



LED Linear High Bay Light



P/N: RG-LHB-3-165WRAP1C1-abd

Note:

RG= Company name

LHB-3= Product series, LED Linear High Bay Light

165W = Rating Power

R= For marketing purposes

A = LED manufacturer, SMD 2835

P1= (Class P Driver) C1 = Version number a = Housing colors, WH=White b= Sensor, MS or PS or Blank(Motion sensor or PIR sensor)

d= CCT(40=4000K,50=5000K,57=5700K)

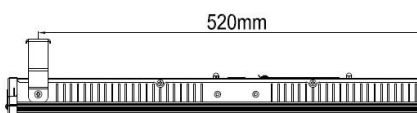
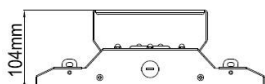
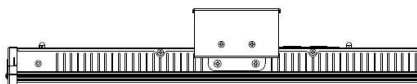
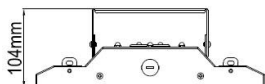
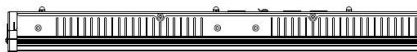
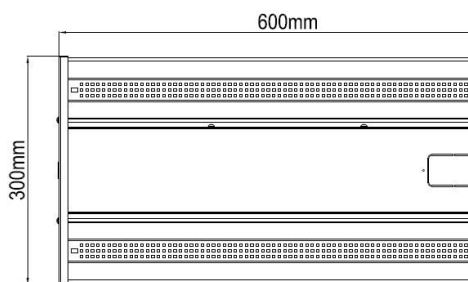
Type A



Type B



DIMENSIONS



ADVANTAGE

- UL certificate.
- Input voltage 100-277VAC. ○ No UV or IR in the beam.
- Easy to install and operate.
- Energy saving, long lifespan.
- Light is soft and uniform, safe to eyes.
- Instant start, NO flickering, NO humming. ○ Green and eco-friendly without mercury.
- Output constant current lever can be adjusted through output cable with 1-10V.

*The product can not be connected to a dimming device when it's equipped with Motion Sensor.

APPLICATION

- Warehouse, factory and workshops;
- Exhibition hall and supermarkets, etc.

SPECIFICATIONS

OPTICAL	Input Power	165W
	Lumen	24500-25200LM
	Lumen Efficacy	145-153LM/W
	Color Temperature	4000K,5000K,5700K
	CRI	>80
	Viewing Angle	110 Degree
ELECTRICAL	Input Voltage	100-277VAC 50/60Hz
	PF	.9
	THD	<12 %
	Driver Model	Rugged Grade Brand Driver
	Optional Accessory	Motion Sensor, PIR Sensor, Emergency/20W
	LED Type	SMD2835 (0.5W)
	LED QTY	504 PCS
	Heat sink materials	Aluminum Alloy
	Housing Color	White, Other color
	Waterproof Rating	DAMP / IP 64
OTHERS	Operating Temperature	-20°C TO 50°C
	Operating Humidity	20%-90% RH
	Storage Temperature	-30°C TO 80°C
	Storage Humidity	10%-95% RH
	Warranty Time	5 Years

DLC Premium 4.3 Listed

Model# RG-LHB-3-165WRAP1C1-a[MS;PS,Blank]50

Manufacturer: RuggedGrade
Brand: RuggedGrade
Technical Requirements Version: 4.3
Date Qualified: 10/25/2018
Product ID: PLZELB3N2T29

Categorization

Main: Indoor Luminaires
General Application: High-Bay
Primary Use: High-Bay Luminaires for Commercial and Industrial Buildings

Classification: Premium
Is Parent Product: No
DLC Family Code: VVVXGQ
Listing Status: Listed

Reported Data

Zonal Lumens

Spacing Criteria

Product Features

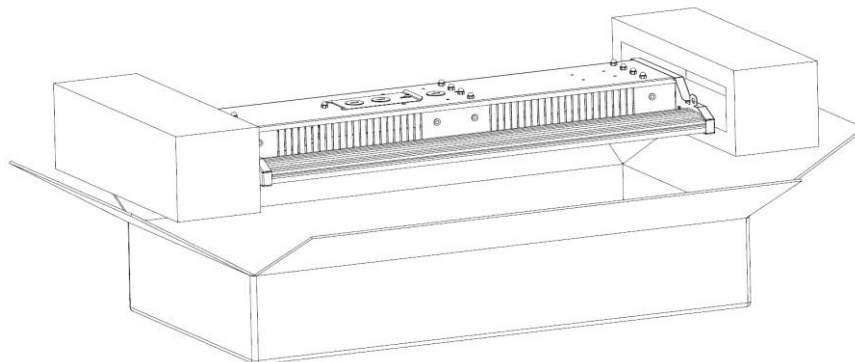
Version History

Family Data

Light Output: 25045 lm
Wattage: 165.41 W
Efficacy: 151.41 lm/W
Power Factor: 0.9
CCT: 5000 K
CRI: 80
Total Harmonic Distortion: 15 %

PACKAGE

	Size	Qty / Carton	Net Weight / Carton	Gross Weight / Carton
Outer box	660*360*120 MM	1 PC	3.7 KG	4.7 KG
Outer box(Emergency)	660*360*170 MM	1 PC	5.1 KG	6.3 KG

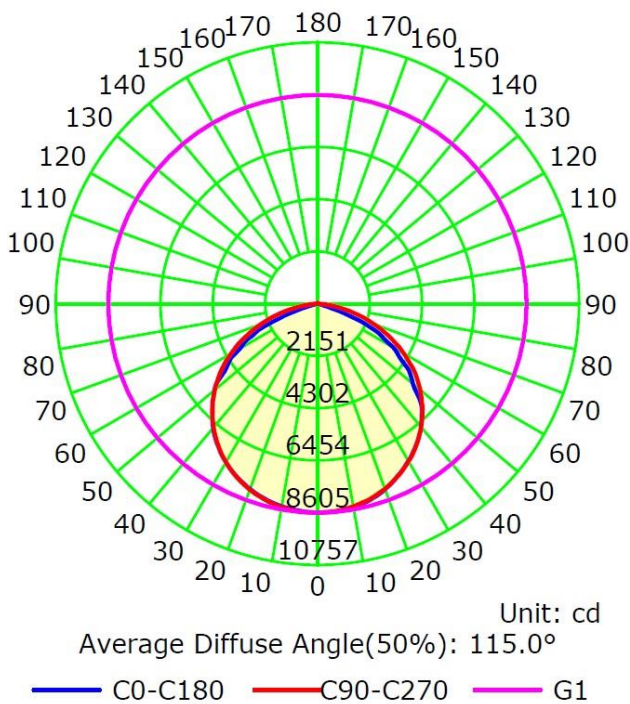


LIGHT DISTRIBUTION TESTING PARAMETERS

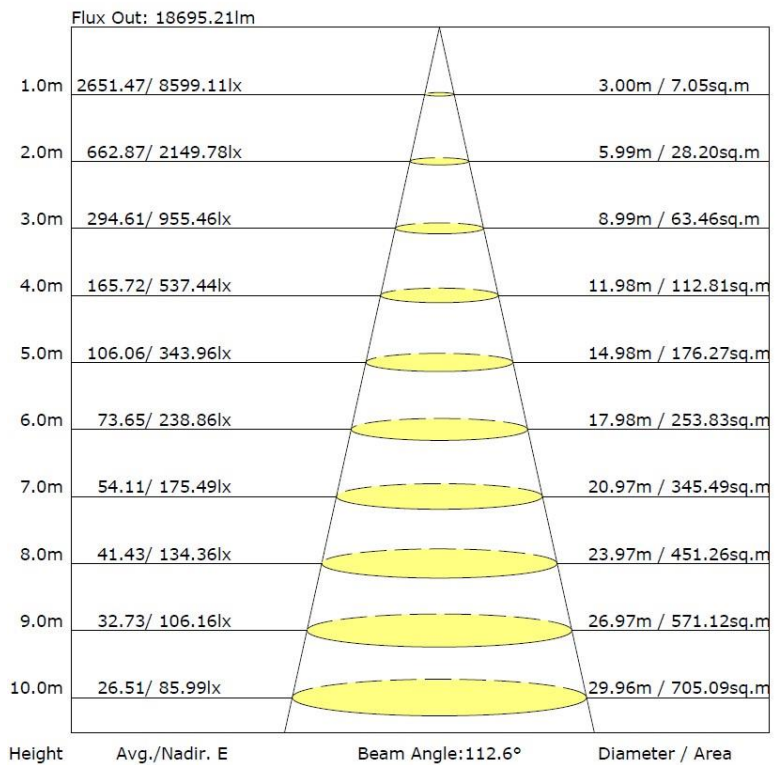
Photometric Results

CIE Class: Direct	Total Rated Lamp Lumens: 24622.0 lm
Measurement Flux: 24622 lm	Efficiency: 100%
Downward Ratio: 99%	Upward Ratio: 1%
Horizontal Diffuse Angle(10%,50%): H143.3,H112.6	
Vertical Diffuse Angle(10%,50%): V160.4,V117.4	
Luminaire Efficacy Rating (LER): 148.76	Central Intensity: 8599.11 cd
Max. Intensity: 8605.85 cd	Pos of Max. Intensity: H135 V1
S/MH(C0/C180): 1.30	S/MH(C90/C270): 1.30

Luminous Intensity Distribution Curve



The Average Illuminance Effective Figure



NOTICE FOR USER

- Please turn off power before install or change assembly parts.
- The input voltage and lamps should be matched, after connecting the power line, Please make sure the wiring section is insulated.
- No-professionals, must not install and disassemble the lamps.

TROUBLE SHOOTINGS

Troubles	Check points
Flickering of the light	Turn off the power and turn on again in 3 minutes. If same phenomena occur, then call agencies.
Out of working	Please check the connection.

