

LED Bulkheads

Wall or ceiling mounted • Wet location listed



Description:

One-Light 9-1/2" LED Wall or Ceiling Bulkhead. General purpose LED luminaire comprised of a die-cast aluminum frame and polycarbonate diffuser. Fixtures are impact resistant and can be mounted on wall or ceiling. Replaceable LED module. Black finish.

Specifications:

- Black (-31) (powder coat paint)
- Aluminum Construction
- White polycarbonate diffuser
- LED Module is replaceable (part # 93053641;)
- Robust and energy efficient.
- Offers various mounting options.
- Can be widely adapted for indoor and outdoor applications.
- Meets California Title 24 high efficacy requirements for outdoor use only.
- 1,211 lumens 71.2 lumens/watt per module (source)
- 3000K color temperature, 90+ CRI.
- Dimmable to 10% brightness (See Dimming Notes)
- Unit covers a standard 4" octagonal recessed outlet box
- Mounting strap for outlet box included
- 6" of wire supplied
- ENERGY STAR® qualified
- Meets California Title 24 high efficacy requirements for outdoor use only

Performance:

Number of Modules	1
Input Power	17w
Input Voltage	120 V
Input Frequency	60 Hz
Lumens/LPW (Source)	1211/71.2 (LM-82)
Lumens/LPW (Delivered)	1107/64.4 (LM-79)
CCT	3000 K
CRI	90 CRI
Life (hours)	60,000 (L70/TM-21)
FCC	Meets FCC Title 47, Part 15 Class B
Min. Start Temp	-30 °C
Max. Operating Temp	30 °C
Warranty	5 year warranty
Labels	cCSAus Wet location listed
	ENERGY STAR® qualified
	Meets California Title 24 high efficacy requirements for outdoor use only

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Images:



Dimensions:

Diameter: 9-1/2"
 Depth: 4-1/2"
 Height: 9-1/2"
 H/CTR: 4-9/16"

Glass
 Width: 9-3/16"
 Length: 9-3/16"
 Height: 3-5/8"

Photometrics:

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ELECTRICAL DATA	P3648-3130K9
Input Voltage	120 V
Input Frequency	60 Hz
Input Current	0.142 A
Input Power	17
Power Factor	Greater than 0.90
THD	<20%
FCC	Meets FCC Title 47, Part 15 Class B
Operating Temperature	-30 °C to 30 °C
Dimming	Yes*

*See Dimming Notes for more information

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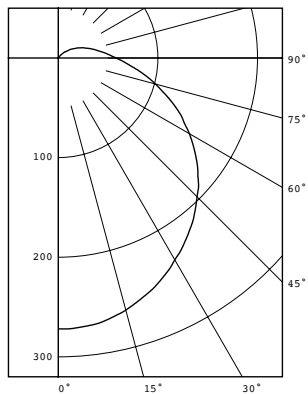
LED Light Engine: 3000 K 90 CRI
System Wattage: 17
Fixture delivered lumens: 1107
Fixture Efficacy: 64.4
Spacing Criteria: 1.3

CANDELA DISTRIBUTION

DEG	CANDELA	LUMENS
0	272	
5	271	26
15	262	74
25	245	113
35	223	140
45	197	152
55	168	150
65	136	134
75	101	107
85	70	77
90	58	
95	49	54
105	35	37
115	24	24
125	15	13
135	7	5
145	0	0
155	0	0
165	0	0
175	0	0
180	0	

ZONAL LUMEN SUMMARY

ZONE	LUMENS	%FIXT
0-30	213	19.2
0-40	352	31.8
0-60	655	59.2
0-90	973	87.9
90-120	115	10.4
90-130	128	11.6
90-150	134	12.1
90-180	134	12.1
0-180	1107	100.0



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Dimming Notes:

P3648 is designed to be compatible with many ELV/Reverse Phase controls.

The following is a partial list of known compatible dimmer controls.

Dimming Controls

Lutron	Nova T	NTELV-300
Lutron	Vierti	VTELV-600
Lutron	Maestro	MAELV-600
Lutron	spacer/system	SPSELV-600
Leviton	Renoir II	AWRMG-EAW

Dimming capabilities will vary depending on the dimmer control, load, and circuit installation. Always refer to dimmer manufacturer instructions or a controls specialist for specific requirements.

Dimmer control brand names where identified above are trade names or registered trademarks of each respective company.