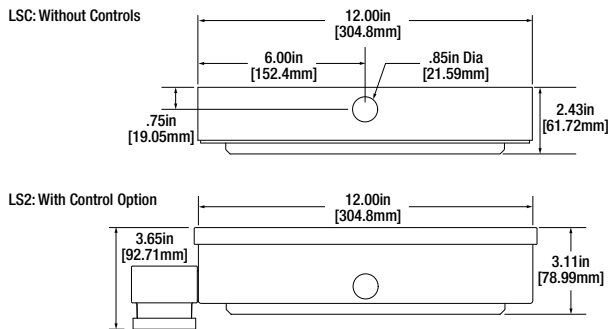


PermaLED® Outdoor Luminaires

Low Profile Canopy Luminaire



Dimensions



Universal voltage option

Product Features

PermaLED Low Profile LED Canopy luminaires are environmentally preferable, LED alternatives to traditional high-intensity discharge luminaires with up to 250W HID leading to energy savings of up to 74% compared to HID. The nominal 2.4" height of these extremely durable luminaires is less obtrusive making them ideal for entryways, parking garages and stairwells. The luminaires provide up to 10kV surge protection for effective suppression of most transient AC line surges. Luminaires are ETL listed in the United States and Canada, and backed by a 5 year warranty.

Ordering Guide

Item Number:

XXX	L	XX	7	XX	XX	XXX	Optional Controls (only available in LS2)	XX	Optional Accessories
Product Name	Lamp Type	Wattage	CRI	Color Temp	Photometric	Voltage	DX/OSP=(0-10V dimmable)	Finish/ Color	___=No Accessories
LSC=	LED	25	7=70+	40=4000K	T5=Garage	UNV=120-277V	Integral Occ Sensor/Photocell	BZ=Bronze	Bird Guard (BG-BZ)
Low Profile Canopy		40		50=5000K	Type V Optics	347=347V	DX/IWC=(0-10V dimmable)	WH=White	Bird Guard (BG-WH)
LS2=		55			C5=Canopy	(only available in LS2)	Internal Wireless Control	SV=Silver	Bird Guard (BG-SV)
Low Profile Canopy (IP66 housing)		72			Type V Optics		___=No Integrated Control		FSIR Remote Control for Sensors
					D5=Canopy				
					Type V Drop Lens				

Note: Accessories purchased separately.

Catalog #	
Type	
Project	
Notes	
Date	

Specifications

Weight: LSC: 8 lbs./LS2: 9.6 lbs./LS2 with controls: 10.6lbs/347V: 11lbs.

Construction: One-piece cast, low copper (<0.4%CU) aluminum alloy. TGIC thermoset polyester powder coat paint finish, 2.5-mil nominal thickness; standard colors are bronze, silver and white.

LED System: LED system with a life rating at 100,000 hours at L₉₃. Luminaire efficacy up to 117.

Electrical: Offered in 25, 40, 55 and 72 watts, the luminaire is designed to operate through the 120-277 or 347 V_{AC} universal voltage range and includes lightning surge protection in each unit, which is effective at suppressing most transient surges on the AC line. The 0-10V driver is control ready. The fixture power factor is ≥90% and THD is ≤20%. The THD for 25W, 347V is less than or equal to 25%.

Color Characteristics: CRI >70; CCT of 4000K and 5000K.

Optics: Light distribution is Type V for garage application or canopy applications with a single-piece, UV stabilized clear polycarbonate refractor lens.

Installation: Fixture mounts to recessed outlet box. Pendant mount option available (accessories not included).

Operating Temperature: -20°C to +45°C

Listings: LSC - IP 65 Rated optical chamber; LS2 - IP66 Rated; UL1310; FCC Part 15 for Class A for conducted and radiated emissions; DLC qualified; RoHS Compliant and ETL listed according to UL1598 for wet locations for the US and Canada; and tested in accordance with IEEE C62.41-2002 Category C low (10kV/5kA).

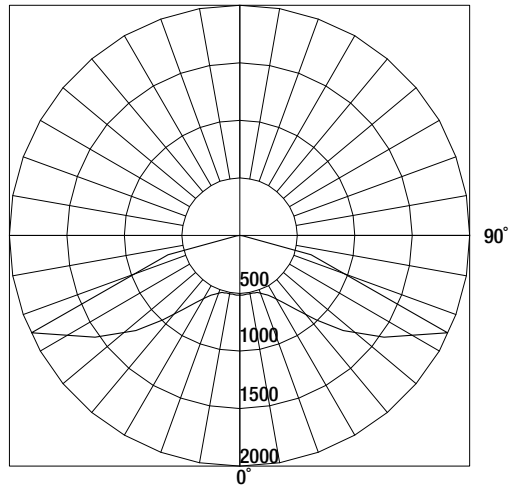
Warranty: Standard OSRAM 5-year luminaire warranty (LED152).

Note: Specifications subject to change without notice. IES files available upon request.

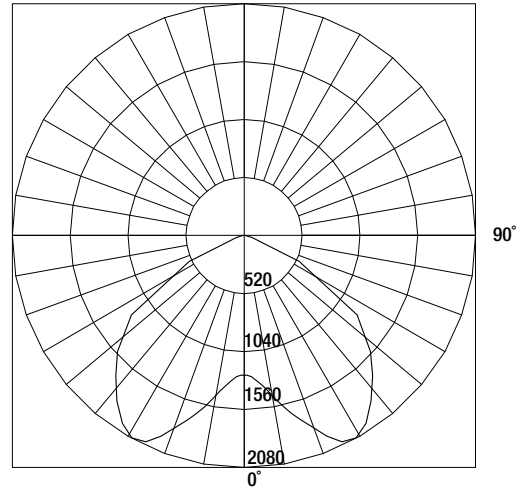


Photometric Data

Low Profile Canopy; 55W, 4000K, Garage Optic
Maximum Candela = 1995



Low Profile Canopy; 55W, 4000K, Canopy Optic
Maximum Candela = 2074



40°C	Lumen Maintenance Factor				L ₇₀ Calculated Hours
	Operating Hours				
	25,000	50,000	75,000	100,000	
PermaLED® Low Profile Canopy	0.95	0.95	0.94	0.93	1,080,644

Note: Projected LED Lumen Maintenance

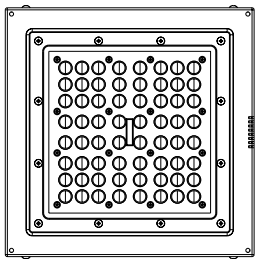
Data references the extrapolated performance projections for the PermaLED Low Profile Canopy in a 40°C ambient, based on 10,080 hours of LED testing (tested per 80-08 and projected per IESNA TM-21-11).

For complete photometric reports or to download IES files, visit www.osramamericas.com

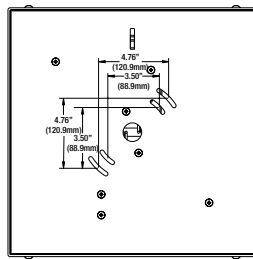
Additional Diagrams/Mounting Details/Performance Comparisons

LSC: Without controls

Front View

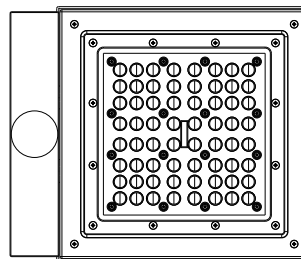


Back View

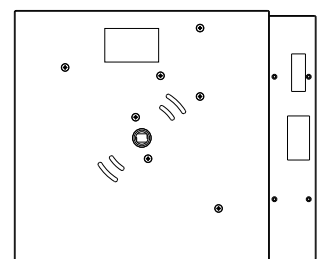


LS2: With control option

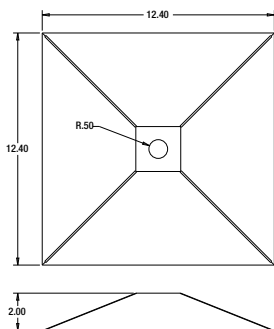
Front View



Back View



Accessory: Bird Guard



CL Series Canopy Bird Guard
1.5mm Powder Coated Aluminum Sheet Metal

Item Number	Ordering Abbreviation	Finish Color
72672	LSX-BG-WH Bird Guard	White
72673	LSX-BG-SV Bird Guard	Silver
72674	LSX-BG-BZ Bird Guard	Bronze
72909	FSIR-100 Remote Control for Sensor	—

Ordering Information

Item Number	White	Silver	Bronze	Ordering Abbreviation	Wattage (W)	CRI	CCT	Distribution	Lumens	(LPW)	BUG	Input Voltage
Garage Optic - UL Wet Rated Housing												
—	71942	71944	—	LSC-L-40-740-T5-UNV-XX	40	70+	4000K	Type V	4300	108	B2-U0-G1	120-277
—	71940	71942	—	LSC-L-40-750-T5-UNV-XX	40	70+	5000K	Type V	4600	115	B2-U0-G1	120-277
71939	71943	71947	—	LSC-L-55-740-T5-UNV-XX	55	70+	4000K	Type V	5400	98	B3-U0-G1	120-277
—	—	71945	—	LSC-L-55-750-T5-UNV-XX	55	70+	5000K	Type V	6100	111	B3-U0-G1	120-277
Garage Optic - IP66 Housing												
73085	73087	73089	—	LS2-L-25-740-T5-UNV-XX	25	70+	4000K	Type V	2300	92	B2-U0-G1	120-277
73084	73086	73088	—	LS2-L-25-750-T5-UNV-XX	25	70+	5000K	Type V	2600	104	B2-U0-G1	120-277
72775	72779	72783	—	LS2-L-40-740-T5-UNV-XX	40	70+	4000K	Type V	4300	108	B2-U0-G1	120-277
72773	72777	72781	—	LS2-L-40-750-T5-UNV-XX	40	70+	5000K	Type V	4600	115	B2-U0-G1	120-277
72776	72780	72784	—	LS2-L-55-740-T5-UNV-XX	55	70+	4000K	Type V	5400	98	B3-U0-G1	120-277
72774	72778	72782	—	LS2-L-55-750-T5-UNV-XX	55	70+	5000K	Type V	6100	111	B3-U0-G1	120-277
73091	73093	73095	—	LS2-L-72-740-T5-UNV-XX	72	70+	4000K	Type V	7400	103	B3-U0-G1	120-277
73090	73092	73094	—	LS2-L-72-750-T5-UNV-XX	72	70+	5000K	Type V	8300	115	B3-U0-G2	120-277
73383	73385	73387	—	LS2-L-25-740-T5-347-XX	25	70+	4000K	Type V	2350	94	B1-U0-G0	347
73382	73384	73386	—	LS2-L-25-750-T5-347-XX	25	70+	5000K	Type V	2600	104	B1-U0-G0	347
72799	72803	72807	—	LS2-L-40-740-T5-347-XX	40	70+	4000K	Type V	4300	108	B2-U0-G1	347
72797	72801	72805	—	LS2-L-40-750-T5-347-XX	40	70+	5000K	Type V	4600	115	B2-U0-G1	347
72800	72804	72808	—	LS2-L-55-740-T5-347-XX	55	70+	4000K	Type V	5400	98	B3-U0-G1	347
72798	72802	72806	—	LS2-L-55-750-T5-347-XX	55	70+	5000K	Type V	6100	111	B3-U0-G1	347
73389	73391	73393	—	LS2-L-72-740-T5-347-XX	72	70+	4000K	Type V	8400	117	B3-U0-G1	347
73388	73390	73392	—	LS2-L-72-750-T5-347-XX	72	70+	5000K	Type V	8400	117	B3-U0-G1	347
Garage Optic - IP66 Housing with Occupancy Sensor												
72643	72647	72651	—	LS2-L-40-740-T5-UNV-DX-OSP-XX	40	70+	4000K	Type V	4300	108	B2-U0-G1	120-277
72641	72645	72649	—	LS2-L-40-750-T5-UNV-DX-OSP-XX	40	70+	5000K	Type V	4600	115	B2-U0-G1	120-277
72644	72648	72652	—	LS2-L-55-740-T5-UNV-DX-OSP-XX	55	70+	4000K	Type V	5400	98	B3-U0-G1	120-277
72642	72646	72650	—	LS2-L-55-750-T5-UNV-DX-OSP-XX	55	70+	5000K	Type V	6100	111	B3-U0-G1	120-277
72828	72832	72836	—	LS2-L-40-740-T5-347-DX-OSP-XX	40	70+	4000K	Type V	4300	108	B2-U0-G1	347
72826	72830	72834	—	LS2-L-40-750-T5-347-DX-OSP-XX	40	70+	5000K	Type V	4600	115	B2-U0-G1	347
72829	72833	72837	—	LS2-L-55-740-T5-347-DX-OSP-XX	55	70+	4000K	Type V	5400	98	B3-U0-G1	347
72827	72831	72835	—	LS2-L-55-750-T5-347-DX-OSP-XX	55	70+	5000K	Type V	6100	111	B3-U0-G1	347
Garage Optic - IP66 Housing with Wireless Control												
72745	72749	72753	—	LS2-L-40-740-T5-UNV-DX-IWC-XX	40	70+	4000K	Type V	4300	108	B2-U0-G1	120-277
72743	72747	72751	—	LS2-L-40-750-T5-UNV-DX-IWC-XX	40	70+	5000K	Type V	4600	115	B2-U0-G1	120-277
72746	72750	72754	—	LS2-L-55-740-T5-UNV-DX-IWC-XX	55	70+	4000K	Type V	5400	98	B3-U0-G1	120-277
72744	72748	72752	—	LS2-L-55-750-T5-UNV-DX-IWC-XX	55	70+	5000K	Type V	6100	111	B3-U0-G1	120-277
72840	72844	72849	—	LS2-L-40-740-T5-347-DX-IWC-XX	40	70+	4000K	Type V	4300	108	B2-U0-G1	347
72838	72842	72847	—	LS2-L-40-750-T5-347-DX-IWC-XX	40	70+	5000K	Type V	4600	115	B2-U0-G1	347
72841	72845	72850	—	LS2-L-55-740-T5-347-DX-IWC-XX	55	70+	4000K	Type V	5400	98	B3-U0-G1	347
72839	72843	72848	—	LS2-L-55-750-T5-347-DX-IWC-XX	55	70+	5000K	Type V	6100	111	B3-U0-G1	347
Canopy Optic - UL Wet Rated Housing												
72583	72587	72591	—	LSC-L-40-740-C5-UNV-XX	40	70+	4000K	Type V	4300	108	B2-U0-G1	120-277
72581	—	72589	—	LSC-L-40-750-C5-UNV-XX	40	70+	5000K	Type V	4500	113	B2-U0-G1	120-277
—	72586	72590	—	LSC-L-55-750-C5-UNV-XX	55	70+	5000K	Type V	6100	111	B2-U0-G1	120-277
Canopy Optic - IP66 Housing												
73073	73075	73077	—	LS2-L-25-740-C5-UNV-XX	25	70+	4000K	Type V	2350	94	B1-U0-G0	120-277
73072	73074	73076	—	LS2-L-25-750-C5-UNV-XX	25	70+	5000K	Type V	2600	104	B1-U0-G0	120-277
72865	72869	72873	—	LS2-L-40-740-C5-UNV-XX	40	70+	4000K	Type V	4300	108	B2-U0-G1	120-277
72863	72867	72871	—	LS2-L-40-750-C5-UNV-XX	40	70+	5000K	Type V	4500	113	B2-U0-G1	120-277
72866	72870	72874	—	LS2-L-55-740-C5-UNV-XX	55	70+	4000K	Type V	5400	98	B3-U0-G1	120-277
72864	72868	72872	—	LS2-L-55-750-C5-UNV-XX	55	70+	5000K	Type V	6100	111	B2-U0-G1	120-277
73078	73080	73082	—	LS2-L-72-750-C5-UNV-XX	72	70+	5000K	Type V	8400	117	B3-U0-G1	120-277
73407	73409	73411	—	LS2-L-25-740-C5-347-XX	25	70+	4000K	Type V	2350	94	B1-U0-G0	347
73406	73408	73410	—	LS2-L-25-750-C5-347-XX	25	70+	5000K	Type V	2600	104	B1-U0-G0	347
75387	75391	75395	—	LS2-L-40-740-C5-347-XX	40	70+	4000K	Type V	4300	108	B2-U0-G1	347
75385	75389	75393	—	LS2-L-40-750-C5-347-XX	40	70+	5000K	Type V	4500	113	B2-U0-G1	347
75388	75392	75396	—	LS2-L-55-740-C5-347-XX	55	70+	4000K	Type V	5400	98	B3-U0-G1	347
75386	75390	75394	—	LS2-L-55-750-C5-347-XX	55	70+	5000K	Type V	6100	111	B2-U0-G1	347
73413	73415	73417	—	LS2-L-72-740-C5-347-XX	72	70+	4000K	Type V	8400	117	B3-U0-G1	347
73412	73414	73416	—	LS2-L-72-750-C5-347-XX	72	70+	5000K	Type V	8400	117	B3-U0-G1	347
Canopy Optic - IP66 Housing with Occupancy Sensor												
72787	72791	72795	—	LS2-L-40-740-C5-UNV-DX-OSP-XX	40	70+	4000K	Type V	4300	108	B2-U0-G1	120-277
72785	72789	72793	—	LS2-L-40-750-C5-UNV-DX-OSP-XX	40	70+	5000K	Type V	4500	113	B2-U0-G1	120-277
72788	72792	72796	—	LS2-L-55-740-C5-UNV-DX-OSP-XX	55	70+	4000K	Type V	5400	98	B3-U0-G1	120-277
72786	72790	72794	—	LS2-L-55-750-C5-UNV-DX-OSP-XX	55	70+	5000K	Type V	6100	111	B2-U0-G1	120-277
72853	72857	72861	—	LS2-L-40-740-C5-347-DX-OSP-XX	40	70+	4000K	Type V	4300	108	B2-U0-G1	347
72851	72855	72859	—	LS2-L-40-750-C5-347-DX-OSP-XX	40	70+	5000K	Type V	4500	113	B2-U0-G1	347
72854	72858	72862	—	LS2-L-55-740-C5-347-DX-OSP-XX	55	70+	4000K	Type V	5400	98	B3-U0-G1	347
72852	72856	72860	—	LS2-L-55-750-C5-347-DX-OSP-XX	55	70+	5000K	Type V	6100	111	B2-U0-G1	347

Ordering Information

Item Number	White	Silver	Bronze	Ordering Abbreviation	Wattage (W)	CRI	CCT	Distribution	Lumens	(LPW)	Input BUG	Voltage
Canopy Optic - IP66 Housing with Wireless Control												
72816	72820	72824		LS2-L-40-740-C5-UNV-DX-IWC-XX	40	70+	4000K	Type V	4300	108	B2-U0-G1	120-277
72814	72818	72822		LS2-L-40-750-C5-UNV-DX-IWC-XX	40	70+	5000K	Type V	4500	113	B2-U0-G1	120-277
72817	72821	72825		LS2-L-55-740-C5-UNV-DX-IWC-XX	55	70+	4000K	Type V	5400	98	B3-U0-G1	120-277
72815	72819	72823		LS2-L-55-750-C5-UNV-DX-IWC-XX	55	70+	5000K	Type V	6100	111	B2-U0-G1	120-277
72878	72882	72886		LS2-L-40-740-C5-347-DX-IWC-XX	40	70+	4000K	Type V	4300	108	B2-U0-G1	347
72876	72880	72884		LS2-L-40-750-C5-347-DX-IWC-XX	40	70+	5000K	Type V	4500	113	B2-U0-G1	347
72879	72883	72887		LS2-L-55-740-C5-347-DX-IWC-XX	55	70+	4000K	Type V	5400	98	B3-U0-G1	347
72877	72881	72885		LS2-L-55-750-C5-347-DX-IWC-XX	55	70+	5000K	Type V	6100	111	B2-U0-G1	347
Canopy Optic with Drop Lens - IP66 Housing												
73588	73590	73592		LS2-L-25-740-D5-UNV-XX	25	70+	4000K	Type V - Drop Lens	1950	86	B1-U2-G1	120-277
73587	73589	73591		LS2-L-25-750-D5-UNV-XX	25	70+	5000K	Type V - Drop Lens	2400	102	B1-U2-G1	120-277
73627	73375	73629		LS2-L-40-740-D5-UNV-XX	40	70+	4000K	Type V - Drop Lens	3700	88	B2-U2-G1	120-277
73626	73373	73628		LS2-L-40-750-D5-UNV-XX	40	70+	5000K	Type V - Drop Lens	4200	98	B2-U2-G1	120-277
73635	73376	73637		LS2-L-55-740-D5-UNV-XX	55	70+	4000K	Type V - Drop Lens	4700	86	B2-U2-G1	120-277
73634	73374	73636		LS2-L-55-750-D5-UNV-XX	55	70+	5000K	Type V - Drop Lens	5300	94	B2-U2-G1	120-277
73615	73617	73619		LS2-L-72-740-D5-UNV-XX	72	70+	4000K	Type V - Drop Lens	6600	90	B2-U3-G2	120-277
73614	73616	73618		LS2-L-72-750-D5-UNV-XX	72	70+	5000K	Type V - Drop Lens	7000	94	B2-U3-G2	120-277
Canopy Optic with Drop Lens - IP66 Housing with Occupancy Sensor												
73594	73596	73598		LS2-L-25-740-D5-UNV-DX-OSP-XX	25	70+	4000K	Type V - Drop Lens	1950	78	B1-U2-G1	120-277
73593	73595	73597		LS2-L-25-750-D5-UNV-DX-OSP-XX	25	70+	5000K	Type V - Drop Lens	2400	96	B1-U2-G1	120-277
73631	73377	73633		LS2-L-40-740-D5-UNV-DX-OSP-XX	40	70+	4000K	Type V - Drop Lens	3700	93	B2-U2-G1	120-277
73630	73379	73632		LS2-L-40-750-D5-UNV-DX-OSP-XX	40	70+	5000K	Type V - Drop Lens	4200	105	B2-U2-G1	120-277
73639	73378	73641		LS2-L-55-740-D5-UNV-DX-OSP-XX	55	70+	4000K	Type V - Drop Lens	4700	85	B2-U2-G1	120-277
73638	73381	73640		LS2-L-55-750-D5-UNV-DX-OSP-XX	55	70+	5000K	Type V - Drop Lens	5300	96	B2-U2-G1	120-277
73621	73623	73625		LS2-L-72-740-D5-UNV-DX-OSP-XX	72	70+	4000K	Type V - Drop Lens	6600	92	B2-U3-G2	120-277
73620	73622	73624		LS2-L-72-750-D5-UNV-DX-OSP-XX	72	70+	5000K	Type V - Drop Lens	7000	97	B2-U3-G2	120-277

OSRAM

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Specifications subject to change without notice.

