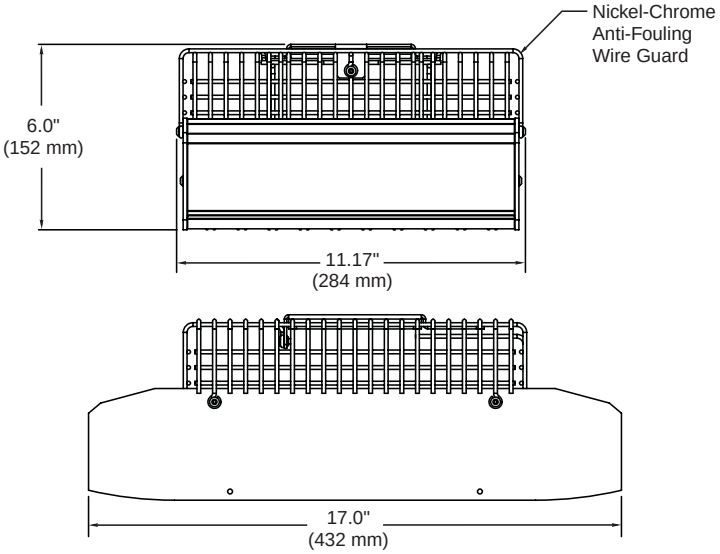
BLD-PKG-T5-DM The Edge™ LED Parking Structure Light

Rev. Date: 08/28/08

Beta Catalog Number: ***BLD - ARE - - DA - - LED-B - - -***

Reset



Notes:

Product Family	*Housing Indicator*	*Optics*	*Mounting*	*Initial Delivered Lumens (00's)*	*LED Performance*	*Voltage*	*Color Options*
BLD	**PKG**	**T5**[1]	**DM**[2]	☐ 034 ☐ 051 ☐ 068 ☐ 085	LED-B	☐ UL (120–277V Universal) ☐ 12 ☐ 27 ☐ 34	☐ SV ☐ BZ ☐ BK ☐ WH ☐ PB

Factory-Installed Options

If choosing more than one option, please type in manually on the lines provided above.

F–Fuse
HL–Hi/Low (175/350/525, dual circuit input)[3-6]
P–Photocell[4]
TL–2-Level (175/525 w/ integrated sensor control)[5,6]
TL1–2-Level (350/700 w/ integrated sensor control)[5,6]
TL2–2-Level (0/350 w/ integrated sensor control)[5-7]
TL3–2-Level (0/525 w/ integrated sensor control)[5,6]
TL4–2-Level (0/700 w/ integrated sensor control)[5,6]
35K–3500k Color Temperature[8]
43K–4300k Color Temperature[8]
525–525mA Drive Current[9]

Footnotes

1-IESNA Type V distribution
2-Direct mount
3-Sensor not included
4-Must specify voltage other than UL
5-Refer to multi level spec sheet for more information
6-Available for 2-5 light bar fixtures
7-May be ordered with 525mA drive current
8-Color temperature per fixture
9-Driver operates at 525mA instead of the standard 350mA providing a higher lumen output and a shorter life
10-Uses five light bar size with blanks used in place of light bars

Output Multipliers

Color Temperature	Lumen Multiplier
6000K (Standard)	1.00
4300K	0.80
3500K	0.75

Ambient Temperature (ºC)	Lumen Multiplier
-20	1.11
10	1.04
25	1.00
40	0.96

Drive Current	Lumen Multiplier	Power Multiplier	L_{70} Life* @ 15ºC (hours)	L_{70} Life* @ 0ºC (hours)	L_{70} Life* @ -20ºC (hours)
175mA	0.60	0.5	> 150,000	> 150,000	> 150,000
350mA (Standard)	1.00	1.0	> 150,000	> 150,000	> 150,000
525mA	1.30	1.5	70,000	110,000	> 150,000
700mA	1.55	2.1	50,000	70,000	115,000

** Refer to LED Ambient spec sheet.*

LED Performance Generation B Specs*

Light Bars	Initial Delivered Lumens – Type V Optic	System Watts 120-277V	System Watts 347-480V
2[10]	3,400 (034)	55	59
3[10]	5,100 (051)	79	84
4[10]	6,800 (068)	104	109
5	8,500 (085)	128	133

** Based on 6000k color temperature fixture operating at 350mA and 25C Ambient.*

BLD-PKG-T5-DM The Edge™ LED Parking Structure Light

Rev. Date: 08/28/08

General Description

Slim, low profile design. Fixture is constructed from rugged extruded aluminum and stamped metal components. LED driver is mounted in extruded aluminum fixture ends and sealed for weather-tight operation. High performance aluminum heatsinks specifically designed for LED parking structure application. Nickel-chrome plated wire guard provides anti-fouling protection from leaf/debris and animal nesting to assure cool LED operation. Mount bracket designed to mount directly over existing single gang and octagonal junction boxes for Direct Mount. Five year limited warranty on fixture.

Electrical

Modular design accommodates varied lighting output from high brightness, white, 6000K (+/- 500k per full fixture), minimum 75 CRI, long life LED sources. 120-277V 50/60 Hz, Class 1 LED drivers are standard. 347-480V 50/60 Hz driver is optional. LED drivers have power factor >90% and THD <20% of full load.

Finish

Exclusive Colorfast DeltaGuard® finish features an E-Coat epoxy primer with an ultra-durable silver powder topcoat, providing excellent resistance to corrosion, ultraviolet degradation and abrasion. Bronze, black, white and platinum bronze powder topcoats are also available. The finish is covered by our 10 year limited warranty.

Labels

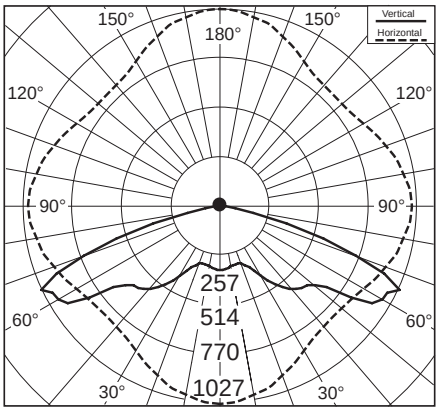
UL listed in the U.S. and Canada for wet locations and enclosure classified IP66 per IEC 529. Fixture also available with CE listing. RoHS compliant.

Patents

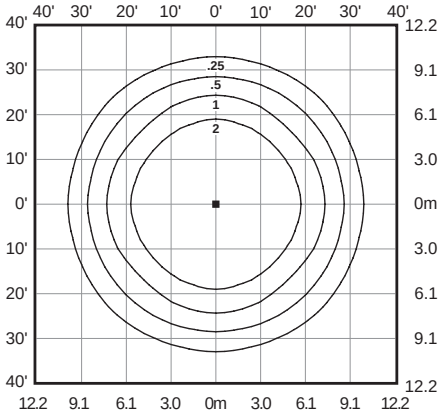
US and international patents pending. Design patents/regs. granted and pending. German 000819743-0002, Australian 318228.

Field-Installed Accessories

Output gains using Generation B LEDs can be achieved by multiplying footcandle levels by 1.06.



Independent Testing Laboratories certified test Report No. 59237. Candlepower distribution curve of 2 light bar Luminaire with 3138 initial delivered lumens.



Isofootcandle plot of 4 light bar Type V LED luminaire at 10' A.F.G. Initial delivered lumens at 6276. Initial FC at grade.