

INTERIOR USL-HB21D

Round Compact High Bay



PROJECT		TYPE		DATE	
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Interior

Exterior

Wet Location

Dimmable

AC

Down Light

5 Year Warranty

DLC Premium

UL

OVERVIEW

The US Luminaire compact high bay series is designed with a compact lamp body with smooth lines, creating an attractive appearance. The die-cast aluminum housing includes a professional cooling channel for improved cooling performance. Additionally, the luminaire utilizes tempered glass to improve impact resistance. This product is designed to handle indoor and outdoor applications with an IP65 rating. Ideally suitable for large workshops, gyms, stations, warehouses and covered parking lots, this fixture replaces traditional HID high bay lighting.

FEATURES

- LEDs are circularly arranged in symmetrical form to evenly distribute the light and the heat
- Good color rendering performance
- Compact and easy to install and transport
- Multiple installation methods of suspension, hook suspension, wall installation or ceiling installation with u-shaped rotating bracket
- 120° beam angle comes standard with tempered glass. Available in 45° or 90° beam angle with polycarbonate lens (see accessories section).



ORDERING INFORMATION

EXAMPLE PN: USL-HB21D-100W-LV-40K-10V

USL-HB21D	-	POWER*	-	VOLTAGE*	-	CCT	-	OPTIONS
		60W 60 WATTS		LV 120-277V		30K 3000K		0 NONE
		100W 100 WATTS		HV 277-480V		40K 4000K		10V 0-10V DIMMING
		150W 150 WATTS				50K 5000K		OS OCCUPANCY SENSOR
		200W 200 WATTS						EM EMERGENCY POWER
		240W 240 WATTS						EM-OS EMERGENCY POWER AND OCCUPANCY SENSOR

*Note: 60W model not available with HV or emergency power

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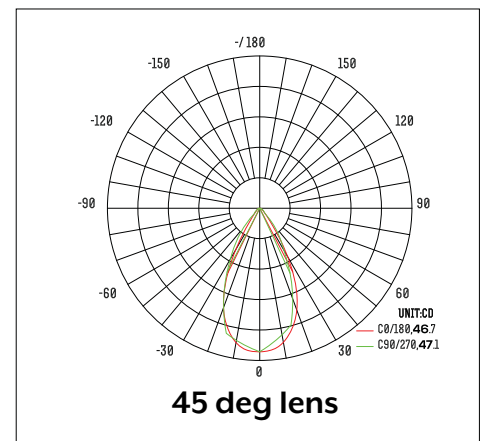
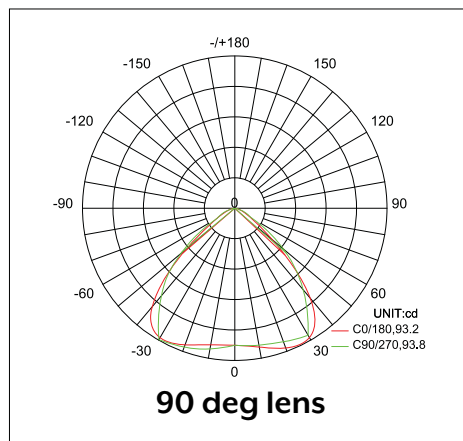
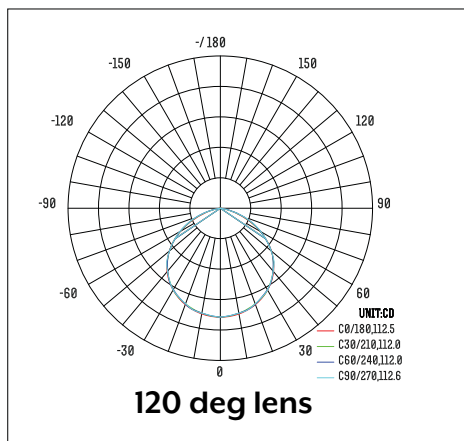


SPECIFICATIONS

MODEL	OPERATION VOLTAGE	OPERATING TEMPERATURE	RATED LIFESPAN	CCT	CRI	EFFICACY
USL-HB21D	120-277V 277-480V	-4°F – 131°F -20°C – 55°C	50,000 HOURS	3000K 4000K, 5000K	80+	125-142 lm/W

MODEL	POWER (W)	CCT	LUMENS (lm)	EFFICACY (lm/W)
USL-HB21D-60W-LV-30K	60	3000K	7,560	126
USL-HB21D-60W-LV-40K	60	4000K	8,120	135
USL-HB21D-60W-LV-50K	60	5000K	8,290	138
USL-HB21D-100W-xxV-30K	100	3000K	12,610	126
USL-HB21D-100W-xxV-40K	100	4000K	13,550	136
USL-HB21D-100W-xxV-50K	100	5000K	14,020	140
USL-HB21D-150W-xxV-30K	150	3000K	18,920	126
USL-HB21D-150W-xxV-40K	150	4000K	20,270	135
USL-HB21D-150W-xxV-50K	150	5000K	20,960	140
USL-HB21D-200W-xxV-30K	200	3000K	24,920	125
USL-HB21D-200W-xxV-40K	200	4000K	26,930	135
USL-HB21D-200W-xxV-50K	200	5000K	27,840	139
USL-HB21D-240W-xxV-30K	240	3000K	30,490	127
USL-HB21D-240W-xxV-40K	240	4000K	32,660	136
USL-HB21D-240W-xxV-50K	240	5000K	33,990	142

PHOTOMETRICS 120° beam angle available with standard tempered glass. 45° or 90° beam angle available with polycarbonate lens.



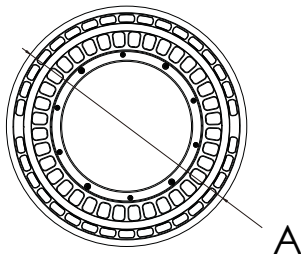
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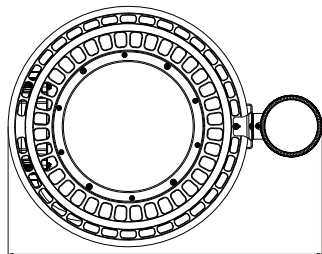


DIMENSIONS

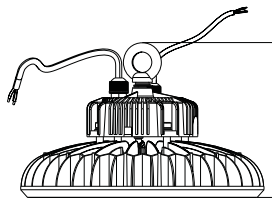
MODEL	60W	100W	150W	200W	240W
A FIXTURE DIAMETER	9.25 in 235 mm	11.02 in 280 mm	12.6 in 320 mm	13.39 in 340 mm	15.75 in 400 mm
B LENGTH INCLUDING MICROWAVE SENSOR	12.6 in 320 mm	14.37 in 365 mm	15.94 in 405 mm	16.73 in 425 mm	19.09 in 485 mm
C HEIGHT, HOOK-MOUNTED STANDARD DRIVER	6.1 in 155 mm	7.66 in 192 mm	7.91 in 201 mm	7.91 in 201 mm	8.5 in 216 mm
D HEIGHT, BRACKET-MOUNTED STANDARD DRIVER	7.01 in 178 mm	7.8 in 198 mm	8.15 in 207 mm	7.8 in 198 mm	8.43 in 214 mm
E HEIGHT, HOOK-MOUNTED WITH EMERGENCY DRIVER	N/A	11.5 in 292 mm	11.85 in 301 mm	11.85 in 301 mm	12.44 in 316 mm
F HEIGHT, BRACKET-MOUNTED WITH EMERGENCY DRIVER	N/A	11.61 in 295 mm	11.97 in 304 mm	11.61 in 295 mm	12.24 in 311 mm



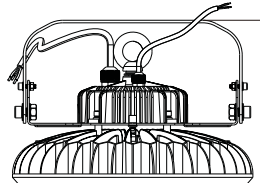
A



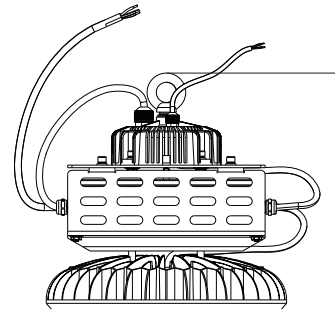
B



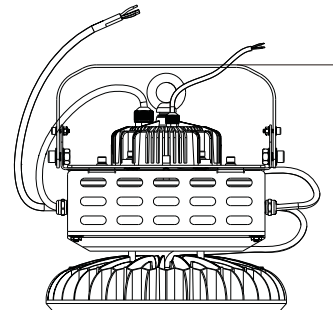
C



D



E



F

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ACCESSORIES

PART NUMBER	DESCRIPTION
USL-HB21D-ACC-L80-100W	80 degree metal reflector for 100W fixture
USL-HB21D-ACC-L80-150W	80 degree metal reflector for 150W fixture
USL-HB21D-ACC-L80-200W	80 degree metal reflector for 200W fixture
USL-HB21D-ACC-L80-240W	80 degree metal reflector for 240W fixture
USL-HB21D-ACC-LPC-100W	Polycarbonate refractor for 100W fixture
USL-HB21D-ACC-LPC-150/200W	Polycarbonate refractor for 150-200W fixture
USL-HB21D-ACC-LPC-240W	Polycarbonate refractor for 240W fixture
USL-HB21D-ACC-L4590-100W	45/90 degree polycarbonate lens for 100W fixture
USL-HB21D-ACC-L4590-150W	45/90 degree polycarbonate lens for 150W fixture
USL-HB21D-ACC-L4590-200W	45/90 degree polycarbonate lens for 200W fixture
USL-HB21D-ACC-L4590-240W	45/90 degree polycarbonate lens for 240W fixture
USL-HB21D-ACC-F-100W	Frosted acrylic diffuser for 100W fixture
USL-HB21D-ACC-F-150W	Frosted acrylic diffuser for 150W fixture
USL-HB21D-ACC-F-200W	Frosted acrylic diffuser for 200W fixture
USL-HB21D-ACC-F-240W	Frosted acrylic diffuser for 240W fixture
USL-HB21D-ACC-HK1	Suspended hook for 100-200W fixture
USL-HB21D-ACC-HK2	Suspended hook for 150-240W fixture
USL-HB21D-ACC-UBKT	U-shape bracket for 100-240W fixture
USL-HB21D-ACC-MS	Microwave sensor for 100-240W fixture
USL-HB21D-ACC-RP-1.5	1.5 meter safety rope
USL-HB21D-ACC-IC-1.5	1.5 meter iron chain
USL-HB21D-ACC-IC-1.0	1 meter iron chain
USL-HB21D-ACC-RMT	Remote controller
USL-HB21D-ACC-T9	T9 tool



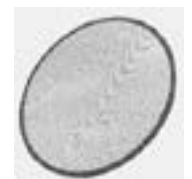
Metal reflector



PC refractor



45/90° PCLens



Frosted acrylic lens



Suspended hook



U bracket



Microwave sensor