LUMENFOCUS

Project: _____

Location: _____

Cat. #: _____

Type: _____

Quantity: _____

LED

# PBL G2 4W | Premium LED High Bay

## Features:

- High performance LED technology
- 0-10V dimming drivers standard on all models - dimmable to <10% on all models, with most dimmable to 1%
- DALI drivers available based on configuration
- Field replaceable LED boards and drivers through Re-boardABILITY (more info on Page 3)
- Frosted diffusers available to help minimize glare and improve aesthetics
- A wide variety of lumen packages allows for flexibility in design and helps maximize energy savings
- Multiple controls options available
- The PBL G2's unibody design is surface mountable with easy access to the driver compartment from below
- Buy American Act compliant *(All base luminaires are BAA compliant. Addition of options may change eligibility. Contact factory for details)*

## Applications:

Suitable for most commercial, industrial and institutional applications

- Retail
- Warehouse
- Manufacturing
- Cold/Frozen Storage *(cold temperature rules apply. Refer to warranty document at www.lumenfocus.com/support for details)*

## Ambient Operating Temp.:

- -30°C to 50°C for LW, MD, HI outputs
- -30°C to 40°C for VH output

## Construction:

- Housing and LED tray is precision brake formed from aluminum
- Pre-painted with a highly durable, highly reflective white finish

## Certifications:

- UL 1598 listed for US and Canada, suitable for damp locations
- DesignLights Consortium qualified on specific configurations (refer to DLC qualified products list for exact model numbers) http://designlights.org/

## Predicted Lifetime:

- L70: 169,000 hrs (calculated)
- L80: 104,000 hrs (calculated)
- L90: 47,000 hrs (reported)
- 86% lumen maintenance @ 72,000 hrs

*(based on LM-80, TM-21 and in-situ laboratory testing)*

## Warranty:

- 5 year limited system warranty -see www.LumenFocus.com for complete warranty terms and conditions
- 10 year warranty option available on specific models *(Not available on all models. Certain conditions apply. Consult factory or sales representative for details)*

MADE IN USA
USING DOMESTIC AND FOREIGN COMPONENTS

BUY AMERICAN ACT COMPLIANT · BAA

10 YEAR EXTENDED WARRANTY
AVAILABLE ON CERTAIN MODELS



www.lumenfocus.com
880 Facet Rd. | Henderson, NC 27537
252-430-6970

## Ordering Guide:

example: PBL G2 4W HI HE UV 850 QC20

| Series | Length | Output | Performance | Voltage | Shielding | CRI/CCT | Hanging | Controls | Options | Finish |
|---|---|---|---|---|---|---|---|---|---|---|
| PBL G2 | 4W | | | | | | | | | |
| **PBL G2**<br>Gen 2 Premium High Bay | **4W**<br>4' | **LW**<br>Low<br>**MD**<br>Medium<br>**HI**<br>High | **Blank**<br>Standard<br>**HE**<br>High Efficiency (Not available on VH model) | **UV**<br>120-277<br>**34**<br>347V<br>**48**<br>480V | **Blank**<br>No Lenses<br>**FR**<br>Frosted Acrylic Diffusers | **835**<br>80 CRI/3500K<br>**840**<br>80 CRI/4000K<br>**850**<br>80 CRI/5000K | **Blank**<br>None<br>**QC**<br>10' Quick Hang Cable Kit<br>**QC20**<br>20' Quick Hang Cable Kit | **Blank**<br>No Controls<br>**ZOS**<br>Occupancy Sensor (On/Off)<br>**ZOSD**<br>Occupancy Sensor (On/Off/Dim)<br>**ZOFD1**<br>Leviton Bluetooth-enabled Programmable Dimming/ Occupancy/Daylight Harvesting Sensor with Grouping (120-277V)[1]<br>**ZOFDU**<br>Leviton Bluetooth-enabled Programmable Dimming/ Occupancy/Daylight Harvesting Sensor with Grouping, Scheduling (120-480V)[1]<br>**Z221BL_**<br>Wattstopper Programmable Photo/Motion Multi-Voltage Sensor (high/low/off)[2]<br>**Z321BL_**<br>Wattstopper Bluetooth-enabled Programmable Dimming/ Occupancy/Daylight Harvesting Multi-Voltage Sensor [2]<br>**ZOSMHB**<br>Leviton High Bay Microwave 0-10V Multi-Level Occupancy Sensor with Photocell [3]<br>**ZPC**<br>Photocell<br>**ZENLO**<br>Enlighted Ruggedized Sensor with Dimming/Occupancy/ Daylight Harvesting and Enlighted One System[4]<br>**ZENLC**<br>Enlighted Ruggedized Sensor with Dimming/Occupancy/ Daylight Harvesting and Enlighted Connected System[4]<br>**ZENLI**<br>Enlighted Ruggedized Sensor with Dimming/Occupancy/ Daylight Harvesting and Enlighted IoT System[4] | **Blank**<br>No Options<br>**EXT10**<br>10-Year Extended Warranty[5]<br>**C6**<br>6' Single Circuit Cord<br>**C65W**<br>6' Single Circuit Cord with Low Voltage Connections<br>**C10**<br>10' Single Circuit Cord<br>**C105W**<br>10' Single Circuit Cord with Low Voltage Connections<br>**D6**<br>6' Dual Circuit Cord<br>**D10**<br>10' Dual Circuit Cord<br>**P(NEMA)**<br>Plug (Specify NEMA configuration)<br>**SC**<br>Safety Cable<br>**F**<br>Fuse<br>**EM6**<br>6.5W Emergency Pack[6]<br>**EM10**<br>10W Emergency Pack[6]<br>**EM14**<br>14W Emergency Pack[6]<br>**EM20**<br>20W Emergency Pack[6]<br>**SDT(480V)**<br>480V to 277V Step Down Transformer<br>**CC**<br>Conformal Coating<br>**LVL**<br>0-10V Dimming Leads for Easy Field Access<br>**BAA**<br>Buy American Act Compliant | **Blank**<br>White<br>**BK**<br>Matte Black<br>**SL**<br>Metallic Silver |
| | | **VH**<br>Very High | **Blank**<br>Standard | | | | | | | |

## Notes

[1] For 8' to 40' mounting heights. See Page 5 for more details.
[2] "_" = lens type. See Page 5 for lens descriptions.
[3] 120-277V Only. Max ceiling height is 50 feet. See page 5 for more details.
[4] Max ceiling height for Enlighted Ruggedized sensor 50 feet. See Page 6 for more details on advanced controls.
[5] Not available on all models. Certain conditions apply. Consult factory or sales representative for details.
[6] 120-277V / 0°C-55°C ambient. To estimate lumen output in emergency mode, multiply EM wattage by the Lumens per Watt of the luminaire it is installed in.
ex. PBL G2 4W HI UV 850 EM14 → 168.9 LPW x 14W = 2,365 lm

## Accessories *(order separately)*

**WG(PBL4W)** Wire Guard
**WGE(PBL4W)** Extended Wire Guard for use with end-mounted sensor

## Controls Accessories *(order separately)*

**For Enlighted Controls**
WS-2-00 Enlighted Remote Control Wall Switch (for Enlighted Connected & IoT)
WS-2-00-IL Enlighted Remote Control Wall Switch (for Enlighted One)

**For Z221BL_ Sensor**
FSIR-100 Wireless Configuration Tool

**For ZOSMHB Sensor**
ZLS0R Wireless Configuration Tool

## Performance Chart:

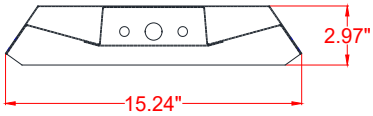
| Catalog # | Lumens | Watts | LPW |
|---|---|---|---|
| PBL G2 4W LW HE UV 835 | 31232 | 181 | 172.8 |
| PBL G2 4W MD HE UV 835 | 35088 | 205 | 170.9 |
| PBL G2 4W HI HE UV 835 | 38922 | 235 | 166.0 |
| PBL G2 4W LW UV 835 | 31480 | 187 | 168.0 |
| PBL G2 4W MD UV 835 | 35346 | 215 | 164.3 |
| PBL G2 4W HI UV 835 | 39908 | 245 | 163.1 |
| PBL G2 4W VH UV 835 | 51939 | 320 | 162.5 |
| PBL G2 4W LW HE UV FR 835 | 29361 | 181 | 162.5 |
| PBL G2 4W MD HE UV FR 835 | 32986 | 205 | 160.7 |
| PBL G2 4W HI HE UV FR 835 | 36590 | 235 | 156.0 |
| PBL G2 4W LW UV FR 835 | 29594 | 187 | 157.9 |
| PBL G2 4W MD UV FR 835 | 33228 | 215 | 154.5 |
| PBL G2 4W HI UV FR 835 | 37643 | 245 | 154.0 |
| PBL G2 4W VH UV FR 835 | 48897 | 320 | 153.0 |

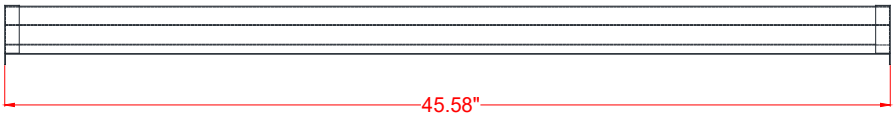
| Catalog # | Lumens | Watts | LPW |
|---|---|---|---|
| PBL G2 4W LW HE UV 840 | 32352 | 181 | 179.0 |
| PBL G2 4W MD HE UV 840 | 36346 | 205 | 177.0 |
| PBL G2 4W HI HE UV 840 | 40317 | 235 | 171.9 |
| PBL G2 4W LW UV 840 | 32609 | 187 | 174.0 |
| PBL G2 4W MD UV 840 | 36613 | 215 | 170.2 |
| PBL G2 4W HI UV 840 | 41339 | 245 | 168.9 |
| PBL G2 4W VH UV 840 | 53801 | 320 | 168.4 |
| PBL G2 4W LW HE UV FR 840 | 30413 | 181 | 168.3 |
| PBL G2 4W MD HE UV FR 840 | 34168 | 205 | 166.4 |
| PBL G2 4W HI HE UV FR 840 | 37902 | 235 | 161.6 |
| PBL G2 4W LW UV FR 840 | 30655 | 187 | 163.6 |
| PBL G2 4W MD UV FR 840 | 34419 | 215 | 160.0 |
| PBL G2 4W HI UV FR 840 | 38992 | 245 | 159.5 |
| PBL G2 4W VH UV FR 840 | 50649 | 320 | 158.5 |

| Catalog # | Lumens | Watts | LPW |
|---|---|---|---|
| PBL G2 4W LW HE UV 850 | 32352 | 181 | 179.0 |
| PBL G2 4W MD HE UV 850 | 36346 | 205 | 177.0 |
| PBL G2 4W HI HE UV 850 | 40317 | 235 | 171.9 |
| PBL G2 4W LW UV 850 | 32609 | 187 | 174.0 |
| PBL G2 4W MD UV 850 | 36613 | 215 | 170.2 |
| PBL G2 4W HI UV 850 | 41339 | 245 | 168.9 |
| PBL G2 4W VH UV 850 | 53801 | 320 | 168.4 |
| PBL G2 4W LW HE UV FR 850 | 30413 | 181 | 168.3 |
| PBL G2 4W MD HE UV FR 850 | 34168 | 205 | 166.4 |
| PBL G2 4W HI HE UV FR 850 | 37902 | 235 | 161.6 |
| PBL G2 4W LW UV FR 850 | 30655 | 187 | 163.6 |
| PBL G2 4W MD UV FR 850 | 34419 | 215 | 160.0 |
| PBL G2 4W HI UV FR 850 | 38992 | 245 | 159.5 |
| PBL G2 4W VH UV FR 850 | 50649 | 320 | 158.5 |

Lumen Adjustment Factors: WG: 0.95

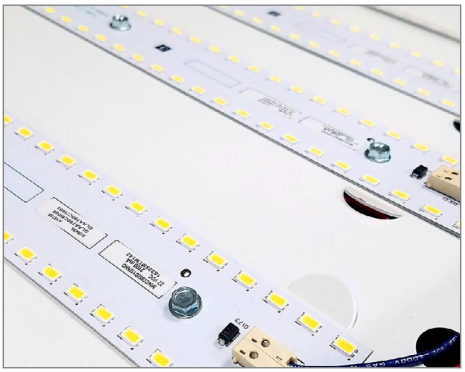
## Schematic:




LUMENFOCUS Re-boardABILITY

The PBL G2 features field replaceable boards and drivers. This allows you to upgrade to more efficient technology in the future. Or, in the rare event of a failure, you can rapidly replace defective components. Re-boardABILITY helps to ensure you won't get stuck with an




Click here for a video demonstration of the re-boarding process on a PBL.
Note: Exact time varies depending on the model.

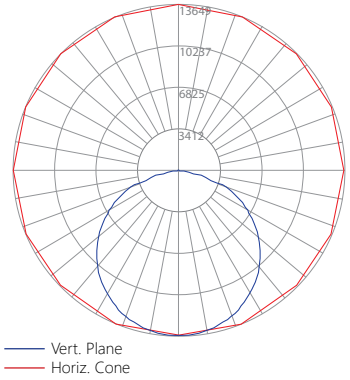
# Photometric Data:

## PBL G2 4W HI UV 835

**Test No.:** LLIA001249-018
**Luminaire Lumens:** 39,908 lm
**Luminaire Watts:** 244.7W
**Efficacy:** 163.1 LPW
**Spacing Criterion (0-180):** 1.30
**Spacing Criterion (90-270):** 1.28

**Luminance Data (cd/sq.m)**

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|---|---|---|---|
| 45 | 30593 | 30291 | 30442 |
| 55 | 29761 | 29618 | 29966 |
| 65 | 27711 | 28055 | 28978 |
| 75 | 23282 | 25736 | 19846 |
| 85 | 11896 | 7965 | 8772 |




**Coefficients Of Utilization - Zonal Cavity Method**
**Effective Floor Cavity Reflectance 0.20**

| RC | | | 80 | | | | 70 | | | | | 50 | | | | 30 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RW | | 70 | 50 | 30 | 10 | | 70 | 50 | 30 | 10 | | 50 | 30 | 10 | | 50 | 30 | 10 |
| | | | | | | | | | | | | | | | | | | |
| 0 | | 119 | 119 | 119 | 119 | | 116 | 116 | 116 | 116 | | 111 | 111 | 111 | | 106 | 106 | 106 |
| 1 | | 109 | 104 | 100 | 96 | | 106 | 102 | 98 | 95 | | 98 | 94 | 92 | | 94 | 91 | 89 |
| 2 | | 99 | 91 | 84 | 78 | | 96 | 89 | 82 | 77 | | 85 | 80 | 75 | | 82 | 77 | 74 |
| 3 | | 90 | 79 | 71 | 65 | | 88 | 78 | 70 | 64 | | 75 | 68 | 63 | | 72 | 67 | 62 |
| 4 | | 82 | 70 | 61 | 55 | | 80 | 69 | 61 | 54 | | 66 | 59 | 53 | | 64 | 58 | 53 |
| 5 | | 76 | 63 | 54 | 47 | | 73 | 61 | 53 | 47 | | 59 | 52 | 46 | | 57 | 51 | 46 |
| 6 | | 70 | 56 | 47 | 41 | | 68 | 55 | 47 | 41 | | 53 | 46 | 40 | | 52 | 45 | 40 |
| 7 | | 65 | 51 | 42 | 36 | | 63 | 50 | 42 | 36 | | 49 | 41 | 35 | | 47 | 40 | 35 |
| 8 | | 60 | 46 | 38 | 32 | | 58 | 46 | 38 | 32 | | 44 | 37 | 32 | | 43 | 36 | 31 |
| 9 | | 56 | 43 | 34 | 29 | | 55 | 42 | 34 | 29 | | 41 | 34 | 28 | | 40 | 33 | 28 |
| 10 | | 53 | 39 | 31 | 26 | | 51 | 39 | 31 | 26 | | 38 | 31 | 26 | | 37 | 30 | 26 |

Tested in accordance with IES standards utilizing absolute photometry per LM-79-08

**Zonal Lumen Summary**

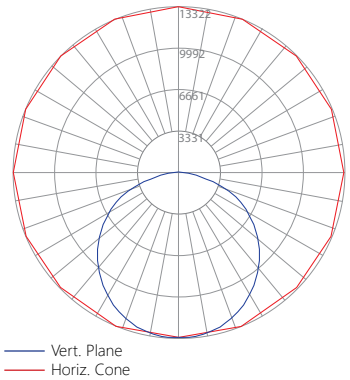
| Zone | Lumens | %Fixt |
|---|---|---|
| 0-20 | 4981.0 | 12.5 |
| 0-30 | 10638.8 | 26.7 |
| 0-40 | 17560.3 | 44.0 |
| 0-60 | 31554.8 | 79.1 |
| 0-80 | 39430.4 | 98.8 |
| 0-90 | 39903.4 | 100.0 |
| 90-120 | 4.9 | 0.0 |
| 90-130 | 4.9 | 0.0 |
| 90-150 | 4.9 | 0.0 |
| 90-180 | 4.9 | 0.0 |
| 0-180 | 39908.3 | 100.0 |

## PBL G2 4W HI UV FR 835

**Test No.:** LLIA001249-017
**Luminaire Lumens:** 37,642 lm
**Luminaire Watts:** 244.5W
**Efficacy:** 154.0 LPW
**Spacing Criterion (0-180):** 1.26
**Spacing Criterion (90-270):** 1.28

**Luminance Data (cd/sq.m)**

| Angle In Degrees | Average 0-Deg | Average 45-Deg | Average 90-Deg |
|---|---|---|---|
| 45 | 26412 | 28093 | 29255 |
| 55 | 23080 | 26980 | 29045 |
| 65 | 18768 | 25886 | 29166 |
| 75 | 14113 | 25596 | 24202 |
| 85 | 9293 | 19679 | 18117 |




**Coefficients Of Utilization - Zonal Cavity Method**
**Effective Floor Cavity Reflectance 0.20**

| RC | | | 80 | | | | 70 | | | | | 50 | | | | 30 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| RW | | 70 | 50 | 30 | 10 | | 70 | 50 | 30 | 10 | | 50 | 30 | 10 | | 50 | 30 | 10 |
| | | | | | | | | | | | | | | | | | | |
| 0 | | 119 | 119 | 119 | 119 | | 116 | 116 | 116 | 116 | | 111 | 111 | 111 | | 106 | 106 | 106 |
| 1 | | 109 | 104 | 99 | 95 | | 106 | 101 | 98 | 94 | | 97 | 94 | 91 | | 93 | 91 | 88 |
| 2 | | 99 | 90 | 83 | 78 | | 96 | 88 | 82 | 77 | | 85 | 79 | 75 | | 82 | 77 | 73 |
| 3 | | 90 | 79 | 71 | 64 | | 87 | 78 | 70 | 64 | | 75 | 68 | 63 | | 72 | 66 | 62 |
| 4 | | 82 | 70 | 61 | 55 | | 80 | 69 | 61 | 54 | | 66 | 59 | 53 | | 64 | 58 | 53 |
| 5 | | 76 | 63 | 54 | 47 | | 74 | 62 | 53 | 47 | | 59 | 52 | 46 | | 57 | 51 | 46 |
| 6 | | 70 | 56 | 47 | 41 | | 68 | 55 | 47 | 41 | | 54 | 46 | 40 | | 52 | 45 | 40 |
| 7 | | 65 | 51 | 42 | 36 | | 63 | 50 | 42 | 36 | | 49 | 41 | 36 | | 47 | 41 | 35 |
| 8 | | 60 | 47 | 38 | 32 | | 59 | 46 | 38 | 32 | | 45 | 37 | 32 | | 43 | 37 | 32 |
| 9 | | 56 | 43 | 35 | 29 | | 55 | 42 | 34 | 29 | | 41 | 34 | 29 | | 40 | 33 | 29 |
| 10 | | 53 | 40 | 32 | 26 | | 52 | 39 | 31 | 26 | | 38 | 31 | 26 | | 37 | 31 | 26 |

Tested in accordance with IES standards utilizing absolute photometry per LM-79-08

**Zonal Lumen Summary**

| Zone | Lumens | %Fixt |
|---|---|---|
| 0-20 | 4849.4 | 12.9 |
| 0-30 | 10293.6 | 27.3 |
| 0-40 | 16834.1 | 44.7 |
| 0-60 | 29545.3 | 78.5 |
| 0-80 | 36824.6 | 97.8 |
| 0-90 | 37618.5 | 99.9 |
| 90-120 | 24.0 | 0.1 |
| 90-130 | 24.0 | 0.1 |
| 90-150 | 24.0 | 0.1 |
| 90-180 | 24.0 | 0.1 |
| 0-180 | 37642.5 | 100.0 |

## Controls Summary:

| Control Code | Type | Capabilities | Communication |
|---|---|---|---|
| ZOS | Motion (PIR) | On/Off | Wired |
| ZOSD | Motion (PIR), Photosensor | On/Low/Off | Wired 1-10V |
| ZOFD1 | Motion (PIR), Daylight Harvesting | High/Low/Off, High-End Trim, Grouping | Wired 0-10V, Programmable via Bluetooth App (iOS, Android) |
| ZOFDU | Motion (PIR), Daylight Harvesting | High/Low/Off, High-End Trim, Grouping, Scheduling | Wired 0-10V, Programmable via Bluetooth App (iOS, Android) |
| Z221BLx | Motion (PIR), Photosensor | High/Low/Off, High-End Trim | Wired 0-10V, Programmable via IR remote (sold separately) |
| Z321BLx | Motion (PIR), Daylight Harvesting | High/Low/Off, High-End Trim | Wired 0-10V, Programmable via Bluetooth App (iOS, Android) |
| ZOSMHB | Motion (Microwave), Photosensor | On/Low/Off | Wired 0-10V, Programmable via ZLS0R IR remote (sold separately) |
| ZPC | Photosensor | On/Off | Wired |
| ZENLO | Motion (PIR), Daylight Harvesting | High/Low/Off, High-End Trim, Grouping, Upgradable to Connected (ZENLC) or IoT (ZENLI) | Wireless Bluetooth Low Energy Mesh, Programmable via Enlighted Room Controller WS-2-00-IL (sold separately) |
| ZENLC | Motion (PIR), Daylight Harvesting | High/Low/Off, High-End Trim, Grouping, Scheduling*, Energy Monitoring*, BMS Integration*, Upgradable to IoT (ZENLI), LLLC (Enlighted IoT)* | Wireless Bluetooth Low Energy Mesh, Programmable via Enlighted IoT Software |
| ZENLI | MoMotion (PIR), Daylight Harvesting | High/Low/Off, High-End Trim, Grouping, Scheduling*, Energy Monitoring*, BMS Integration*, LLLC (Enlighted IoT)*, Space - Building Utilization*, Where - Real Time Location Services* | Wireless Bluetooth Low Energy Mesh, Programmable via Enlighted IoT Software |

LLLC = Luminaire Level Lighting Control
* Additional equipment required. Contact LumenFocus representative for details

# Programmable Dimming Sensors:

## ZOFDx Sensor Option

- Leviton Smart IP66 passive infrared (PIR) sensors
- Features mesh grouping (16 devices per group), occupancy sensing, daylight harvesting, scheduling (for ZOSFDU only), single-level switching
- Comes pre-installed on the end cap
- Rated for cold locations
- Configurable through the Leviton Smart Sensor App using a smartphone or other Bluetooth-enabled iOS or Android device

The ZOFD option includes four sensor lenses that can easily be installed or swapped out in the field. From left: the high bay lens (20'-40' mounting), the high bay lens with aisleway mask, the low bay lens (8'-20' mounting), and the low bay lens with aisleway mask.

**FSP with L7 lens**

**FSIR-100**

## Z221B, Z321B Sensor Options

- The Wattstopper FSP sensor provides multi-level control based on motion and/or daylight contribution
- Comes pre-installed on the end cap
- Rated for cold locations
- Parameters for Bluetooth-enabled Z321B adjustable via phone app - iOS or Android
- Parameters for Z221B adjustable via wireless configuration tool (FSIR-100 - sold separately)
- Three lenses available, tailored for the ideal detection area and mounting height:
  - **L2:** 360º lens, maximum coverage 48', diameter from 8' height
  - **L3:** 360º lens, maximum coverage 40', diameter from 20' height
  - **L7:** 360º lens, maximum coverage 100', diameter from 40' height

## ZOSMHB Sensor Option

- Provides occupancy detection and multi-level control with adjustable time-outs
- Tri-level dimming control
- Comes pre-installed on the end cap
- Suitable for cold storage locations
- Built-in photocell reads brightness values. Sensor does not switch luminaire on if there is suffcient ambient light
- Control parameters selected manually via DIP switches, or using the optional ZLS0R remote (sold separately) - adjustable parameters include sensitivity, hold time, lux level, stand-by light level, stand-by hold time
- Maximum mounting height of 50 feet, with adjustable coverage radius up to 30 feet

**ZLS0R**

## **Enlighted**: All-in-one sensors, upgradeable systems

Enlighted's IP65-rated Ruggedized Sensor is an all-in-one unit: task tuning, high-end trimming, daylight harvesting, and occupancy/vacancy detection. Max installation height is 50 feet.

Enlighted sensors come standard with the Enlighted One system (the "ZENLO" option). Enlighted Connected ("ZENLC") offers even more options. The Enlighted IoT ("ZENLI") option allows the full implementation of Enlighted's services. Each system can be fully upgraded to the next tier in the future. So if you start with Enlighted One but want to add energy reporting or building management systems integration in the future, you can.

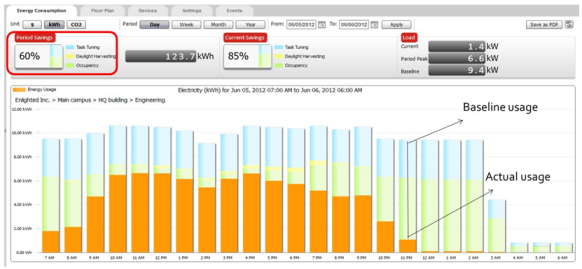
| Enlighted Capabilities* | Enlighted One (ZENLO) | Enlighted Connected (ZENLC) | Enlighted IoT (ZENLI) |
|---|---|---|---|
| Motion and Switch Groups | ✓ | ✓ | ✓ |
| Daylight Harvesting | ✓ | ✓ | ✓ |
| Schedule Lighting | | ✓ | ✓ |
| Energy Reporting & Optimization | | ✓ | ✓ |
| Environment Data & Lighting Controls API | | ✓ | ✓ |
| Building Management System Integration | | ✓ | ✓ |
| Where & Space Applications | | | ✓ |
| Location & Occupancy APIs & Beaconing | | | ✓ |
| Future App & API Ready | | | ✓ |

**Note:** Additional equipment required for ZENLC and ZENLI

## Real-time data analytics

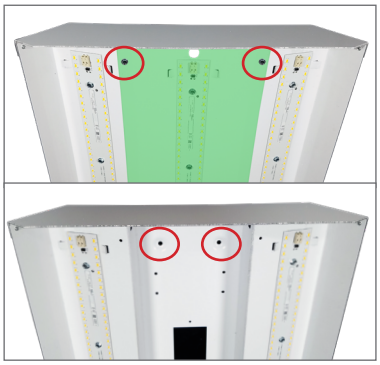
Enlighted's control units compile data in real-time, which can be viewed via the Energy Manager. The Energy Manager is part of the Enlighted Connected and Enlighted IoT configurations.

- Real-time measurements and verification of energy savings
- Space analytics - data can be compiled into motion trails and heat maps
- Analyze traffic density and congestion in a space



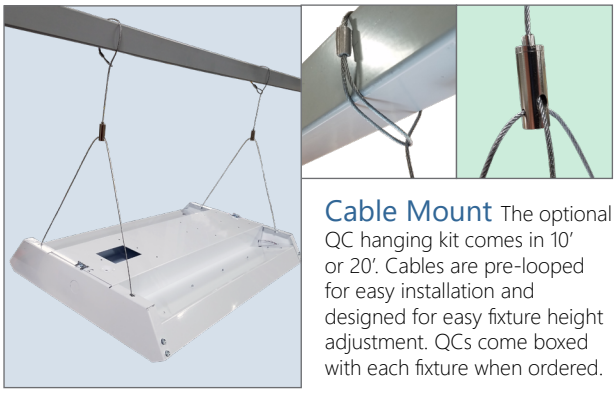

Learn more about our available advanced controls options here:
www.lumenfocus.com/controls-overview

# Mounting:



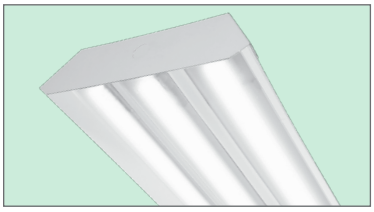
## Surface Mount

The PBL G2 is designed to be easily mounted to any sturdy surface. Simply remove the hex head screws holding the driver cover (top picture, in green) to access the bottom of the housing below. The housing can be mounted to the surface from the four holes in each corner of the channel (bottom picture, circled).



**Cable Mount** The optional QC hanging kit comes in 10' or 20'. Cables are pre-looped for easy installation and designed for easy fixture height adjustment. QCs come boxed with each fixture when ordered.

# Other Options:



**Shielding** Frosted acrylic diffuser lenses minimize glare and improve aesthetics.

**Cords** are available in single circuit or dual circuit, 6' or 10'. Standard plug is optional, as are other NEMA configurations if specified.

## Conformal coating

Grants LED boards added protection from moisture and corrosion in more hazardous environments.

## Finish

In addition to the standard white finish, the PBL G2 is also available in matte black (BK) and metallic silver (SL).