

Series Spec Sheet

L1HBB-L

HIGH BAY LUMINAIRE

The L1HBB-L series is the perfect solution for either new or retrofit applications. Built using cold-forging technology, the heat sink is made of 1070 pure aluminum. This forging process allows for heat dissipation that is three times faster than die-casting, ensuring the longest life possible for these fixtures. The hook design and the 10' cable facilitate an easy and fast installation.

FEATURES AND SPECIFICATIONS

• Applications

- Industrial, commercial, residential, dusty, wet or damp environments
- Warehouses
- Manufacturing facilities
- Gymnasiums
- Grocery Stores

• Construction

Housing

- 1 070 pure aluminum heat sink for maximum heat dissipation. Black or silver cold forge finish
- 10' power cable and 10' dimming wires

Lens

- 150-200 W: Frosted polycarbonate lens and 105° beam angle.
- 300-500 W: Clear glass lens and 120° beam angle.

• Specifications

Driver

- 120-277 V and 347 V available
- 1-10 V dimming standard

Ambient temperature

- -30 °C to 50 °C
- (See table on next page for details)

Mounting

- Hook mount standard.
- Bracket for surface mounting

• Compliances

- Meets requirements of ICES-005
- Suitable for damp and wet location
- IP65
- cULus Certified
- UL1598, UL8750

OVERVIEW

Light source	LED
Watts (W)	152 - 500
Lumen output (lm)	19 389 - 66 198
Efficiency (lm/W)	128 - 132
Color temperature (K)	4 000, 5 000
CRI	80+
Weight (lbs)	9.41 - 24.62



150, 200 W (120-277 V)



150, 200 W (347 V)



300 W



500 W

AVAILABLE REFLECTORS



Aluminum reflector
silver 60°



Clear polycarbonate
reflector 70°



Aluminum reflector
silver 90°



Frosted polycarbonate
reflector 70°



Clear polycarbonate
reflector 70°



quick
ship



LED
fixture



wet
location



ICES
005



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

Order code	Model number	DLC unique ID	Watts (W)	Volts (VAC)	Color temp. (K) ²	Lumen output (lm) ³	Efficiency (lm/W)	CRI	Life L70 (hrs) ⁴	Dimming	Power factor	THD (%)
Ambiant temperature : -30 °C to 40 °C												
67116	HBB/S4/100-277/150W/50K/FR/PRO/STD	PLFDZTV2EK60	152	120-277	5 000	19 913	131	80+	155 000	1-10	0.94	12
67118	HBB/S4/200-480/150W/50K/FR/PRO/STD	PL2NP9S9PZ3B	152	347	5 000	19 936	132	80+	155 000	1-10	0.96	5
67120	HBB/S4/100-277/200W/50K/FR/PRO/STD	PL1BI4UJ5HZC	201	120-277	5 000	26 505	132	80+	155 000	1-10	0.95	12
67121	HBB/S4/200-480/200W/40K/FR/PRO/STD	PLPASMAI7IDF	201	347	4 000	25 934	129	80+	155 000	1-10	0.95	9
67122	HBB/S4/200-480/200W/50K/FR/PRO/STD	PLW1N1FBD2DL	201	347	5 000	26 462	132	80+	155 000	1-10	0.95	9
67126	HBB/S4/200-480/300W/50K/CL/PRO/STD	PL78TNR7FC2M	309	347	5 000	40 383	131	80+	155 000	1-10	0.92	13
67133	HBB/S4/200-480/500W/40K/CL/PRO/STD	PL5BAE089FAJ	500	347	4 000	65 246	130	80+	155 000	1-10	0.94	13
67134	HBB/S4/200-480/500W/50K/CL/PRO/STD	PLKKEPEAX2D	500	347	5 000	66 099	132	80+	155 000	1-10	0.94	13
Ambiant temperature : -30 °C to 50 °C												
67123	HBB/S4/100-277/300W/40K/CL/PRO/STD	PLAIV9ZL1PX6	307	120-277	4 000	40 239	131	80+	155 000	1-10	0.95	14
67124	HBB/S4/100-277/300W/50K/CL/PRO/STD	PLFFPM006DOI	307	120-277	5 000	40 239	131	80+	155 000	1-10	0.95	14
67131	HBB/S4/100-277/500W/40K/CL/PRO/STD	PLY544Q3VIB	505	120-277	4 000	65 418	130	80+	155 000	1-10	0.94	14
67132	HBB/S4/100-277/500W/50K/CL/PRO/STD	PL7V536XICPR	500	120-277	5 000	66 198	132	80+	155 000	1-10	0.94	14
68287	HBB/S4/200-480/300W/50K/CL/PRO/STD	PL78TNR7FC2M	309	347	5 000	40 383	131	80+	155 000	1-10	0.92	13
68288	HBB/S4/200-480/500W/40K/CL/PRO/STD	PL5BAE089FAJ	500	347	4 000	65 246	130	80+	155 000	1-10	0.94	13
68289	HBB/S4/200-480/500W/50K/CL/PRO/STD	PLKKEPEAX2D	500	347	5 000	66 099	132	80+	155 000	1-10	0.94	13

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.

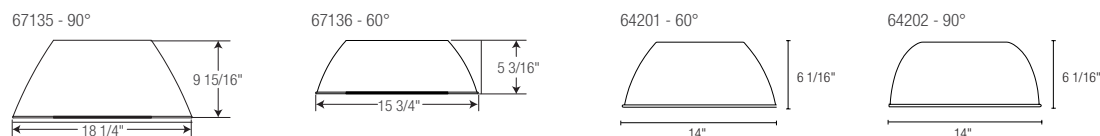
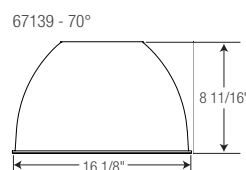
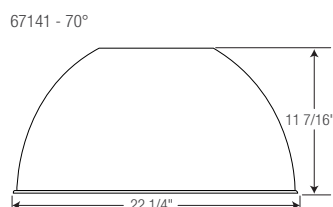
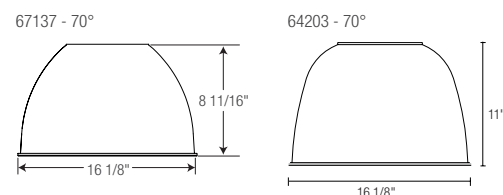
² Typical color temperature range: +/- 5 %.

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

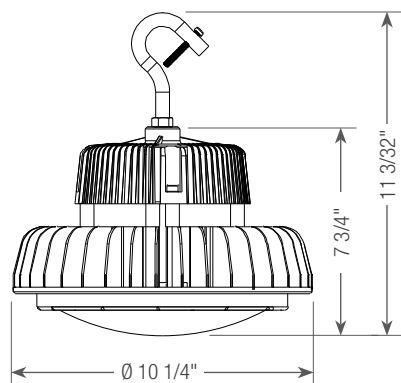
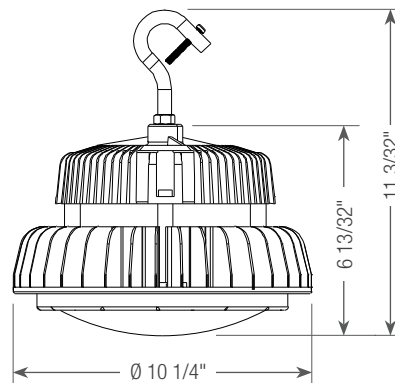
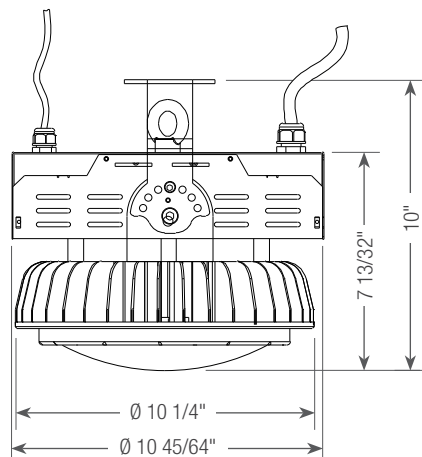
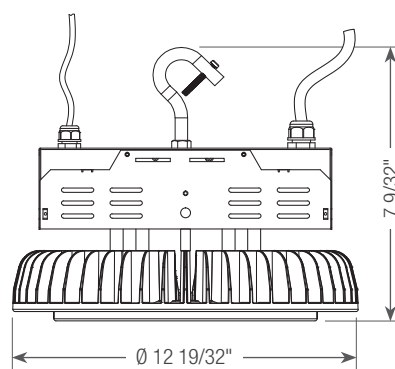
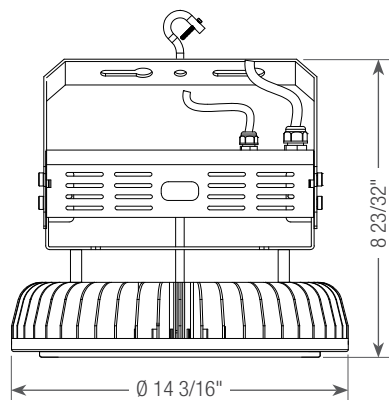
⁴ Life hours are derived from IESNA LM-80-08 testing report and projected per IESNA TM-21-11 extrapolations.

ACCESSORIES (order separately)

Order code	Type	Compatible with
64201	14" aluminium reflector	150, 200 W
64202	14" aluminium reflector	150, 200 W
64203	16" acrylic reflector	150, 200 W
67136	16" aluminium reflector	150, 200, 300 W
67135	18" aluminium reflector	150, 200, 300 W
67137	16" acrylic reflector	150, 200, 300 W
67138	16" clear polycarbonate lens	150, 200, 300 W
67141	22" clear polycarbonate reflector	150, 200, 300 W
67142	22" clear polycarbonate lens	150, 200, 300 W
67139	16" frosted polycarbonate reflector	150, 200, 300 W
67140	16" frosted polycarbonate lens	150, 200, 300 W
67144	Trunnion (± 90°)	150, 200 W (120-277 V) & 300 W (120-277 V & 347 V)

ALUMINUM REFLECTOR

FROSTED POLYCARBONATE REFLECTOR

CLEAR POLYCARBONATE REFLECTOR

ACRYLIC REFLECTOR


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.

DIMENSIONS
150 W – 120-277 V

200 W – 120-277 V

150 W & 200 W – 347 V

300 W – 120-277 V & 347 V

500 W – 120-277 V & 347 V


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