

RLB SERIES

INDUSTRIAL LIGHTING

RLB-80-120W-MCTP-BK

RLB-80-120W-MCTP-WH

LED ROUND LOW BAY 120-277VAC



Black

White



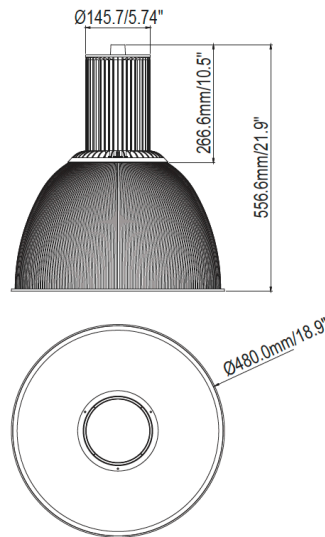
Bottom View

Bottom View



Top View

Top View



Technical Drawing: 19.8" (D) x 21.9" (W) x 5.74" (H)

Customer Name:

Project Name:

Note:

Type:

FEATURES:

- UL Listed
- Power and CCT selectable to reduce SKUs
- PC reflector included
- Black and white finish options
- High-output low bay design for commercial and retail applications
- 0-10V dimming for flexible lighting control
- Optional emergency backup and sensor controls
- Suitable for gyms, retail stores, warehouses, and open commercial spaces
- 5-year warranty

SPECIFICATIONS:

ELECTRICAL:

- Input Voltage: 120-277VAC
- Wattage Selectable: 80W / 100W / 120W
- 0-10V dimming
- Power Factor: >0.9
- THD: <20%
- Operating Temperature: -40°F to 122°F
- SJTW 18AWG, 4FT cable provided
- Factory-installed EM and sensor options available

MECHANICAL:

- Housing: Aluminum alloy with PC lens
- Finish Options: Black or White
- Reflector Included
- Dimensions: 18.9" Dia. x 21.9" H
- Housing Diameter: 5.74"
- Weight: 8.82 lbs.
- IP Rating: IP65
- Mounting: Hook mount included
- 1/2" threaded hook with set screw included
- Optional pendant stem mounting available

LIGHTING:

- Lumen Output: 11,200LM / 14,000LM / 16,800LM
- Efficacy: 140 LM/W
- CCT Selectable: 3000K / 4000K / 5000K
- CRI: >80
- Beam Angle: 60°
- Prismatic reflector for wide, comfortable low bay illumination
- Flicker-free performance

APPLICATIONS:

- Ideal for warehouses, workshops, manufacturing facilities, storage areas, retail spaces, gymnasiums, and other indoor locations requiring efficient, uniform illumination with mounting heights in low- to medium-bay applications. Suitable for operation on 120-277VAC power systems.

The RLB Series LED Round Low Bay is a power and CCT selectable commercial fixture designed for gyms, retail stores, warehouses, and open-area commercial applications. Delivering up to 16,800 lumens at 140 LM/W, it combines high-output performance with a prismatic reflector for broad, comfortable illumination. The fixture includes a 1/2" threaded hook with set screw for quick suspended installation, 0-10V dimming, selectable 3000K / 4000K / 5000K color temperatures, and optional factory-installed emergency backup or sensor controls for added flexibility.

PERFORMANCE TABLE

MODEL NO.	WATTAGE	LUMEN	COLOR Temp.	LPW
RLB-80-120W-MCTP-BK RLB-80-120W-MCTP-WH	80W 100W 120W	11200 14000 16800	3000K 4000K 5000K	140

FACTORY-INSTALLED OPTIONS

MODEL NO.	DESCRIPTION	IMAGE
OPT-EM-LHB2	Factory-installed emergency backup option	
OPT-SEN-ULHB	Factory-installed ULHB sensor option	
OPT-SEN-NLS-LHB2	Factory-installed WG network sensor option	
OPT-SEN-KEILTON-LHB2	Factory-installed Keilton network sensor option	

PLUG-IN CORD OPTIONS

MODEL NO.	DESCRIPTION	IMAGE
OPT-HBC-125TL-BK	8FT, 15A, 125V, 16/3, twist-lock plug-in cord, black	
OPT-HBC-125TL-WH	8FT, 15A, 125V, 16/3, twist-lock plug-in cord, white	
OPT-HBC-277TL-BK	8FT, 15A, 277V, 16/3, twist-lock plug-in cord, black	
OPT-HBC-277TL-WH	8FT, 15A, 277V, 16/3, twist-lock plug-in cord, white	
OPT-HBC-125SB-BK	10FT, 15A, 125V, 18/3, straight-blade plug-in cord, black	
OPT-HBC-125SB-WH	10FT, 15A, 125V, 18/3, straight-blade plug-in cord, white	

ACCESSORIES

MODEL NO.	DESCRIPTION	IMAGE
HB-RING	HIGHBAY TOP RING ADAPTER, 1/2in	
HB-EB-50/75	HIGHBAY EXPANSION BUSHING FROM 1/2in TO 3/4"	