

Behavioral Health Downlight: VL-PBD-BH-LED

Sealed 6" Aperture LED Recessed Downlight For Behavioral Health Facilities

- **IP65 Rated**
- **Tamper Resistant Hardware Standard**
- **Polycarbonate Lens Standard**
- **Anti-Ligature Construction**
- **Up to 3400 Lumens Delivered**
- **Dimmable to 1%**
- **B.A.A. Compliant & Made in the USA by a Family Owned US Corporation**



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ORDERING GUIDE

Series	Material	Size	LED Type	CCT/CRI	Voltage	Baffle	Door (Trim)	Optics	Options
VL-PBD-BH	4	8			UNV				
Series	Material	Size	Light Source		Voltage	Baffle	Door (Trim) Finish	Optics	Options
VL-PBD-BH	4 Non-Magnetic	8 8" Housing	LED Type	CCT/CRI	UNV 120V-277V	WB White Grooved Baffle BB Black Grooved Baffle NB Nickel Baffle SR Specular Reflector	WT White Painted Trim ST Polished Stainless Trim	LEX 0.125" Clear Flat Polycarbonate Lens FPL 0.125" Frosted Flat Polycarbonate Lens FAL 0.125" Frosted Flat Acrylic Lens GH85 0.125" Flatt Diffused Polycarbonate With Glare Suppression Distribution	FC Fuse & Holder (One Supplied Per Circuit) EM7 Remote Mount 7W Battery Pack (Specify Input Voltage) PxL* Programmed to User Specified Lumen Value. PxW* Programmed to User Specified Wattage Value. 10KV 10KV Parallel Surge Protection (One Supplied Per Circuit) TPWHT White Painted Torx Tamper-proof Fasteners RFI Supplied with Radio Frequency Interference Filter
			DLM15 1500LM Package DLM20 2000LM Package DLM30 3000LM Package	83 CRI: 830 3000K 835 3500K 840 4000K 850 5000K					
			Note: Lumen packages are nominal, verify actual values on the energy data chart					Note*: LEX option is standard and will be provided when no other option is selected.	
				90+ CRI: 930 3000K 935 3500K 940 4000K					

Ordering Notes, If Applicable

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SPECIFICATIONS

HOUSING: Stainless steel body and spun aluminum housing and plaster frame.

DOOR FRAME: .080" Aluminum or 16Ga stainless steel formed with continuous lens hold-down system. Secured to housing with flush head Torx tamperproof fasteners. TPWHT option provides a tamper proof painted white screw head.

GASKETS: One piece gasket located at interface of door to housing silicone seals the door to the lens.

REFLECTOR: Supplied with a wide variety of baffles and reflectors. See options for availability.

OPTICS: Clear non-prismatic nominal 1/8" thick polycarbonate lens is standard and will be provided when no options are selected. Other options include frosted or glare suppression film overlays. All lenses are mechanically secured and silicone sealed to door frame.

LED: LEDs are available in several lumen configurations as well as 80 & 90 CRI. Up to 3400 Lumens delivered and supplied with an integrated heatsink to maintain thermal efficiency and prolong the life of the light engine.

ELECTRICAL: Integrated constant current static low voltage DC commercially available driver designed specifically for LED array. Driver has 0-10V dimming control to 1%. See options for specified drivers, Lutron controls compatible driver, or other electrical component availability.

INSTALLATION: Four adjustable L-brackets allow for seismic support and secure attachment to metal T-Bars, joists or structural metal framing. Sealed 1/2 inch trade size knockouts for wiring. Suitable for 1, 1.5 and 2 inch T-bar widths as well as drywall or plaster ceilings. Suitable for NON-IC installation.

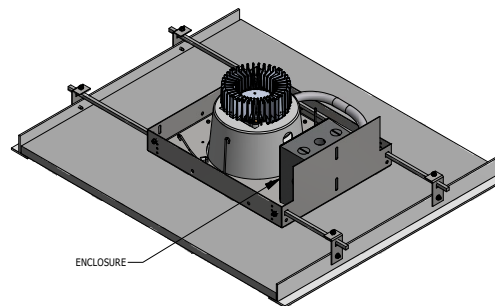
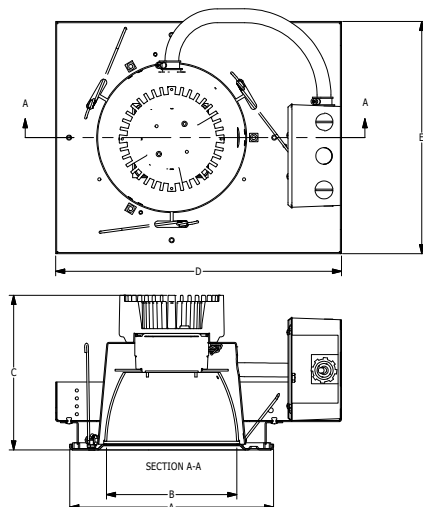
FINISH: Antimicrobial white polyester powder coat on doorframe surface. Stainless steel trims are satin polished.

LISTINGS: ETL Listed for Wet Locations. Suitable for non-IC installation. IP-65 dust and water jet resistance. IBEW Union Label. This product is Buy American Act (B.A.A.) compliant.

5/10 YEAR WARRANTY: The driver(s), LED's and EM packs are covered by a five (5) year warranty. The remaining fixture is covered by a ten (10) year warranty. See warranty statement at kurtzon.com for complete details.

PRODUCT DRAWINGS

DOWNLIGHT REFERENCE DIMENSIONS						
MODEL	DIM A	DIM B	DIM C	DIM D	DIM E	DIM F
SBD/IBD	9.00"	5.75"	6.85"	12.65"	10.25"	26.00"



12-AA-L-DOWNLIGHT DWG DATE: 4/11/2107

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ENERGY DATA

SEALED LED DOWNLIGHT						
LIGHT PACKAGE	CRI	DELIVERED LUMENS (Lm) ¹	WATTAGE (W) ²	EFFICACY (LM/W)	DIMMING AVAILABILITY	MAX AMBIENT TEMP (°C) ³
DLM15	80+	1,536	18	85.3	0-10V 1%	40°C (104°F)
DLM15	90+	1,532	21	73.0	0-10V 1%	40°C (104°F)
DLM20	80+	2,117	21	100.8	0-10V 1%	40°C (104°F)
DLM20	90+	2,047	30	68.2	0-10V 1%	40°C (104°F)
DLM30	80+	3,454	42	82.2	0-10V 1%	40°C (104°F)
DLM30	90+	3,277	51	64.3	0-10V 1%	40°C (104°F)
EM7	NA	440-570Lm	4	NA	0-10V 1%	35°C (95°F)

- 1: DELIVERED LUMEN DATA IS EXTRAPOLATED FROM MEASURED DATA @25C WITH NO EXTRA OPTIONS.
- 2: WATTAGE IS MEASURED @ 120vAC AND Tambient = 25C. WATTAGES MAY VARY AND WHEN OPTIONS ARE SELECTED
- 3: MAX TEMP RATING IS WITH NO OTHER OPTIONS SELECTED.(NON-IC)

PHOTOMETRICS

CLEAR FLAT LENS

