

Series Spec Sheet

L1RUH

ROUND ECONOMIC AND HIGH PERFORMING LUMINAIRE CCT AND POWER SELECTABLE INTEGRATED SENSOR

Our economic series of LED High Bays are an energy efficient solution with a simple design. This type of luminaire is ideal for any application such as warehouses, manufacturing facilities, sports arenas, and other large high ceiling indoor applications. The IP65 rating allows this fixture to be installed where dust and water spray may be present. Meets Nema 4X and NSF.

FEATURES AND SPECIFICATIONS

• Construction

Physical Characteristics

- Pure light aluminum shell provides optimal heat dissipation and high lumen efficacy.
- Clear polycarbonate lens over LEDs provides a high light efficacy. Standard 90° beam angle.
- CCT and Power Select switches are placed discretely inside the housing.
- 10' cable standard in all configuration.

Mounting options

- Hook mount standard. The hook is removable for 1/2" NPT conduit mounting. For additional security, use the safety cable accessory. Trunnion with pivot range (± 90°) is also available for yoke bracket surface mounting (see accessories below).

• Performance data

- Available in both 4 000 and 5 000 K single color temperatures, or 4 000/5 000 K selectable color temperature
- 80+ CRI for true color accuracy
- Electrical Ratings: 120-347 V
- Estimated life of over 54 000 hours to L70
- 0-10 V dimming standard
- 4 kV surge protection
- Operating temperature: -40 to +50°C

• Compliances

- cULus certified for wet locations
- Meets NSF requirements (Splash Zone and Non Food Zone)
- Meets requirements of ICES-005 (A)
- Meets IP65 /NEMA 4X

OVERVIEW

Light source	LED
Watts (W)	100/120/150 150/200 200/240 100, 150, 200, 240
Lumen output (lm)	13 465 - 37 900
Efficacy (lm/W)	133 - 168
Color temperature (K)	4 000/5 000 4 000, 5 000
CRI	80+

¹ Integrated sensor, multi-volt driver, CCT and Power selectable on some configurations. Consult Quick Ship and Technical Specifications tables for more details.



100-150 W



200-240 W

AVAILABLE REFLECTORS



ALUMINUM REFLECTOR



CLEAR PC REFLECTOR



quick
ship



CCT
selectable¹



LED
fixture



power
selectable



wet
location



Not all products are qualified on the DLC QPL. To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/search.

QUICK SHIP AND TECHNICAL SPECIFICATION TABLE  ¹

SINGLE CCT AND SINGLE POWER ⁶

Order code	Model number	DLC unique ID	Watts (W)	Volts (V AC)	Color temp. (K) ²	Lumen output (lm) ³	Efficacy (lm/W)	CRI	Life L70 (hrs) ⁴	Tested hours LM-80 (hrs) ⁴	Beam angle	Power factor	THD (%)
68789	L1RUH-LS1-W/40K	P6EZGJLG	100	120-277	4 000	13 465	135	80+	> 54 000	9 000	90°	> 0.9	< 15
68790	L1RUH-LS1-W/50K	P7PU8K7D	100	120-277	5 000	13 524	135	80+	> 54 000	9 000	90°	> 0.9	< 15
68791	L1RUH-LS2-W/40K	PYCIUOJL	151	120-277	4 000	20 315	135	80+	> 54 000	9 000	90°	> 0.9	< 15
68792	L1RUH-LS2-W/50K	P485MOQJ	151	120-277	5 000	20 487	136	80+	> 54 000	9 000	90°	> 0.9	< 15
68793	L1RUH-LS3-W/40K	PGEUKAH7	202	120-277	4 000	27 069	134	80+	> 54 000	9 000	90°	> 0.9	< 15
68794	L1RUH-LS3-W/50K	P11KHHTH	202	120-277	5 000	27 366	135	80+	> 54 000	9 000	90°	> 0.9	< 15
68795	L1RUH-LS4-W/40K	PFGG8PJX	239	120-277	4 000	31 851	133	80+	> 54 000	9 000	90°	> 0.9	< 15
68796	L1RUH-LS4-W/50K	PPSU763Y	239	120-277	5 000	32 086	134	80+	> 54 000	9 000	90°	> 0.9	< 15
68797	L1RUH-LS5-W/40K	P1M9PREJ	243	120-277	4 000	37 103	153	80+	> 54 000	9 000	90°	> 0.9	< 15
68798	L1RUH-LS5-W/50K	PURGFOSP	243	120-277	5 000	37 376	154	80+	> 54 000	9 000	90°	> 0.9	< 15

¹ **QUICK SHIP:** Product availability is subject to change without notice. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.

² Typical color temperature range: +/- 5 %.

³ Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

⁴ Life hours are derived from IESNA LM-80-08 testing report and projected per IESNA TM-21-11 extrapolations.

CCT AND POWER SELECTABLE

Order code	Model number	DLC unique ID	Watts (W)	Volts (V AC)	Color temp. (K) ²	Lumen output (lm) ^{3,4}	Efficacy (lm/W)	CRI	Life L70 (hrs) ⁴	Tested hours LM-80 (hrs) ⁴	Calculated TM21 (hrs) ⁵	Dimming (Yes/No)	Power factor	THD (%)
68814	L1RUH-PS150-Q/2C	P4F00805	100/120/150	120-347	4 000/5 000	16 672 / 18 024 / 22 361	139	80+	54 000	9 000	54 000	Yes	> 0.9	< 15
68815	L1RUH-PS200-Q/2C	P7R7H182	150/200	120-347	4 000/5 000	25 149 / 29 319	136	80+	54 000	9 000	54 000	Yes	> 0.9	< 15
68816	L1RUH-PS240-Q/2C	PF5NOFIU	200/240	120-347	4 000/5 000	28 938 / 35 816	140	80+	54 000	9 000	54 000	Yes	> 0.9	< 15
68813	L1RUH-LS5-Q/2C	PMULAWD5	240	120-347	4 000/5 000	37 200	155	80+	54 000	9 000	54 000	Yes	> 0.9	< 15

¹ **QUICK SHIP:** Product availability is subject to change without notice. Please contact your Stanpro customer service representative to confirm inventory levels at time of order.

² Typical color temperature range: +/- 5 %.

³ Lumen values are derived from photometric testing. Initial lumens range: +/- 10 %.

⁴ Lumen values are based on 4 000 K default programming. Please refer to the LUMEN SPECIFICATION TABLE for more details on other color temperatures.

⁵ Life hours are derived from IESNA LM-80-08 testing report and projected per IESNA TM-21-11 extrapolations.

LUMEN SPECIFICATION TABLE

Order code	Model number	Watts (W)	4 000 K		5 000 K	
			Lumen output (lm)	Efficacy (lm/W)	Lumen output (lm)	Efficacy (lm/W)
68814	L1RUH-PS150-Q/2C	100	16 672	167	16 204	162
		120	18 024	150	17 518	146
		150	22 361	146	20 564	140
68815	L1RUH-PS200-Q/2C	150	25 149	168	24 503	163
		200	29 319	142	27 052	136
68816	L1RUH-PS240-Q/2C	200	28 938	145	28 881	144
		240	35 816	146	33 141	140
68813	L1RUH-LS5-Q/2C	240	37 199	159	37 635	156

DEFAULT PROGRAMMING

68814: 150W / 40K
 68815: 200W / 40K
 68816: 240W / 40K
 68813: 240W / 40K

Data is based upon tests performed in a controlled environment. Actual performance can vary depending on operating conditions. All products are subject to change or may be discontinued any time without notice.

ACCESSORIES (order separately)

Order code	Model Number	Type	Compatible with
68818	JB025	Junction box adapter	68789, 68790, 68791, 68792, 68793, 68794, 68795, 68796, 68797, 68798, 68799, 68800, 68801, 68802, 68803, 68804, 68805, 68806, 68807, 68808, 68813, 68814, 68815, 68816
68819	BKT844-100-BK	Trunion 100W-150W	68789, 68790, 68791, 68792, 68799, 68800, 68801, 68802, 68814
68820	BKT844-200-BK	Trunion 200W-240W	68793, 68794, 68795, 68796, 68797, 68798, 68803, 68804, 68805, 68806, 68807, 68808, 68813, 68815, 68816
68821	REF694-AL-100	Aluminium reflector 100W-150W	68789, 68790, 68791, 68792, 68799, 68800, 68801, 68802, 68814
68822	REF694-AL-200	Aluminium reflector 200-240W	68793, 68794, 68795, 68796, 68797, 68798, 68803, 68804, 68805, 68806, 68807, 68808, 68813, 68815, 68816
68823	REF694-PC-100	PC reflector 100W-150W	68789, 68790, 68791, 68792, 68799, 68800, 68801, 68802, 68814
68824	REF694-PC-200	PC reflector 200-240W	68793, 68794, 68795, 68796, 68797, 68798, 68803, 68804, 68805, 68806, 68807, 68808, 68813, 68815, 68816
68825 ¹	OSI-HB01DMS-A	High frequency sensor	68789, 68790, 68791, 68792, 68793, 68794, 68795, 68796, 68797, 68798, 68799, 68800, 68801, 68802, 68803, 68804, 68805, 68806, 68807, 68808, 68813, 68814, 68815, 68816
68826 ¹	OSI-HB03DPR-A	PIR sensor	68789, 68790, 68791, 68792, 68793, 68794, 68795, 68796, 68797, 68798, 68799, 68800, 68801, 68802, 68803, 68804, 68805, 68806, 68807, 68808, 68813, 68814, 68815, 68816
68827	OSI-HB03R	Remote control	68825, 68826
69013 ²	BI-BLD-RM30R	Emergency back-up option	68789, 68790, 68791, 68792, 68793, 68794, 68795, 68796, 68797, 68798, 68799, 68800, 68801, 68802, 68803, 68804, 68805, 68806, 68807, 68808, 68813, 68814, 68815, 68816
69014	BI-RN51M	EM back-up remote control	69013

¹ To change factory settings, purchase remote 68827 (sold separately).
² To manually test in EM mode RF remote 69014 can be purchased separately.

COMPATIBLE DIMMERS¹

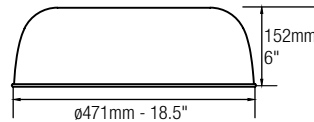
Brand	Model Number
LUTRON	NTSTV-DV-AL, NFTV-IV, DVTV-WH
LEVITON	DS710-10Z, IP710-DLZ
LEGRAND	RH4FBL3PW

Dimming range: 10%-100%

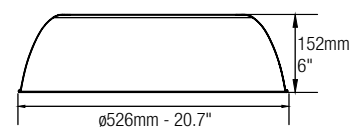
¹ This table shows dimmers that have been tested and have demonstrated proper operation under normal conditions. Each installation being unique, various factors such as load, common neutrals or other electrical products on the circuit can, in certain instances, cause variance in system performance. Read and comply to the dimmer installation instructions. Consult dimming system manufacturer for additional support in operation. Some dimmers may require more than one product for stable operation. Stanpro recommends to use dimmers designed to work with LED products. Older dimmers designed for incandescent products may cause erratic operation.

ALUMINUM REFLECTOR SILVER

REF694-AL-100

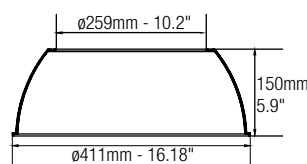


REF694-AL-200

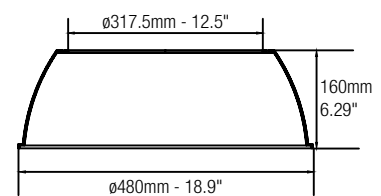


CLEAR POLYCARBONATE REFLECTOR

REF694-PC-100



REF694-PC-200



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