



-40°C / +40°C



CLASS I, DIV 2/Zone 2 - T3C
CLASS II & CLASS III, DIV 2 - T5

FEATURES

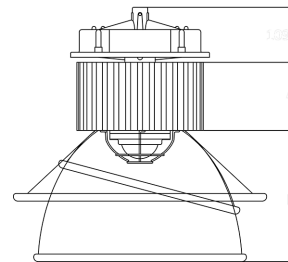
- High Powered LED Bay Light for various applications
- 150 Lumen/Watt Output (Rated Values)
- Optimized Retrofit Accessories
- Designed for industrial applications
- 5-Year Standard Warranty

The high-powered LED chip offers superior brightness, proven to eliminate safety concerns while providing exceptional light quality for highly productive environments. Use the 80 watt Bay Series LED to replace your old 250W lighting system eliminating your relamping cost and reducing energy consumption by up to 70%.

TECHNICAL SPECIFICATIONS

VOLTAGE	120-277V or 347-480V
POWER FACTOR	<95%
LED LUMINOUS EFFICIENCY	150 (LM/W) (RATED)
MAX LUMEN OUTPUT	9,525LM
COLOUR TEMPERATURE	5000K STANDARD
COLOUR RATING INDEX	Ra>70
LENS	LEXAN GLASS
PROTECTION	IP66
FREQUENCY	50-60 Hz
LED CHIP	SAMSUNG
LED DRIVER	MEANWELL
MAXIMUM INTENSITY ANGLE	120°
WORK TEMPERATURE	-40°C to +40°C
WORK HUMIDITY	15% to 95% RH
CHIP LIFE EXPECTANCY	80000 Hrs
FIXTURE	Aluminum Alloy Housing
WEIGHT	4.5KG 6.8KG 6.8KG
APPROVED	ETL Listed, Tested to CSA & UL Standards

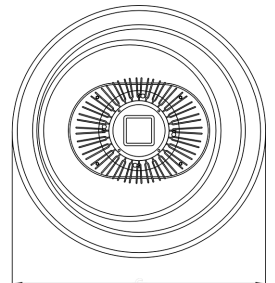
DIMENSIONS



109mm

A

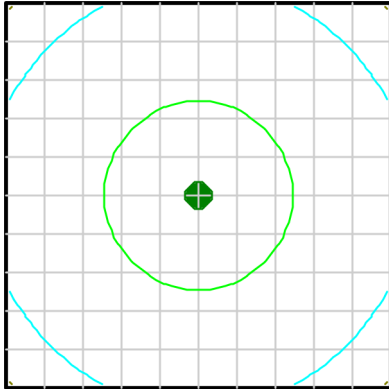
B



C

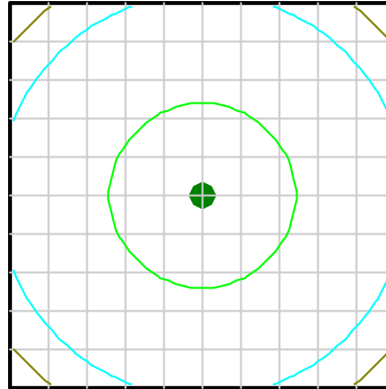
	A		B				
	RS	RD	RA	RC	RN	DGW	
30W	60mm	140mm	260mm	260mm	165mm	55mm	65mm
60W	135mm	140mm	260mm	260mm	165mm	55mm	65mm
80W	135mm	140mm	260mm	260mm	165mm	55mm	65mm
C	500mm	420mm	420mm	360mm	280mm	280mm	

OPTICS



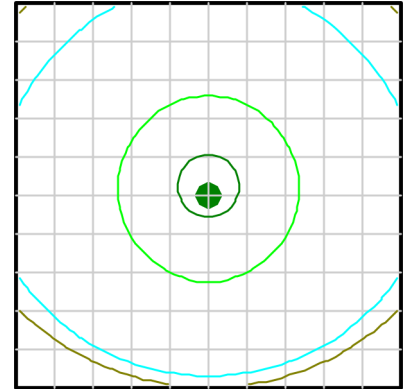
■ 20 fc ■ 10 fc ■ 1 fc
■ 15 fc ■ 5 fc ■ 0.5 fc

Fixture mounted @ 20ft | Calculation grid 50ft x 50ft
LS-BL420-80W-MV-DC-RS-W7-MH-HO



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Fixture mounted @ 20ft | Calculation grid 50ft x 50ft
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MOUNTING



HOOK MOUNT (MH)



PENDANT MOUNT (MP)



STANCHION MOUNT (UMS)



WALL MOUNT (UMS)



RETROFIT (UAP)

ORDERING INFORMATION

PROJECT NAME	PROJECT LOCATION	COMMENTS	PREPARED BY

PART NUMBER EXAMPLE: LS-BL420-30W-MV-DC-W7-MH-HO

MODEL	WATTAGE	VOLTAGE	LENS	REFLECTOR	CABLE	MOUNTING	LOCATION
-	-	-	-	-	-	-	-
LS-BL420	30W 60W 80W	MV 120-277V HV 347-480V	DC - CLEAR LENS DF - FROSTED LENS	RN - NO REFLECTOR RS - SHALLOW RD - DEEP RA - LEXAN RC - CUTOFF	W1 - UMS & UAP W7 - STANDARD W(X) - CUSTOM	MH - HOOK MOUNT MP - PENDANT UMS - UNIVERSAL MOUNT UAP - ADAPTOR PLATE	H0 - General Area H1 - Hazardous