Zonal Control

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT
PS-Power Supply, 120-277VAC	DMX-DMX (0.1%)	D-Dry	96-96 Watts 3X96-3X96 Watts	24-24 VDC

*Zonal control power supplies. Control multiple tapes/zones using DMX channels.

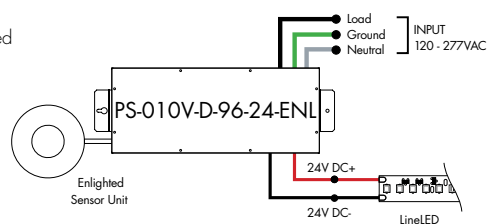
MODELS	96W	3X96
Length	14.40"	15.00"
Width	5.20"	6.62"
Depth	2.60"	4.56"



Ordering Code Enlighted Enabled Dimming Power Supplies 1% 120VAC - 277VAC

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT	FEATURE
PS-Power Supply, 120-277VAC	010V-0-10V Dimming (1%)	D-Dry	96-96 Watts	24-24 VDC	ENL-0-10V Enlightened

Model	96W
Length	14.40"
Width	5.20"
Depth	2.60"



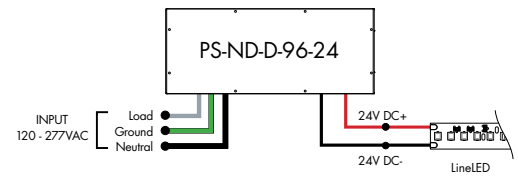
Power Supplies

See Power Supply instructions and spec sheet for wiring information. For a complete list of compatible dimmers, see Compatible Dimming Chart on the Resources page.

Ordering Code Non-Dimming Power Supply 120VAC - 277VAC

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT
PS	ND	D	96-96 Watts	24-24 VDC
PS-Power Supply, 120-277VAC	ND-Non Dimming	D-Dry	96-96 Watts	24-24 VDC

MODELS	96W
Length	14.40"
Width	5.20"
Depth	2.60"

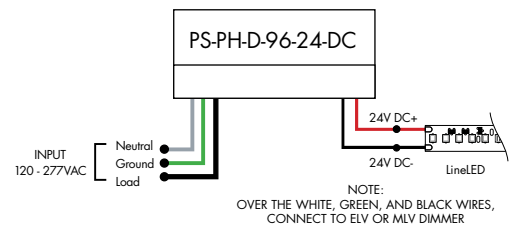


Ordering Code Phase Dimming Power Supply 1% 120VAC - 277VAC

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT	OUTPUT CONTROL
PS	PH	D	96-96 Watts	24-24 VDC	DC
PS-Power Supply, 120-277VAC	PH-Phase Dimming (Triac, ELV, MLV)	D-Dry	96-96 Watts	24-24 VDC	DC-Direct Current

MLV/ELV/TRIAC - 1% dimming, consult dimming compatibility chart ([link](#))

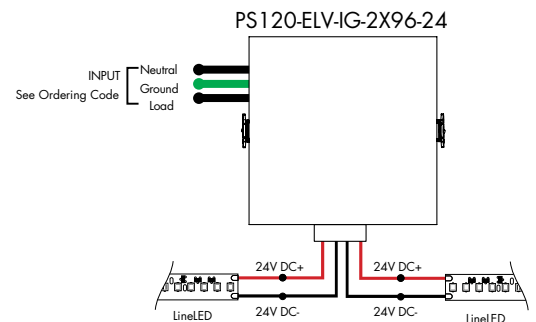
MODELS	96W
Length	8.25"
Width	4.10"
Depth	1.56"



Ordering Code In-Ground Power Supplies

MODEL	INPUT CONTROL	ENVIRONMENT	WATTAGE	OUTPUT
PS120	ELV	IG	2X96-2X96 Watts	24-24 VDC
PS120-Power Supply, 120VAC PS240-Power Supply, 240VAC PS277-Power Supply, 277VAC	ELV-ELV Dimming (1%)	IG-In Ground	2X96-2X96 Watts	24-24 VDC

MODELS	2X96W
Length	8.40"
Width	8.30"
Depth	8.10"



Power Supplies

See Power Supply instructions and spec sheet for wiring information. For a complete list of compatible dimmers, see Compatible Dimming Chart on the Resources page.



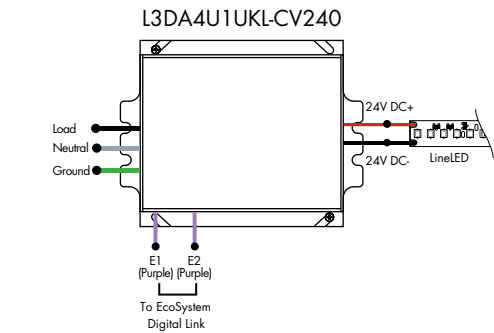
Luminii is a Lutron OEM Advantage Partner
Lutron Power Supplies 1%

MODEL

L3DA4U1UKL-CV240

HiLume™ 1% EcoSystem Voltage LED driver
40W max

MODELS	L3DA4U1UKL-CV240
Length	4.98"
Width	4.00"
Depth	2.62"



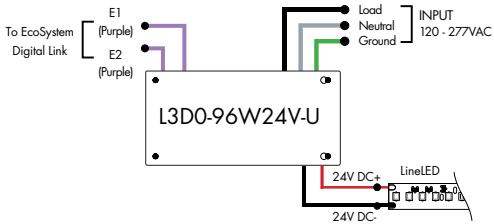
Luminii is a Lutron OEM Advantage Partner
Lutron Power Supplies 0.1%

MODEL

L3D0-96W24V-U

HiLume™ 0.1% EcoSystem Voltage LED Driver with Soft-On, Fade-to-Black™
96W max

MODELS	L3D0
Length	10.50"
Width	5.50"
Depth	2.00"



PROJECT NAME:

QUANTITY:

TYPE:

ORDERING CODE:



- ① Driver housing with gasketed service door.
- ② Fixture secured with three locking tabs.
- ③ Fully sealed cast aluminum light assembly.
- ④ Sealed cast aluminum lens frame.
- ⑤ Clear tempered glass lens.
- ⑥ Faceted specular aluminum reflector.
- ⑦ Light module with $\pm 30^\circ$ tilting mechanism allowing forward and back light adjustability. Standard fully adjustable 360° rotation. Regressed light module available as an option.
- ⑧ Trim secured by two wire springs inserted in slots in the mounting flange.
- ⑨ Cast aluminum trim available in multiple colors.



OC750



OC750-RG

MATERIALS

Oculus is made of corrosion resistant 356 aluminum alloy with a copper (CU) content of less than 0.1%. The main housing is made of seamless extruded aluminum, with an integrally sealed LED light module designed for optimal heat dissipation, and lighting performance. Oculus is standard with a unique proprietary design allowing the sealed LED module to tilt within the housing.

ELECTRICAL DRIVER

120V/277V driver is 0-10V dimming-ready (min. dim to 10%) with 120-277 multi-volt compatibility (50-60Hz), operating temperature range of $-40^\circ\text{C}/-40^\circ\text{F}$ to $55^\circ\text{C}/131^\circ\text{F}$, output over voltage protection, output over current protection and output short circuit protection with auto-recovery.
347V/480V driver is 0-10V dimming ready (min. dim to 10%) with operating temperature range of $-40^\circ\text{C}/-40^\circ\text{F}$ to $55^\circ\text{C}/131^\circ\text{F}$, over current and output short circuit protection.

LED LIGHT ENGINE

Offered in 2700K, 3000K, 3500K & 4000K / 80CRI.
70% LED lumen maintenance at 60,000 hours (L70/B50) based on IESNA LM-80-08 LED extrapolated life, calculated per IESNA TM-21-21.
Optional Amber LED for turtle sensitive areas.
Wavelengths: 585nm to 597nm.

FINISH

Five-stage preparation process including preheating of cast aluminum parts for air extraction, and an environmentally friendly alloy sealant. Polyester powder coating is applied through an electrostatic process and oven cured for long term finish.

CERTIFICATION

UL Certified to Canadian and U.S. safety standards. Certified for use in wet locations. Rated IP66 from below and above. Photometric testing performed by an independent laboratory in accordance with IES LM-79-08 standards at 25°C . Actual performance may differ as a result of end-user environment and application.

WARRANTY

5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: <https://www.acuitybrands.com/support/warranty/terms-and-conditions>

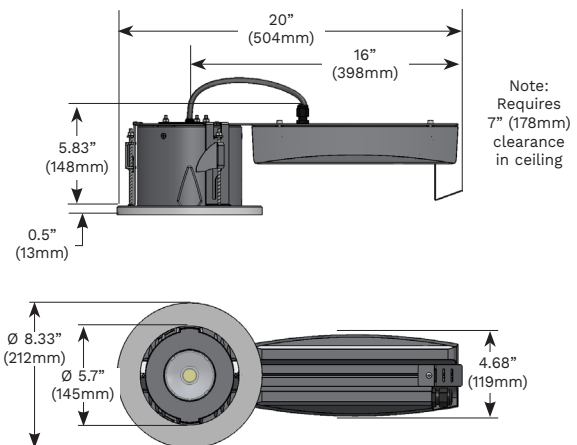
MOUNTING

Remodeling type fixture designed to fit in a $\varnothing 7.5"$ (191mm) opening on a ceiling 0.5" (13mm) to 1.5" (38mm) thick. Three locking tabs secure frame in the ceiling and trim snaps in place. Locking tabs can be retracted to remove the frame for maintenance. Requires 7" (178mm) clearance in ceiling.

NOTE: Fixture is non-IC rated.

MEASUREMENTS

Maximum weight: 12.2 lbs (5.5 kg)



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260 Labrosse, Pointe-Claire (QC) Canada H9R 5L5

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OC750
Rev. 11/18/24

ORDERING CODE

*SERIES	*LIGHT OUTPUT	*DISTRIBUTION	*CCT ⁵	*VOLTAGE
OC750 	<u>Static White</u> L1L15 1436 lm / 14w L1L20 1964 lm / 20w L1L35 3364 lm / 36w <u>True Amber</u> L1LK2A 263 lm / 11w ¹ Delivered lumens calculated at 4000K/80CRI except for amber. FLD optic distribution. Typical power consumption. Refer to LCF table for outputs at other CCTs.	NR Narrow optic 15° FLD Flood optic 30° VWD Very wide optic 52°	27K 2700K 30K 3000K 35K 3500K 40K 4000K AMB Wavelengths: 585nm to 597nm	120 120V 277 277V 347 347V 480 480V MVOLT 120V-277V HVOLT 347V-480V ⁶
	<u>Very Narrow Distribution</u> L1L15NR 1401 lm / 24w ^{2,3} Delivered lumens calculated at 4000K/80CRI. VNR optic distribution. Typical power consumption. Refer to LCF table for outputs at other CCTs.	VNR Very narrow optic 9° ⁴		

CONTROLS	LENS/DIFFUSER	MOUNTING	FUSE	EMERGENCY
DMX DMX/RDM dim to dark 0% ^{7,8} RD10 Remote driver 0-10V dimming ¹¹ RDDMX Remote driver with DMX ⁸	LSL Linear spread lens SL Solite lens ⁹	CPB Concrete pour box ¹⁰	FS Fuse	REM7 Remote emergency battery, 90 min, 7W ^{8,11}

LOUVERS	REGRESSED	TRIM GLASS	*FINISH	ENVIRONMENT
HL Hexcell louver ¹²	RG Regressed light module ¹³	GL Trim glass for water ingress protection ¹⁴	BKT Jet black BZT Bronze CHT Champagne DGT Gun metal GRT Titanium gray MST Matte silver SGT Steel gray WHT Snow white CMC Custom matched color ¹⁵ RAL RAL color ¹⁶	MG Marine grade paint ¹⁷ NT Natatorium suitable ¹⁸

NOTES

*- Denotes a required field

1- Available only with AMB.

2- Available only with VNR distribution option.

3- Not available with 27K or 35K.

4- Field angle 18°.

5- For IDA certification compliance, luminaire must be ordered with 3000K or warmer.

6- Not available with FS.

7- Default dimming curve: Logarithmic. Factory set to address one unless otherwise specified. Refer to DMX Reference Guide for more information (available on website).

8- Not available with 347V, 480V or HVOLT.

9- Lumen conversion factor (LCF) 0.9.

10- Not available with RG or DMX.

11- Remote mount 50ft. 12" (305mm) square enclosure with access cover. Remote enclosure must be interior. Cable between fixture and remote box is provided by others.

12- Not available with GL.

13- Light module color is BKT. Trim color must still be selected, not limited to BKT. Cylindrical housing extended by 1" (25.4mm) for increased cut-off.

14- L1L35 light output with GL option offers 3130 delivered lumens.

15- Contact factory to coordinate custom matching color.

16- Specify RAL number.

17- Marine grade paint for harsh, coastal environment and exposure to salt water. Additional delay required.

18- Available only in WHT and BKT finish.

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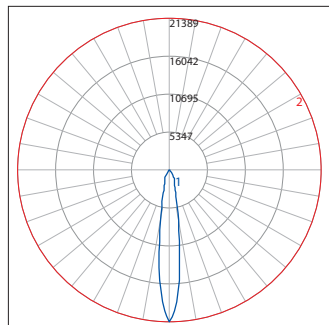
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OC750
Rev. 11/18/24

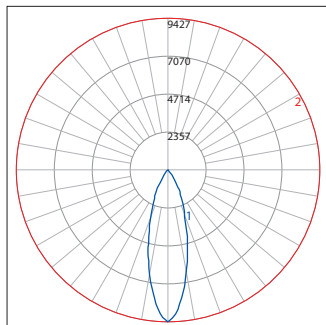
TYPICAL PHOTOMETRY SUMMARY

OC750-L1L35-NR



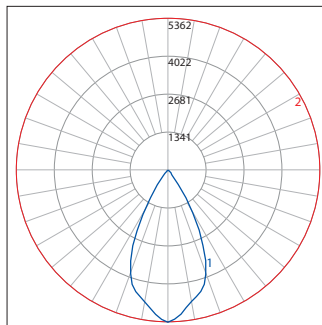
Total Lms: 3358 Lumens
Total Input Watts: 36 W
Efficacy: 93 Lumens/Watt
BUG: B3-U0-G0
CCT/CRI: 4000K/80
Maximum Candela: 21389 @ 0°

OC750-L1L35-FLD



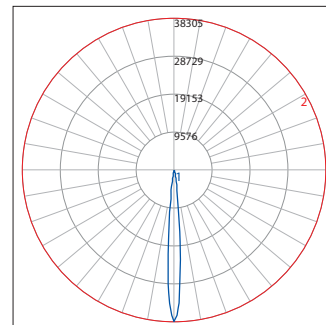
Total Lms: 3364 Lumens
Total Input Watts: 36 W
Efficacy: 93 Lumens/Watt
BUG: B3-U0-G0
CCT/CRI: 4000K/80
Maximum Candela: 9427 @ 0°

OC750-L1L35-VWD



Total Lms: 3583 Lumens
Total Input Watts: 36 W
Efficacy: 99 Lumens/Watt
BUG: B3-U0-G0
CCT/CRI: 4000K/80
Maximum Candela: 5362 @ 0°

OC750-L1L15NR-VNR



Total Lms: 1401 Lumens
Total Input Watts: 24 W
Efficacy: 60 Lumens/Watt
BUG: B2-U0-G0
CCT/CRI: 4000K/80
Maximum Candela: 38305 @ 0°

LUMEN CONVERSION FACTOR (LCF)

CCT	CRI	LCF
2700K	80	0.91
3000K	80	0.94
3500K	80	0.98
4000K	80	1.00

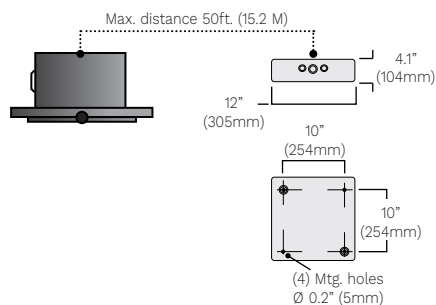
All Photometry shown use the 80CRI 4000K LEDs.
Please visit our web site www.luminis.com for complete I.E.S. file.

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260 Labrosse, Pointe-Claire (QC) Canada H9R 5L5

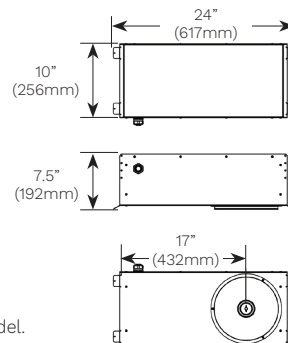
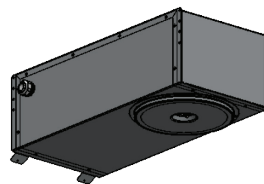
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OPTION DETAILS



RD10

Remote mount 50ft - 12" (305mm) square enclosure with access cover. The remote enclosure must be interior. Cable between fixture and remote box is provided by others.
Note: Fixtures requires 8" (203mm) ceiling clearance.



CPB

Concrete pour box for standard model.

FUNEN

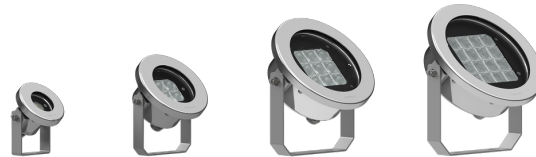


TYPE: S10

FUN-50001-W-8030-A51818



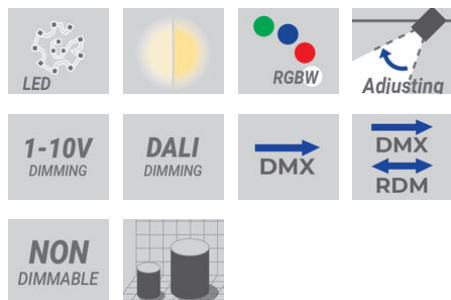
High-performing adjustable underwater spotlight range. The complete professional underwater system offering RGBW options and extensive source and optic combinations.



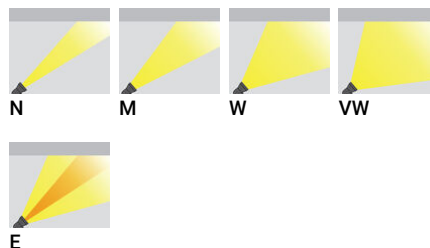
Luminaire Structure

- Stainless steel body in grade 316
- Single cable entry
- Stainless steel fasteners in grade 316
- Durable silicone rubber gasket
- Clear toughened glass
- Remote driver is included for constant current (CC) products and is not IP-rated
- Remote driver is not included for constant voltage (CV) products
- Remote box IP-rated is not included and is to be ordered separately for constant current (CC) products
- Luminaire must be submerged when operational
- Maximum depth 2 m
- Outdoor cable needs to be ordered with a specific length
- Maximum distance of the Remote DMX/RDM decoder is 8 m

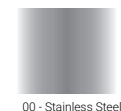
Feature



Optic



Product colour



FUNEN

Technical information

	Model number	Light source	Power	Lumen	Optic	CCT / CRI	Dimming type	Weight	
Without remote box IP-rated - With remote driver - Constant current (CC) 1400 mA									
FUNEN 4	FUN-50031	16 LED	39 W	3172 - 4416 lm	N [10°], M [16°], W [32°], VW [71°], E [11°x43°]	3000K CRI80, 4000K CRI80	On/Off, 1-10V	2.4 kg	
Without remote box IP-rated - With remote driver - Constant current (CC) 2100 mA									
FUNEN 3	FUN-50021	9 LED	23 W	1923 - 2437 lm	N [11°], M [17°], W [32°], VW [71°], E [14°x43°]	3000K CRI80, 4000K CRI80	On/Off, 1-10V	1.4 kg	
Without remote box IP-rated - With remote driver - Constant current (CC) 350 mA									
FUNEN 1	FUN-50001	1 LED	6 W	250 - 408 lm	N [13°], M [18°], W [28°], VW [63°], E [13°x42°]	3000K CRI80, 4000K CRI80	On/Off, 1-10V	0.4 kg	
Without remote box IP-rated - With remote driver - Constant current (CC) 800 mA									
FUNEN 2	FUN-50011	4 LED	11 W	798 - 1068 lm	N [11°], M [17°], W [33°], VW [71°], E [11°x41°]	3000K CRI80, 4000K CRI80	On/Off, 1-10V	0.9 kg	
Without remote driver - Constant voltage (CV) 24 V									
FUNEN 1	FUN-50003	1 LED	4 W	211 - 358 lm	N [13°], M [18°], W [32°], VW [63°], E [13°x42°]	3000K CRI80, 4000K CRI80	On/Off	0.4 kg	
FUNEN 2	FUN-50013	4 LED	8 W	762 - 984 lm	N [11°], M [17°], W [30°], VW [71°], E [11°x41°]	3000K CRI80, 4000K CRI80	On/Off	0.9 kg	
FUNEN 3	FUN-50023	9 LED	21 W	1907 - 2319 lm	N [11°], M [17°], W [32°], VW [71°], E [14°x43°]	3000K CRI80, 4000K CRI80	On/Off	1.4 kg	
FUNEN 4	FUN-50033	16 LED	32 W	3276 - 4038 lm	N [10°], M [16°], W [32°], VW [71°], E [11°x43°]	3000K CRI80, 4000K CRI80	On/Off	2.4 kg	
Without remote driver - Constant voltage (CV) 24 V - RGBW									
FUNEN 2	FUN-50012	4 LED	10 W	395 - 520 lm	N [13°], M [19°], W [32°], VW [71°], E [13°x42°]	RGBW30, RGBW40	DMX, DMX/RDM	0.9 kg	
FUNEN 3	FUN-50022	8 LED	15 W	853 - 1133 lm	N [11°], M [17°], W [32°], VW [71°], E [14°x43°]	RGBW30, RGBW40	DMX, DMX/RDM	1.4 kg	
FUNEN 4	FUN-50032	16 LED	20 W	1444 - 1929 lm	N [8°], M [17°], W [26°], VW [65°], E [43°x11°]	RGBW30, RGBW40	DMX, DMX/RDM	2.4 kg	
Without remote driver - With remote DMX/RDM decoder - Constant voltage (CV) 24 V - RGBW									
FUNEN 1	FUN-50002	1 LED	4 W	170 lm	M [34°]	RGBW30, RGBW40	DMX, DMX/RDM	0.4 kg	

Accessories

We reserve the right to make technical and design changes.

01:14, 31-03-2025

<https://www.ligman.com/funen-underwater-projectors-floodlight-s-fun-un3/>

THAILAND
LIGMAN Lighting Co.,Ltd.
17/2 Moo 4, Monthong, Bang Nam Priao,
24150 Chachoengsao - Thailand
info@ligman.com

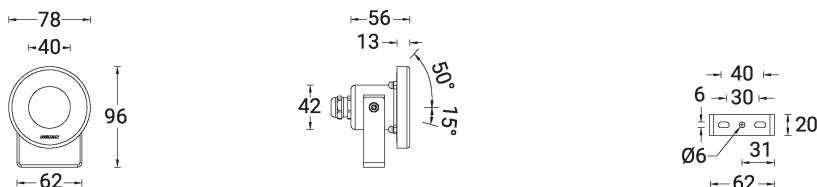
FUNEN

	 Driver (CV) - On/Off - 36 W - IP67 - 24 V A34491-ND	 Driver (CV) - On/Off - 60 W - IP67 - 24 V A34591-ND	 Driver (CV) - On/Off - 100 W - IP67 - 24 V A34791-ND	 Driver (CV) - On/Off - 150 W - IP67 - 24 V A34891-ND	 Driver (CV) - On/Off - 200 W - IP67 - 24 V A34991-ND	 Driver (CV) - On/Off - 350 W - IP67 - 24 V A35091-ND	 Honeycomb louvre A52221
FUN-50001							•
FUN-50002	•	•	•	•	•	•	•
FUN-50003	•	•	•	•	•	•	•
FUN-50011							
FUN-50012	•	•	•	•	•	•	
FUN-50013	•	•	•	•	•	•	
FUN-50021							
FUN-50022	•	•	•	•	•	•	
FUN-50023	•	•	•	•	•	•	
FUN-50031							
FUN-50032	•	•	•	•	•	•	
FUN-50033	•	•	•	•	•	•	

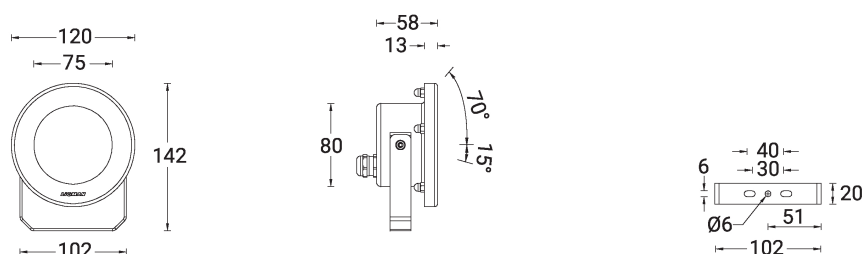
	 Honeycomb louvre A52321	 Honeycomb louvre A52421	 Honeycomb louvre A52521	 Remote box IP65 A61851	 Remote box IP65 A80191	 Remote box IP65 A80291	 DALI Control System Control-DALI
FUN-50001					•		•
FUN-50002							
FUN-50003							
FUN-50011	•				•		
FUN-50012	•						
FUN-50013	•						
FUN-50021		•				•	•
FUN-50022		•					
FUN-50023		•					
FUN-50031			•	•			•
FUN-50032			•				
FUN-50033			•				

	 DMX Control System Control-DMX	 DMX/RDM Control System Control-DMX- RDM
FUN-50001		
FUN-50002	•	•
FUN-50003		
FUN-50011		
FUN-50012	•	•
FUN-50013		
FUN-50021		
FUN-50022	•	•
FUN-50023		
FUN-50031		
FUN-50032	•	•
FUN-50033		

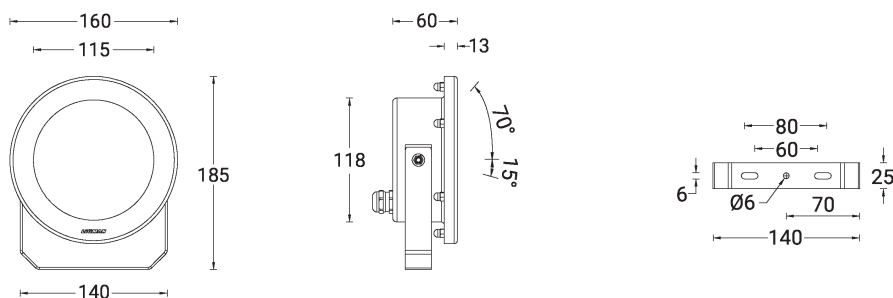
FUN-50001, FUN-50002, FUN-50003



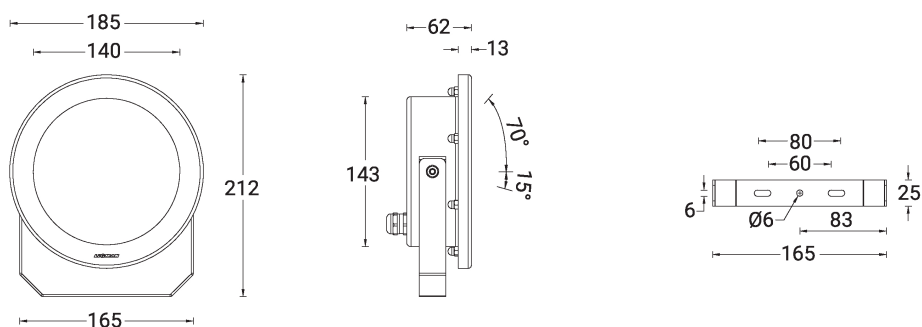
FUN-50011, FUN-50012, FUN-50013



FUN-50021, FUN-50022, FUN-50023



FUN-50031, FUN-50032, FUN-50033



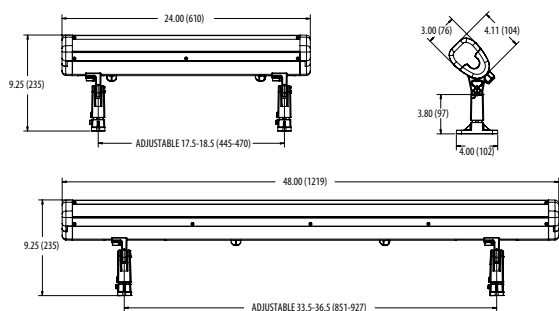


Specifications

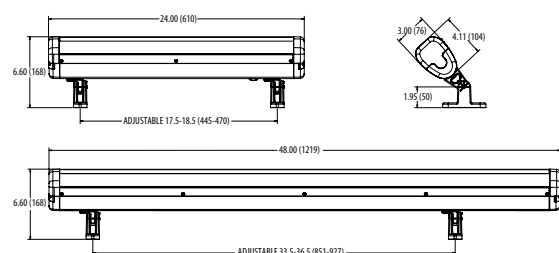
Weight:	4' 17.5lbs
	2' 12.5lbs

DIMENSIONS

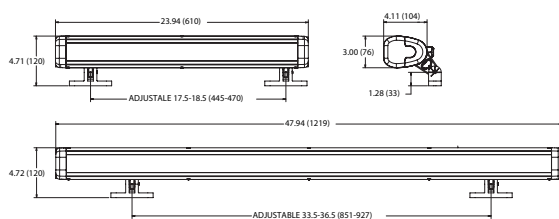
KM MOUNTING



KMS MOUNTING



KMSR MOUNTING (Rotated Knuckle Mount Foot)



4750L STATIC WHITE Linear

HIGHLIGHTS

- The 4750L delivers industry leading durability, performance and lumen output
- Superior water resistance IP67 with Hydrel "Flow-Thru" technology, water flows around the independently sealed integral driver module and sealed LED module
- Aiming integrity with a fully adjustable and rugged knuckle design using Taper-Lock technology, 7 knuckle mount options available to meet various height and aiming requirements
- Long life in the most demanding environments with low copper content housing materials, stainless steel fasteners, and durable powder coat finish options for Coastal Regions and Natatoriums
- 3G vibration rated per ANCI C136.31
- Integral J- Box option available

5
YEAR
warranty

LED
4+
CAPABLE

IP67

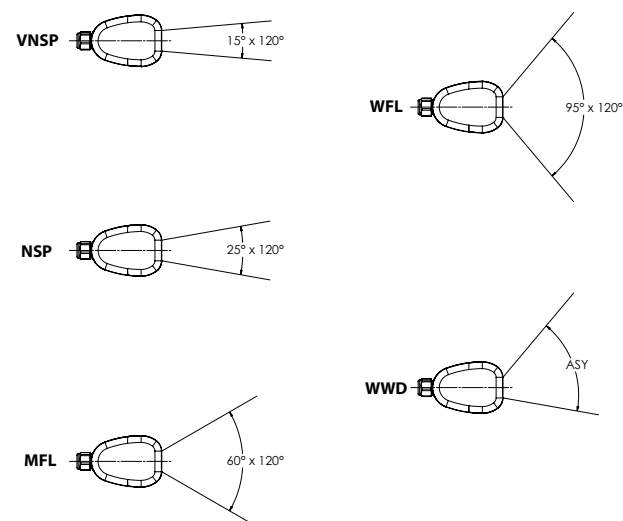
BAA
BABA

LUMEN PACKAGES

	VNSP	NSP	MFL	WFL	WWD
Delivered Lumens	6491	6646	7200	7286	6592
Watts	64	64	64	64	64
LPW	102	104	113	114	103
Peak Candela	7650	5961	4242	2683	3998

Note: Information based on 4000K @ 2000LMF on 4FT fixture

STANDARD DISTRIBUTION



ORDERING INFORMATION

EXAMPLE: 4750L 4FT 500LMF 30K MVOLT VNSP KM EA6 ZT CSL10 BL

Model*	Max Fixture Length*	LED Output	LED Color Temperature*	Voltage*	Distribution*	Mounting*
4750L LED Linear Flood	2FT 2' (nominal length)	500LMF 500 nominal lumens per foot	27K 2700K	MVOLT 120-277 volt 347 347 volt 4ft only	VNSP 15 x 120 degrees	KM Knuckle Mount 45°
	4FT 4' (nominal length) Note: 2FT exclude AMBLW Note: 2FT exclude INJB	1000LMF 1000 nominal lumens per foot	30K 3000K		NSP 25 x 120 degrees	KMS Knuckle Mount Short 45°
		2000LMF 2000 nominal lumens per foot	35K 3500K		MFL 60 x 120 degrees	KM90 Knuckle Mount 90°
		800LMF 800 nominal lumens per foot Note: 800LMF for AMBLW only	40K 4000K 50K 5000K AMBLW Amber wavelength 590nm Note: INJB not available with AMBLW		WFL 95 x 120 degrees WWD Wall Wash (Asymmetric)	KMS90 Knuckle Mount short 90° KMR90 Rotated Knuckle Mount 90° KMSR Rotated Knuckle Mount Short KMSR90 Rotated Knuckle Mount Short 90° Note: KMS, KMS90, KMR90, KMSR and KMSR90 are not available with mounting accessories
Mounting Accessories	Accessories	Option	Cord Length*	Control Input*	Environmental Options	Finish*
JB4750L Aluminum junction box	EA6 extended arm 6"	INJB Integral J-Box	CSL__ 10'-50' of cable available in 5' increments	ZT 0 - 10V	MRE Marine Environment	BL Black Textured
MS12 12" Steel mounting spike	EA12 extended arm 12"	Note: INJB available with 4FT max fixture length, MVOLT and KM mounting only.	Note: Cord length is not required with INJB	ELV Reverse Phase	NT Natatorium Construction	BZ Bronze Textured
MS18 18" Steel mounting spike	EA18 extended arm 18"	Note: INJB used for direct conduit entry, eliminating cable exposure in ground mounted and building mounted applications.	Note: Provided with black cord	DALI DALI	CR Corrosion Resistant	DBLB Designer Black Textured
PSSA Pedestal Stanchion Splice Access	FVSR Full Visor			DMX DMX		DDBT Designer Bronze Textured
SMSA__ Stanchion mount splice access. Available 12"-48" in 6" increments	HVSR Half Visor			Note: If 347 exclude ELV and DALI 2ft exclude DALI and DMX Note: INJB only available with ZT and ELV		DNAT Designer Natural Aluminum Textured
Note: Mounting Spike (MS) is used for fixture mounting only. Separate junction box is required for power. Hydrel offers JBA/JBB junction box	Note: Full visor includes top and bottom shield. Half Visor is top only for all distributions except wall wash which is bottom only.					GN Green Textured
						GR Grey Textured
						SND Sand Textured
						STG Steel Gray Textured
						TVG Terra Verde Green Textured
						WH White Textured
						DBL Designer Black Smooth
						DDB Designer Bronze Smooth
						DNA Natural Aluminum Smooth
						DWH Designer White Smooth
						CF Custom Finish
						RALTBDRal Paint Finishes Note: RALTBDR for pricing only, replace with applicable RAL call out when ready to order. See RALBROCHURE for available options. It is recommended only use textured paint for Hydrel fixtures

Note: * is a required field

DIMMING CHART

Voltage	Control Input	Min Dimming Level
MVOLT	ZT 0-10V	Dark
MVOLT	ELV Reverse Phase	Dark
MVOLT	DALI	Dark
MVOLT	DMX	Dark
347	ZT	Min1

* Dark - Constant Current Dimming to <1%

* Min1 - Constant Current Dimming to 1%

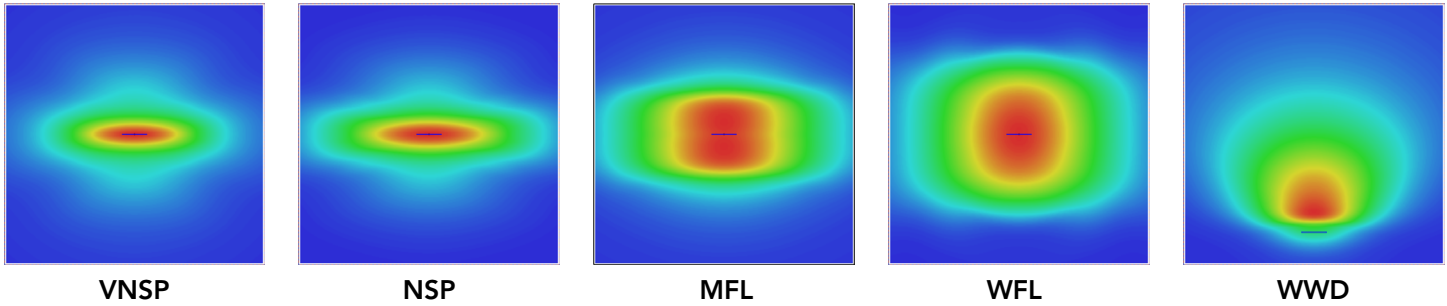
ELECTRICAL LOAD

			Current (A)				
Light Engines	Drive Current (mA)	System Watts	120	208	240	277	347
500LMF	500	21.1	0.18	0.10	0.09	0.08	NA
1000LMF	1040	42.1	0.35	0.20	0.18	0.15	0.12
2000LMF	1400	65.9	0.55	0.32	0.27	0.24	0.19

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.00	0.94	0.85	0.70

Ambient		Lumen Multiplier
0°C	32°F	1.02
10°C	50°F	1.01
20°C	68°F	1.00
25°C	77°F	1.00
30°C	86°F	1.00
40°C	104°F	0.98

PERFORMANCE DATA



LUMEN OUTPUT 4' FIXTURE

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Actual performance may differ as a result of end-user environment and application. Contact factory for performance data on any configurations not shown here.

LED Output	System Watts	Distribution Type	Field Angle		Beam Angle		30K (3000 CCT, 80CRI)			40K (4000 CCT, 80CRI)			50K (5000 CCT, 80CRI)		
			°H	°V	°H	°V	Max Cd	Lumens	LPW	Max Cd	Lumens	LPW	Max Cd	Lumens	LPW
500LMF	21W	VNSP	149.4	50.4	107.0	14.7	2510	2129	102	2770	2350	112	2943	2497	119
		NSP	153.2	78.7	113.6	22.7	1956	2181	104	2158	2406	115	2293	2556	122
		MFL	157.0	83.8	121.5	56.6	1392	2362	113	1536	2607	124	1632	2770	132
		WFL	161.3	109.7	127.4	92.3	880	2390	114	971	2638	126	1032	2803	134
		WWD	155.9	75.3	112.8	49.8	1312	2163	103	1447	2387	114	1538	2536	121
1000LMF	42W	VNSP	149.4	50.4	107.0	14.7	4823	4092	99	5322	4516	109	5655	4798	116
		NSP	153.2	78.7	113.6	22.7	3758	4190	102	4147	4624	112	4406	4913	119
		MFL	157.0	83.8	121.5	56.6	2675	4540	110	2952	5009	121	3136	5322	129
		WFL	161.3	109.7	127.4	92.3	1692	4594	111	1867	5069	123	1983	5386	131
		WWD	155.9	75.3	112.8	49.8	2521	4156	101	2782	4586	111	2955	4873	118
2000LMF	63W	VNSP	149.4	50.4	107.0	14.7	6933	5882	92	7650	6491	102	8128	6896	108
		NSP	153.2	78.7	113.6	22.7	5402	6023	94	5961	6646	104	6333	7062	111
		MFL	157.0	83.8	121.5	56.6	3845	6525	102	4242	7200	113	4508	7650	120
		WFL	161.3	109.7	127.4	92.3	2432	6603	103	2683	7286	114	2851	7741	121
		WWD	155.9	75.3	112.8	49.8	3623	5974	94	3998	6592	103	4248	7004	110

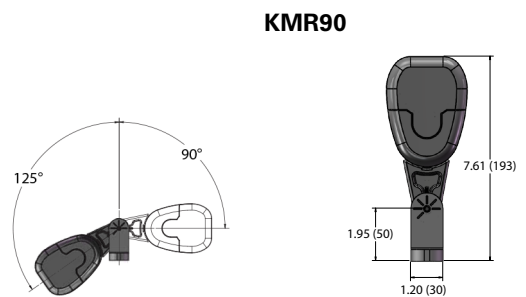
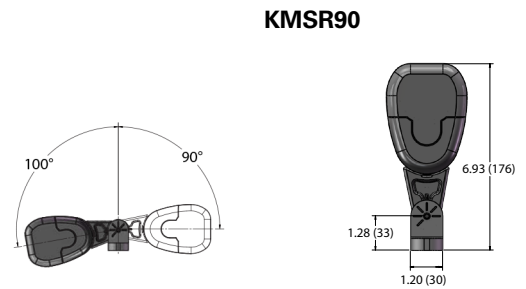
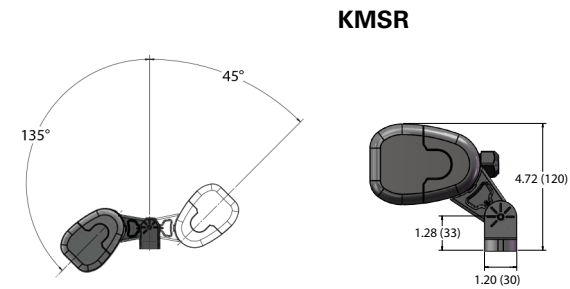
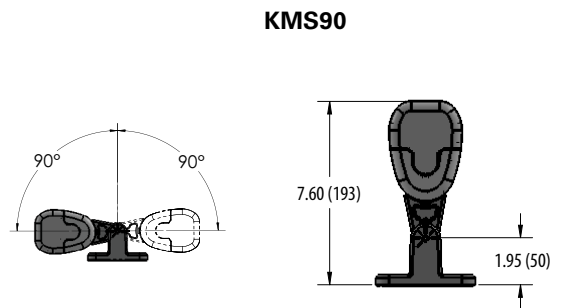
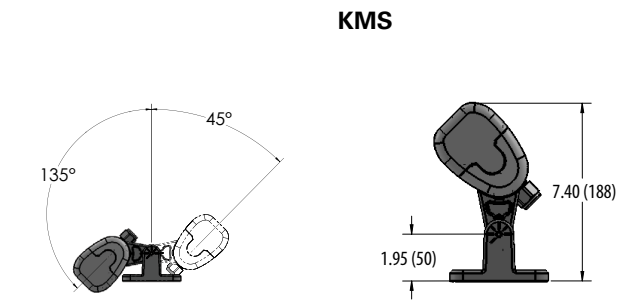
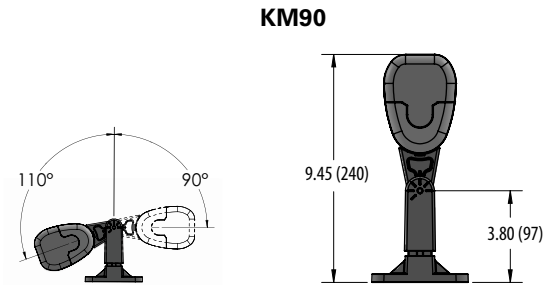
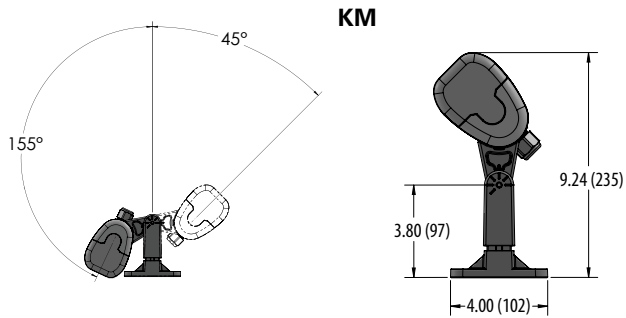
LUMEN OUTPUT 2' FIXTURE

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Actual performance may differ as a result of end-user environment and application. Contact factory for performance data on any configurations not shown here.

LED Output	System Watts	Distribution Type	Field Angle		Beam Angle		30K (3000 CCT, 80CRI)			40K (4000 CCT, 80CRI)			50K (5000 CCT, 80CRI)		
			°H	°V	°H	°V	Max Cd	Lumens	LPW	Max Cd	Lumens	LPW	Max Cd	Lumens	LPW
500LMF	11W	VNSP	149.2	52.4	107.7	14.6	1116	988	99	1231	1091	109	1308	1159	116
		NSP	150.0	69.7	112.3	19.9	973	999	100	1074	1103	110	1141	1172	117
		MFL	155.3	83.7	118.1	56.0	650	1078	108	717	1190	119	762	1264	127
		WFL	161.0	109.1	124.6	91.5	430	1117	112	474	1232	123	504	1309	131
		WWD	155.4	73.1	111.0	48.9	581	970	97	641	1070	107	681	1137	114
1000LMF	21W	VNSP	149.2	52.4	107.7	14.6	2269	2010	94	2504	2218	103	2661	2357	110
		NSP	150.0	69.7	112.3	19.9	1978	2032	95	2183	2242	105	2320	2383	111
		MFL	155.3	83.7	118.1	56.0	1322	2193	102	1459	2420	113	1550	2571	120
		WFL	161.0	109.1	124.6	91.5	874	2271	106	964	2505	117	1025	2662	124
		WWD	155.4	73.1	111.0	48.9	1182	1972	92	1304	2176	101	1386	2312	108
2000LMF	32W	VNSP	149.2	52.4	107.7	14.6	3305	2928	90	3647	3231	99	3875	3432	106
		NSP	150.0	69.7	112.3	19.9	2882	2960	91	3180	3266	101	3379	3470	107
		MFL	155.3	83.7	118.1	56.0	1925	3194	98	2125	3524	109	2257	3745	115
		WFL	161.0	109.1	124.6	91.5	1273	3307	102	1464	3649	112	1492	3877	119
		WWD	155.4	73.1	111.0	48.9	1722	2871	88	1900	3169	98	2018	3367	104

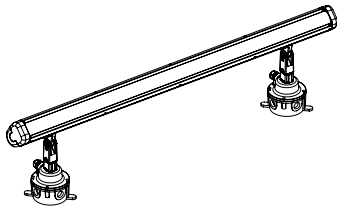
MOUNTING OPTIONS

KNUCKLE MOUNTING AND AIMING DETAILS

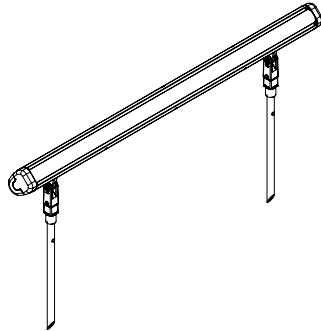


MOUNTING ACCESSORIES

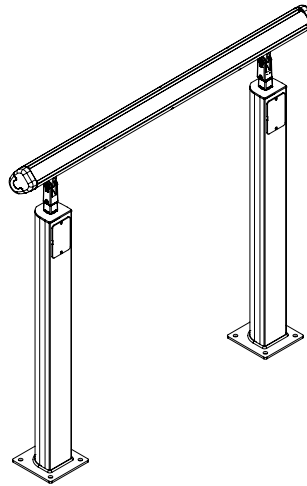
MOUNTING ACCESSORIES - is supplied with 1/2" NPS adaptor. Suitable for ground mounting.



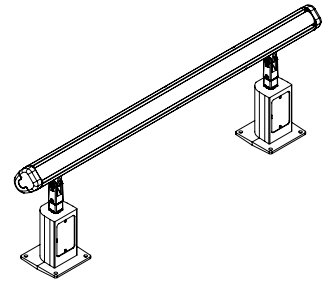
JB4750L Junction Box



MS12 Mounting splice available in 12" and 18"

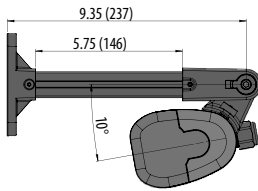


SMSA12 Mounting available in 12"-48" in 6" increments

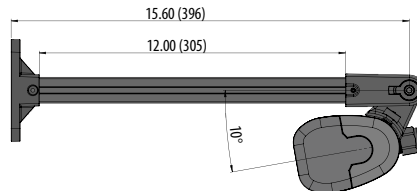


PSSA Mounting

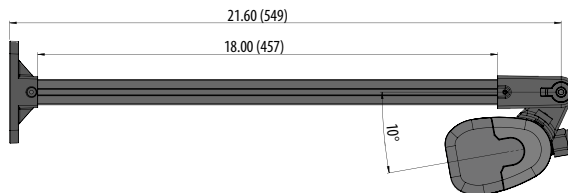
EXTENDED ARM Suitable for wall or surface mount



EA64750L



EA124750L

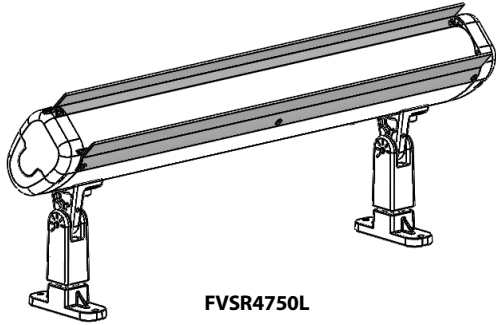


EA184750L

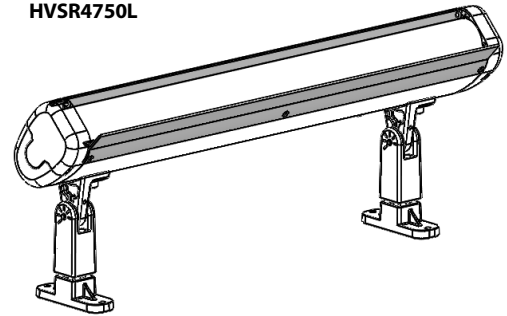
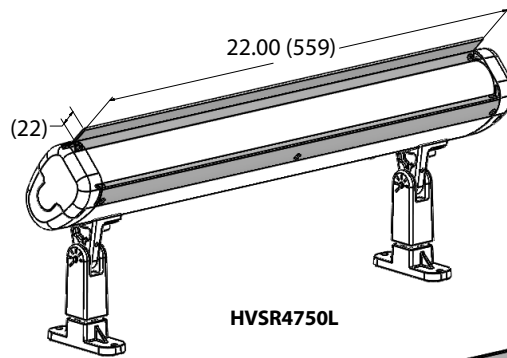
EXTERNAL ACCESSORIES

VISORS

FULL VISOR is supplied with top and bottom visor.

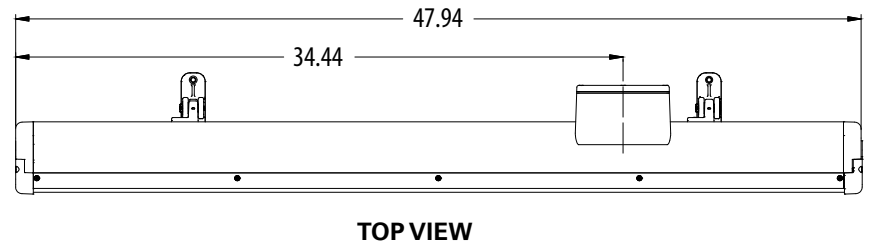
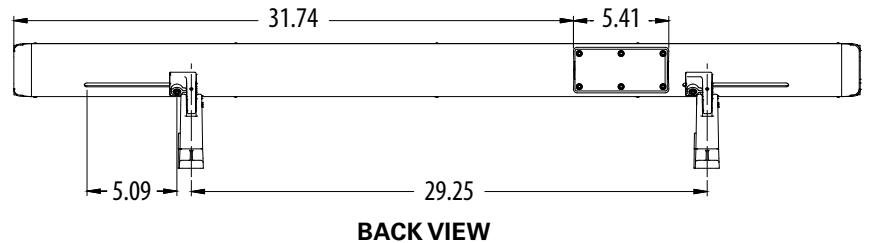
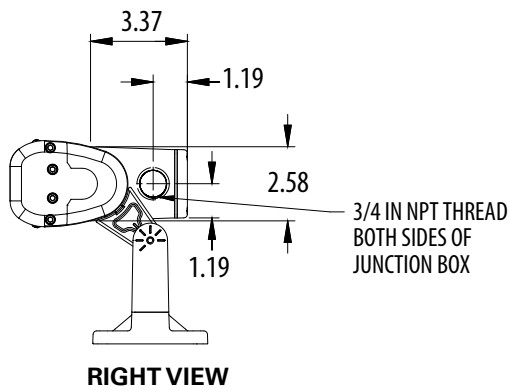


HALF VISOR are factory installed on top side except for wall wash distribution which is installed on the bottom. Visors: Can be field installed and moved from top to bottom if desired.



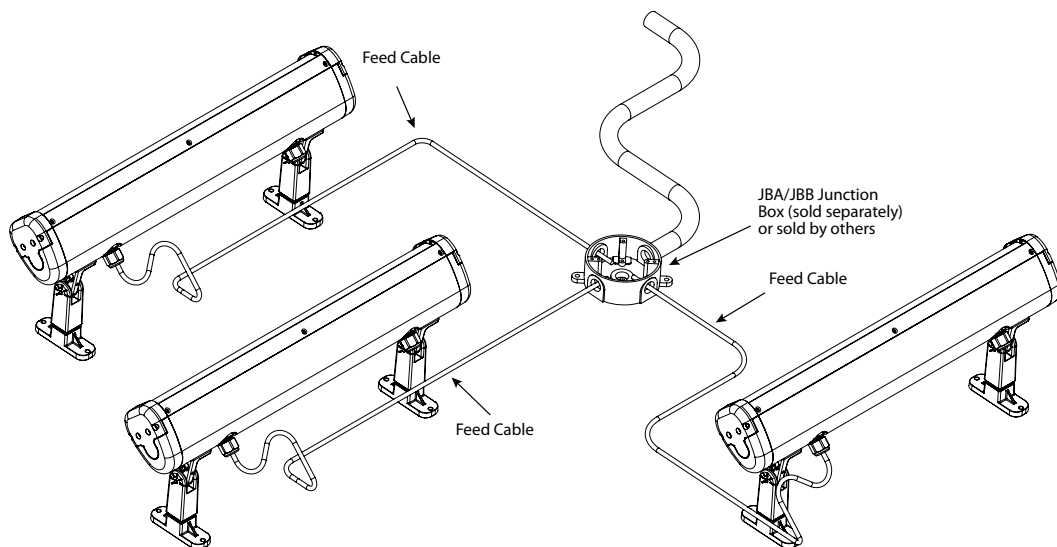
4750L WITH INTEGRAL J-BOX

INJB used for direct conduit entry, eliminating cable exposure in ground mounted and building mounted applications.

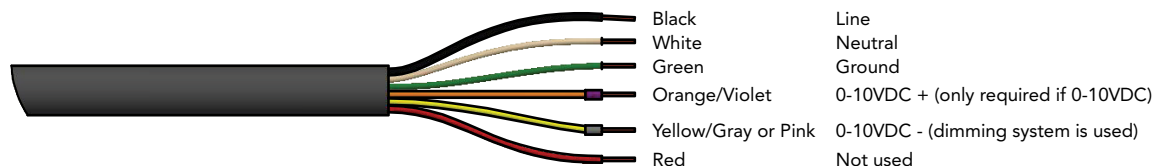


WIRING AND LAYOUT DESIGN

INDIVIDUAL RUN LAYOUT



Feed Cable Wiring Detail - Static Fixture



SPECIFICATIONS AND FEATURES

MATERIAL: Copper free die cast aluminum and corrosion resistant extruded aluminum. All stainless steel fasteners.

LIGHT SOURCE: CCT 27K, 30K, 35K, 40K, 50K, 80CRI, AMBLW limited wavelength 590nm. All within 3 MacAdam ellipses.

VOLTAGE: MVOLT 120-277 or 347 (4ft only.)

DISTRIBUTION: VNPS (10x), NSP (20x), MFL (55x), WFL (100x), WWD (wall wash Asymmetric)

LENS: High clarity acrylic, superior UV resistant.

MOUNTING: Seven (7) knuckle mount style options are available to meet a variety of application requirements for fixture height and range of aiming adjustability: KM (Knuckle Mount 45°), KMS (Knuckle Mount Short 45°), KM90 (Knuckle mount 90°), KMS90 (Knuckle mount short 90°), KMSR (Rotated Knuckle Mount Short 45°), KMR90 (Rotated Knuckle Mount 90°), or KMSR90 (Rotated Knuckle Mount Short 90°). Mounting feet are either perpendicular (KM, KMS, KM90, KMS90) or parallel (rotated) to the fixture length (KMSR, KMR90, KMSR90).

FINISH: Exterior parts are protected by a zinc-infused super durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a minimum 3 mils thickness for a finish that can withstand extreme climates without cracking or peeling.

CORD DETAILS: Provided with black cord MVOLT - 18-6 SJTOW 10ft. length. 347 - 16-5 STW 10ft. length.

LISTING: cCSAus, MRE (marine Environment) is listed to UL1598a. IP67 rated.

ENVIRONMENT: Suitable for outdoor wet location applications. Suitable for indoor, non-IC rated applications, maximum 40° C and minimum -20° C ambient operating temperatures.

GOVERNMENT PROCUREMENT

BAA – Buy America(n) Act: Product qualifies as a domestic end product under the Buy American Act as implemented in the FAR and DFARS. Product also qualifies as manufactured in the United States under DOT Buy America regulations.

BABA – Build America Buy America: Product qualifies as produced in the United States under the definitions of the Build America, Buy America Act.

Please refer to www.acuitybrands.com/resources/buy-american for additional information.

WARRANTY: 5-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: www.acuitybrands.com/support/customer-support/terms-and-conditions

Consult factory for details.

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.