

PLT-H

High Abuse 2x2 Panel Light Luminaire
Lay-In Grid / Pendant Mount / Surface Mount
High Wattage / Low Profile Design

We reserve the right to revise the design or components of any product without notice.

| | | |
|------------------|--|------|
| CATALOG # | | TYPE |
| PROJECT/LOCATION | | |
| APPROVED BY | | |

SPECIFICATIONS

- APPLICATIONS — Airports, Banquet Halls, Car Dealerships, Exhibition Halls, Gymnasiums, Indoor Tennis Courts, Multi-Purpose Rooms, Racquetball Courts.
- COLOR TEMPERATURE — 3000K to 5000K Standard. 130LPW. CRI >80.
- DRIVER — Universal Voltage 120-277V Electronic Driver. 0-10V Dimming is standard.
- EMERGENCY — Optional Emergency Battery Features Indicator Light / Test Button.
- FINISH — Painted White (WH).
- HOUSING — Steel and Aluminum Housing.
- LENS — PMMA Anti-Yellowing Lens. **Tested IK06 Impact Testing according to IEC 62262.2002 and clause 4.13.1 of EN 60598-1:2008+A11.**
- LIGHT ENGINE — Energy Efficient Light Emitting Diode. Non-Flickering.
- MOUNTING — Lay-In Grid Mount is Standard. Optional Pendant or Surface Mount.
- COMPLIANCE — Built to comply with U.S. and Canadian Safety Standards. ETL / DLC Compliant. Indoor Use only.
- WARRANTY — 5-Year Limited Warranty. 50,000hr Lifespan.



ORDERING INFO

| Series | Mounting | LED Wattage | Color | Voltage | Finish | Options |
|--------|----------|-------------|-------|---------|--------|---------|
| | | | | | | |

ORDERING GUIDE:

SERIES

PLT-H = High Abuse Panel Light Series

MOUNTING

SM = Surface Mount (100 Watt Max) — Includes Back Box

GRID = 2x2 Lay-In Grid Mounting — STANDARD

PEND = Ceiling Surface Pendant Mount
 — Provided with: 39" Stem / Lock-Up Bracket / Canopy Cover

LED WATTAGE

LED40 = 40 Watt LED | 5200 Lumens (130lm/W)

LED50 = 50 Watt LED | 6500 Lumens (130lm/W)

LED100 = 100 Watt LED | 13,000 Lumens (130lm/W)

LED150 = 150 Watt LED | 19,500 Lumens (130lm/W)

LED COLOR TEMPERATURE

3K = ±3000K range LED

4K = ±4000K range LED

5K = ±5000K range LED

DRIVER VOLTAGE

UNV = Universal Volt (120-277v) Electronic
 — 0-10V Dimming is standard

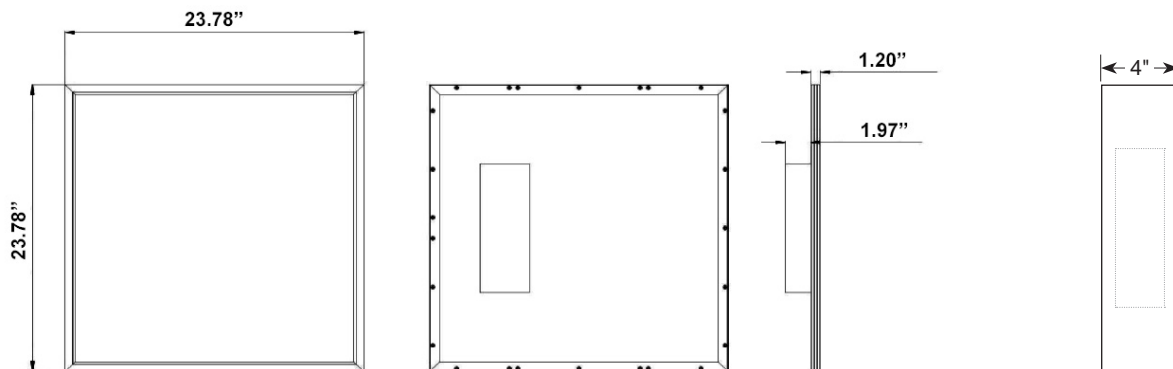
FINISH

WH = White

OPTIONS

- EL = Emergency Battery Light Kit
 - Built-in Li-ion Battery
 - >24hr Charging Time | 180min Emergency Time
 - Indicator Light / Test Button
 - No Flicker / 0-10V Dimming

DIMENSIONS



Surface Mount (SM)
with Back Box

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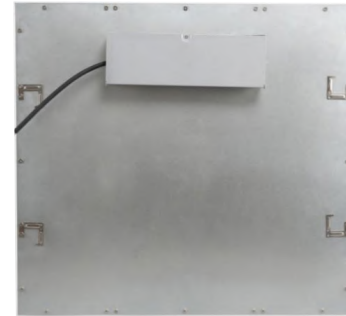
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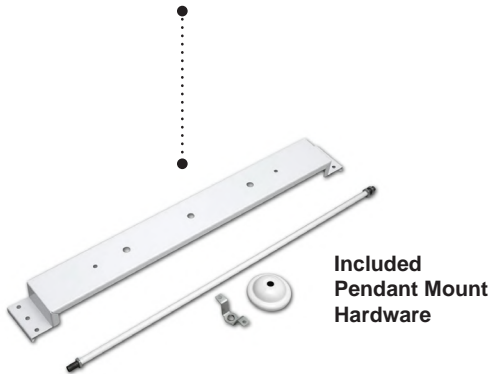
MOUNTING TYPES / FEATURES



(Optional) Pendant Mount



Lay-In Grid Mount Standard
(Backside View)

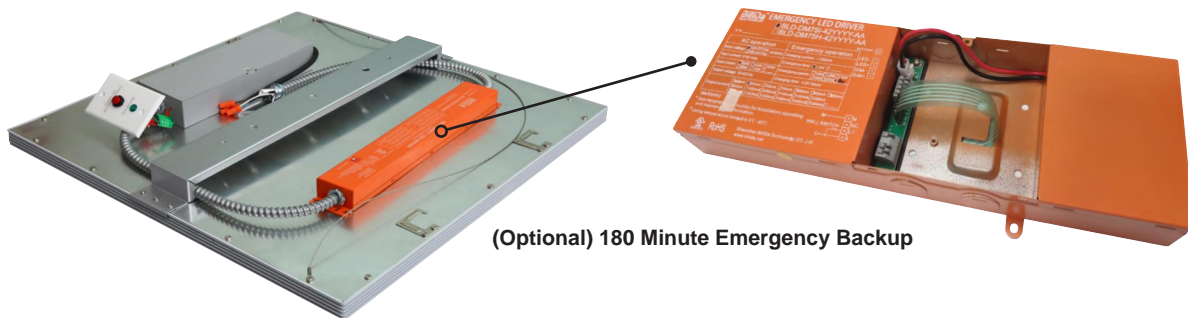


Included
Pendant Mount
Hardware



(Optional) Surface Mount

OPTIONS



(Optional) 180 Minute Emergency Backup

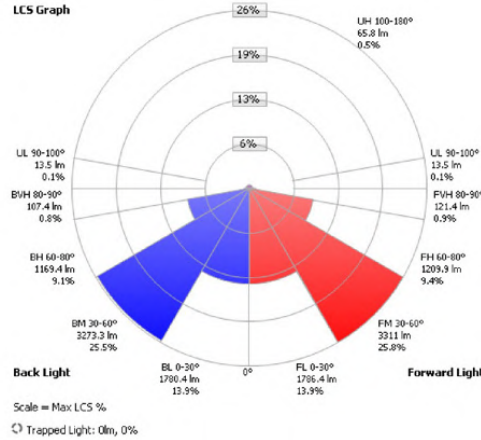
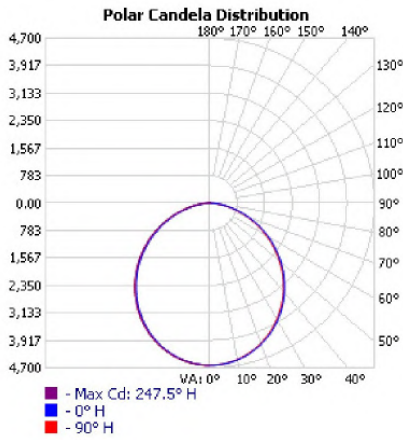
PHOTOMETRIC DATA

Test # **PLTH100W4K**

CATALOGUE #: **PLT-H-PEND-LED100-4K-EBU-WH**

Test Date: 9/29/2018 — Tested in accordance with LM-79-80. The results contained in this summary report pertain only to the tested sample.

| Summary of Results | | | | | | |
|--------------------|----------------|---------------|---------------|-------------------|------------|------------|
| Lamp Output | Lumen Efficacy | Input Voltage | Input Wattage | Distribution Type | Color Temp | BUG Rating |
| 12,838.5 Lumens | 125.3 LPW | 120.0V | 102.47W | Type V - Short | 4000K | B3-U3-G2 |



| LCS Summary | |
|---------------------------|---------|
| Zone | Lumens |
| Forward Low (0-30) | 1,786.4 |
| Forward Medium (30-60) | 3,311.0 |
| Forward High (60-80) | 1,209.9 |
| Forward Very High (80-90) | 121.4 |
| Back Low (0-30) | 1,780.4 |
| Back Medium (30-60) | 3,273.3 |
| Back High (60-80) | 1,169.4 |
| Very High (80-90) | 107.4 |
| Uplight Low (90-100) | 13.5 |
| Uplight High (100-180) | 65.8 |

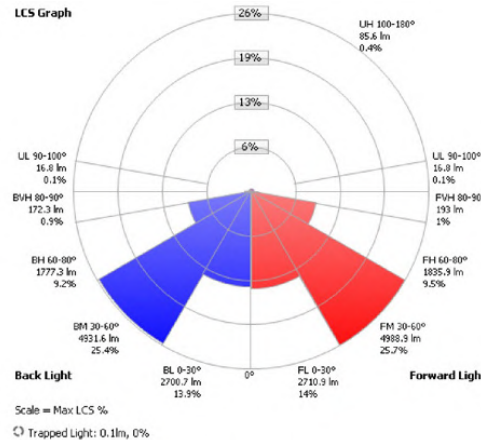
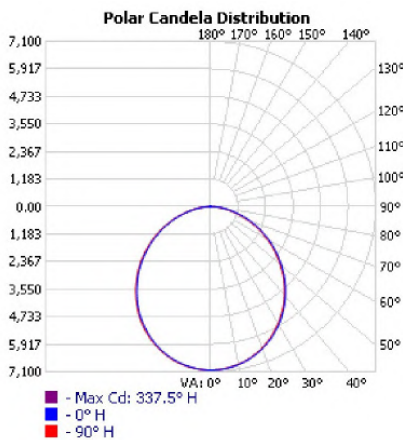
PHOTOMETRIC DATA

Test # **PLTH150W4K**

CATALOGUE #: **PLT-H-PEND-LED150-4K-EBU-WH**

Test Date: 9/29/2018 — Tested in accordance with LM-79-80. The results contained in this summary report pertain only to the tested sample.

| Summary of Results | | | | | | |
|--------------------|----------------|---------------|---------------|-------------------|------------|------------|
| Lamp Output | Lumen Efficacy | Input Voltage | Input Wattage | Distribution Type | Color Temp | BUG Rating |
| 19,413.0 Lumens | 125.7 LPW | 120.0V | 154.39W | Type V - Short | 4000K | B4-U3-G2 |



| LCS Summary | |
|---------------------------|---------|
| Zone | Lumens |
| Forward Low (0-30) | 2,710.9 |
| Forward Medium (30-60) | 4,988.9 |
| Forward High (60-80) | 1,835.9 |
| Forward Very High (80-90) | 193.0 |
| Back Low (0-30) | 2,700.7 |
| Back Medium (30-60) | 4,931.6 |
| Back High (60-80) | 1,777.3 |
| Very High (80-90) | 172.3 |
| Uplight Low (90-100) | 16.8 |
| Uplight High (100-180) | 85.6 |