



Client:	
Order #:	
Project:	
Type:	

**DESCRIPTION**

Introducing the RTL B Series, a robust low bay vapor-tight luminaire crafted with a durable two-piece die-cast aluminum housing, departing from conventional plastic and fiberglass designs. Ideal for diverse settings, from warehouses to factories, this luminaire boasts integral heat sink fins that utilize conductive and convective cooling for superior thermal management. With the LED driver strategically mounted for extended longevity and lower operating temperatures, the RTL B Series ensures not only increased energy savings but also a reduction in maintenance costs. Elevate your lighting solution with this heavy-duty luminaire, designed for durability and efficiency.

**FEATURES**

- HOUSING  
The industrial-strength two piece die-cast aluminum housing contains integral heat sink fins for optimal thermal management. The LED driver is mounted in direct contact to the casting for low operating temperature and longevity.
- AMBIENT TEMPERATURE  
Suitable for use in -40°C to +45°C (-40°F to 113°F)
- MOUNTING  
Surface or chain mounting (accessories not included). Recommended mounting height between 10-20 ft.
- EFFICACY  
Up to 137 lumens per watt (see individual wattage data)
- CCT AND CRI  
4000K and 5000K CCT available; 80 CRI LENS Low Bay distribution
- ELECTRICAL  
Standard 120-277V with 50/60Hz operation. Standard 0-10V dimming.
- FINISH  
White Polyester Powder finish
- LIFESPAN  
100,000 hours based on LM-80 results (temperature 25°C)

**PERFORMANCE DATA**

<b>CRI</b>	80+
<b>CCT</b>	4000K, 5000K
<b>Projected Lifetime</b>	>100,000 Hours (L70)
<b>Dimming</b>	0-10V Dimming Standard, 10% down to 100%
<b>Operating Temperature</b>	-40°C to +45°C Ambient
<b>Warranty</b>	5 year Standard 10 year Optional

**ORDERING INFORMATION**

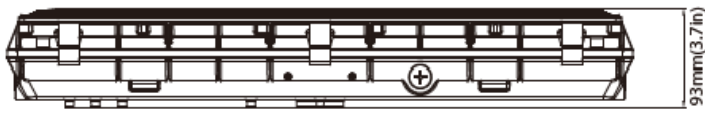
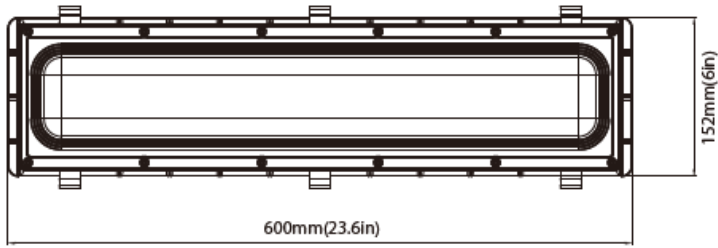
<b>RTL B</b>						
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	B	C	D	E	F	G
<b>A</b>	<b>FIXTURE SERIES</b>		<b>C</b>		<b>F</b>	
	RTL B	LED VAPOR TIGHT luminaire	<b>CCT</b>		<b>OPTIONS</b>	
			40	4000K	EL	Emergency Backup Kit
<b>B</b>	<b>WATTAGE/LUMENS</b>		50	5000K	VLB	V-hook
	45	45W/6000 <sup>1</sup>	<b>D</b>		SE	Sensor
	70	70W/9400 <sup>1</sup>	<b>VOLTAGE</b>		<b>G</b>	
	95	95W/13000 <sup>1</sup>	U	120-277V	<b>WARRANTY<sup>2</sup></b>	
			<b>E</b>		-	5 Year Warranty
			<b>FINISH</b>		10	10 Year Warranty
			WH	White	10L	10 Year Warranty including labor

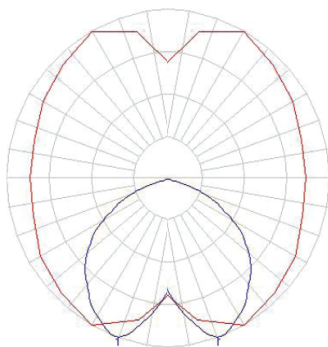
<sup>1</sup>Delivered Lumens (5000K)  
<sup>2</sup> 5 Year Warranty is Standard unless specified



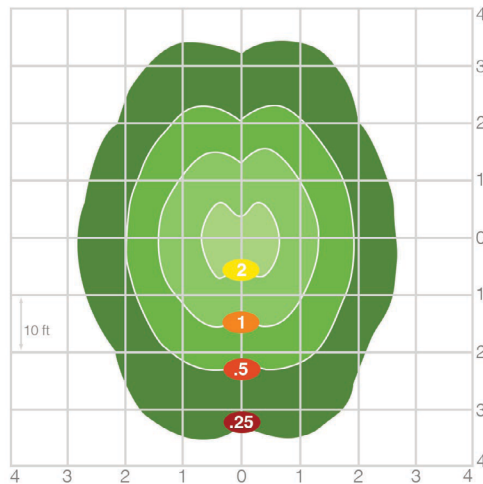
**DIMENSIONS**



**PHOTOMETRIC DATA**



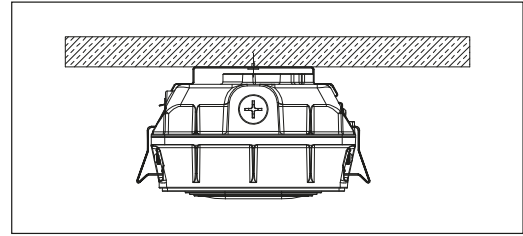
Low Bay  
**Horizontal Beam Angle: 112.5**  
**Vertical Beam Angle: 91.3**



**RTLB**

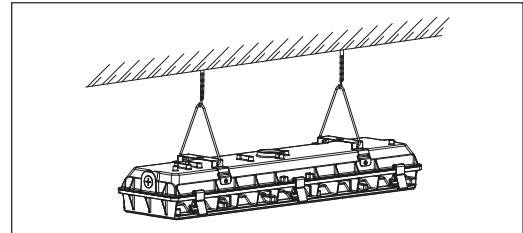
### SURFACE MOUNT (DEFAULT SETTING)

Connect wires (voltage to black, white to common, and green to ground);  
Secure the led module to the housing and fasten six latches, ensuring water does not enter fixture.



### V-HOOK MOUNTING

1. Put the mounting bracket on the housing, tighten it with screws.
2. Fasten the V hook hang it with the chain.



### MOUNTING OPTION



**Housing**  
Two die-cast aluminum separable structures are fixed by elastic sheets.

**Mounting kit**  
Default bracket for surface mounting and optional V hook for pendent mounting.

**3/4 inch threaded hole**  
Support wires coming from the hole for easier wire connections.

**Heat Dissipation Through Hole**  
Let air convect to remove heat rapidly. Isolated from the heat source of the power box to achieve longer life.

**Photometry**  
Parking garage and low bay photometry for selection.