

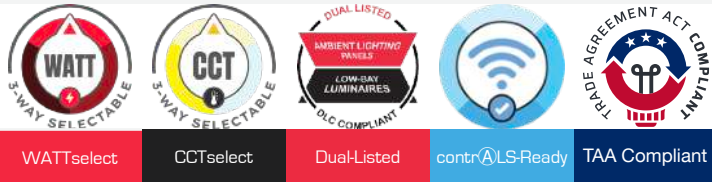
planoARCH PRO

LBLP | proARCH-II

Product Data Sheet

COMMERCIAL-GRADE

Back-Lit Panel



Product Overview

INTENDED USE: The LBLP proARCH-II Series is built for 3-way switchable power and 3-way switchable CCT using dip-switches to choose between multiple wattage and CCT ranges for use in offices, schools, hospitalities and other indoor spaces. proARCH-II Series are NSF-listed and built to withstand the harsh cleaning chemicals and moisture commonly used in foodservice settings, ensuring long-lasting performance. The proARCH-II Series is TAA-compliant, Made in Mexico, which allows for more market utility and broader implementations across commercial and government projects.

ELECTRICAL: The light engine comprises long-lasting, energy-efficient LEDs mounted on an internal aluminum heat sink. This setup improves heat dissipation and extends the product's lifespan. These LEDs maintain 90% of their light output even after 50,000 hours of continuous operation. The intelligent driver delivers superior electrical performance with >0.9 power factor, <25% THD, and flicker-free operation at <5%, ensuring optimal performance and energy efficiency.

OPTICS: Featuring seamless light distribution that is superior to edge-lit panels with higher structural integrity due to its aluminum alloy body and optimized driver integration, the LBLP-Series replaces all your work area lighting needs. Advanced lens technology delivers uniform 120° beam angle distribution with superior efficacy ratings up to 130LM/W, providing consistent illumination across all applications.

WARRANTY: ARCHPELAGO warrants the proARCH-II shall be free from defects in materials and workmanship for a period of 7-Year, 75,000hr from the date of delivery to the enduser, including coverage of light output, color stability, and driver performance.

ARCHPELAGO luminaires and LED components undergo rigorous testing by an independent laboratory to meet IESNA LM-79 and LM-80 standards for light output and lumen maintenance. LED color temperature is warranted to shift no more than 180K over the standard warranty period. Correlated Color Temperature (CCT) follows the guidelines set forth in the American National Standard for Specifications for the Chromaticity of Solid State Lighting (SSL) Products, ANSI C78.377-2017.

Project Details

Project Name: _____ Project Number: _____
 Fixture Schedule: _____ Notes: _____

Applications



Office Space



School



Hospitals



Commercial Buildings

Main Features

- Selectable Wattage and CCT Through Driver-Based Dip-Switches
- Advanced Lens for Superior Non-Fade Luminous Output
- Strengthened Ultra Lightweight 6063 Aluminum Frame
- Microchip Programed Light-Engine for Consistent CCT
- High-Density LED Chips for Uniform Light Output
- Superior Efficacy Up to 130LM/W Performance
- Flicker-Free Operation <5% for Visual Comfort
- 97.8% Lumen Maintenance at 6,000 Hours
- High Power Factor >0.9 for Energy Efficiency
- Low THD <25% for Clean Power Quality
- NSF Listed for Food-Safe Applications
- TAA Compliant, Made in Mexico
- UL Damp Location Listed
- DLC Standard Listed

Product Warranty*











7-Year Warranty



75,000 Hrs

* Standard warranty. Extended warranty available.

Highlights


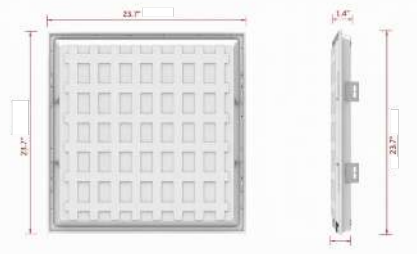

| Features | Description |
|------------------|--|
| 3-CCTselect |  CCT selectable: 3-way dip-switch |
| 3-WATTselect |  Wattage selectable: 3-way dip-switch |
| contrALS-Ready |  Compatible with full sensor ecosystem including range of BLS, ACS, and Silvair |
| DampGuard |  Damp location rated construction ensures reliable performance in moisture-prone areas |
| Dual-Listed |  Maximize your rebates. Choose from Ambient to Low-Bay listings. |
| NSF-listed |  Designed with smooth, easy-to-clean surfaces and shatter-resistant materials, minimizing the risk of contamination from bacteria or broken glass in areas where food is handled. |
| TAA-Compliant |  Made in Mexico. More market utility and broader implementations across commercial and government projects. |
| Limited Warranty |  7-Year Limited Warranty |

Model Specifications

| Model Series | 3-WATTselect | Lumen | 3-CCTselect | Voltage | LPW | Sensor-Ready |
|--------------|-------------------------|-------------------------------------|-------------------------------|----------|-------------|--------------------------------|
| LBLP14 | 20W / 30W / 40W * | 2,200LM / 3,300LM / 4,400LM * | 3500K / 4000K / 5000K * | 120-277V | 110-130LM/W | Yes: Add "/SR" per Order Guide |
| LBLP22 | 20W / 30W / 40W * | 2,200LM / 3,300LM / 4,400LM * | | | | |
| LBLP24 | 30W / 40W / 50W * | 3,300LM / 4,400LM / 5,500LM * | | | | |

* Default settings.

Sizing & Measurements

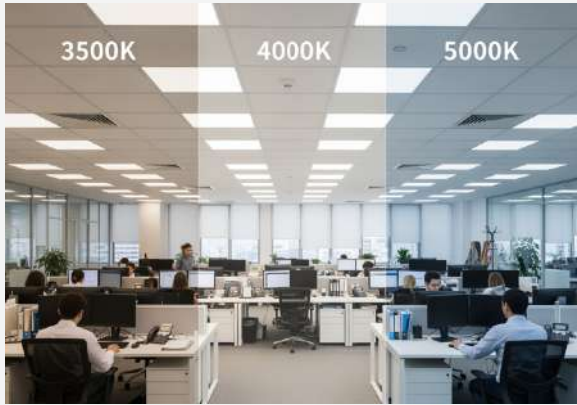
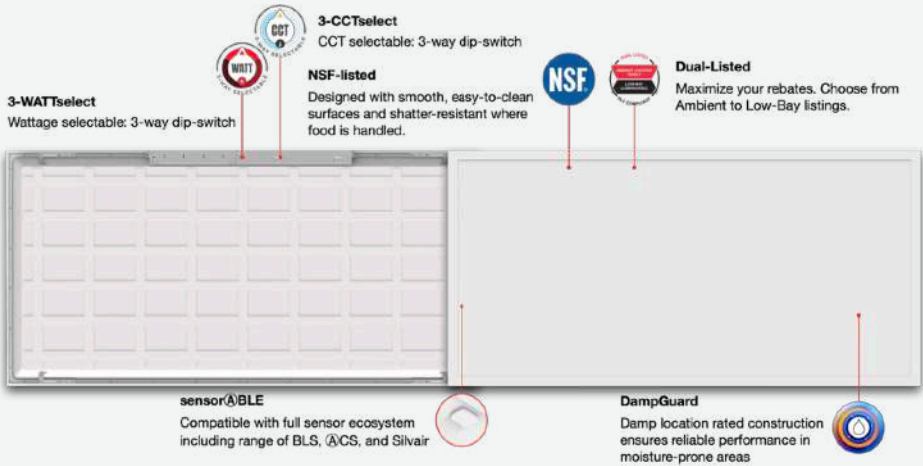
| Sizing | LBLP14 | LBLP22 | LBLP24 |
|--------------|---|--|---|
| Width (in) | 11.9 | 23.7 | 23.7 |
| Length (in) | 47.7 | 23.7 | 47.7 |
| Depth (in) | 1.4 | 1.4 | 1.4 |
| Measurements |  |  |  |

Key Specifications

- **LED Chip:** Lumileds 2835, LM80, IP-Protected
- **Lumen Maintenance:** 97.8% @ 6,000hrs
- **Lightweight Frame:** 6063 Aluminum
- **Dimming:** 0-10V (Dimmable to 10%)
- **Operating Temp:** -1.4°F – 113°F
- **Flicker:** <5% for Visual Comfort
- **IP:** IP40 Indoor Damp Location
- **Starting Time:** <0.5 seconds
- **Efficacy:** Up to 130LM/W
- **Input Voltage:** 120-277V
- **PF:** >0.9 Non-Flicker
- **THD:** <25%
- **CRI:** >80
- **Life Rating:** L90 @ 75,000hrs
- **Beam Angle:** 120° Uniform Distribution

Certifications





Ordering Guide¹

| Model Series | Dimensions [ft] | 3-WATTselect [W] | CCTselect [K] | Series | Sensor Ready | Dedicated Wattage | Dedicated CCT |
|---------------------------|-----------------|-------------------------------|-------------------------------------|--|---|---|--|
| LBLP LED Backlit Panel | 14 1x4 | 3 QuickShip 20W 30W 40W | 3 QuickShip 3500K 4000K 5000K | MXP2 QuickShip Made in Mexico proARCHII | <blank> QuickShip Standard Non-Sensor Ready | <blank> QuickShip Field-Selectable | <blank> QuickShip Field-Selectable |
| | 22 2x2 | 3 QuickShip 20W 30W 40W | | | SR QuickShip Sensor Ready Port | W## Workbench Dedicated Watt, where ## = actual dedicated wattage | C## Workbench Dedicated CCT, where ## = actual dedicated CCT |
| | 24 2x4 | 3 QuickShip 30W 40W 50W | | | | | |
| CATALOG #: | | | | | | | |
| LBLP | | 3 | 3 | MXP2 | / | / | / |

Ordering Example

CATALOG # LBLP24-33MXP2/SR/W50/C35

| | | | | | | | | | | |
|------|-----|-------------|-------------------|-----------|---|-------------------|---|---------------|---|-----------------|
| LBLP | 24 | 3 | 3 | MXP2 | / | SR | / | W50 | / | C35 |
| | 2x4 | 30W/40W/50W | 3500K 4000K 5000K | proARCHII | | Sensor Ready Port | | Dedicated 50W | | Dedicated 3500K |

Compatible Accessories Guide

Mounting Accessories

| constANT Power/Emergency | contrΔLS Occupancy Sensors | Flange Kit | Surface Mount | Suspension Kit |
|-----------------------------|---|-------------------------|---------------------------------|---|
| EM08 8W BBU QuickShip | BLS Bi-Level Occupancy Sensor QuickShip | F14 1x4 QuickShip | S14 Pendant Kit QuickShip | SUSPN06 Set of 4-aircraft cables, standard length = 6FT QuickShip |
| | ACS By ΔCS: NLC-Listed QuickShip | F22 2x2 QuickShip | S22 Surface Kit QuickShip | SUSPN## Set of 4-aircraft cables, where ## = length of aircraft cables in FT. QuickShip |
| | NLC By SILVAIR QuickShip | F24 2x4 QuickShip | S24 2x4 QuickShip | |

OPTIONAL ACCESSORIES #:


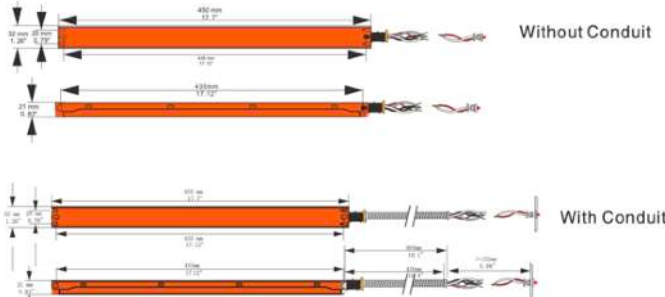
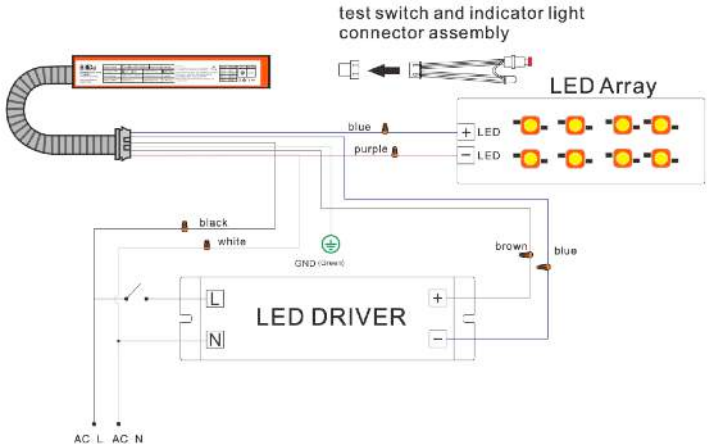
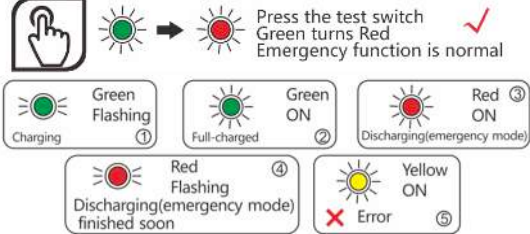
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|--|---|--|---|--|---|--|---|--|---|--|
| | / | | / | | / | | / | | / | |
|--|---|--|---|--|---|--|---|--|---|--|

NOTE:
 1. Only one selection may be applicable within the same category.
 2. Multiple selections may be applicable within the same option category. See Compatible Accessories below for details.

Mounting Accessories

| Category | Dimensions | | Ordering Code | Model No. | Description |
|--|------------|--|----------------------------------|--|--|
| <p>Flange Kit</p> <p>Highlights:</p> <ul style="list-style-type: none"> Made of high-grade 6063 aluminum alloy construction White powder-coated finish for durability and aesthetics Easily convert recessed LED panel to surface mount application Available in 1'x4' (F14), 2'x2' (F22), 2'x4' (F24) | | | <p>F14</p> <p>F22</p> <p>F24</p> | <p>plano-M/F14</p> <p>plano-M/F22</p> <p>plano-M/F24</p> | <p>Flange Kit 1x4</p> <p>Flange Kit 2x2</p> <p>Flange Kit 2x4</p> |
| <p>Surface Mount Kit</p> <p>Highlights:</p> <ul style="list-style-type: none"> Made of high-grade 6063 aluminum alloy construction White powder-coated finish for durability and aesthetics Easily convert recessed LED panel to surface mount application Available in 1'x4' (S14), 2'x2' (S22), 2'x4' (S24) | | | <p>S14</p> <p>S22</p> <p>S24</p> | <p>plano-M/S14</p> <p>plano-M/S22</p> <p>plano-M/S24</p> | <p>Surface Mount Kit 1x4</p> <p>Surface Mount Kit 2x2</p> <p>Surface Mount Kit 2x4</p> |
| <p>Suspension Kit</p> <p>Highlights:</p> <ul style="list-style-type: none"> Made of high-grade stainless steel Cable diameter is 1/16 inch Factory fitted with die-cast zinc, swaged aluminum or swaged copper terminals | | | <p>SUSPN06</p> <p>SUSPN##</p> | <p>SUSPN06</p> <p>SUSPN##</p> | <p>Suspension Kit 6FT</p> <p>Suspension Kit Custom Length (## in FT)</p> |

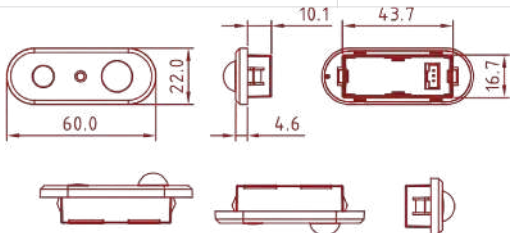
constANT | Power/Emergency

| Category | Ordering Code | Model No. | Description | Specification | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-------------------------------|--|---------------|-----------------------|--|------------------|---------------|-------------------|------------------|----------------------------|---------------------|----------------------------|-----------|--------------------------|----------|---------------------|-------|--------------------|---------|--------------------------|-------|-----------------------|---------|----------------------------|--|-----------------------------|--------------------------------|---------------------|--------|-----------------------|-----------|-------------------------|------------|--------------------------|--------------|----------------------------|-----------|-------------------------------|-----------------|------------------|--|-----------------|---------|--------------------|---|
| Battery Backup |  EM08 | EM08-YTB/56DC | 8W 56Vdc Max Output | <table border="1"> <tr> <td>Model No.</td> <td>EM08-YTB/60DC</td> </tr> <tr> <td>Product ID</td> <td>BLD-YT08E-XXL-8W</td> </tr> <tr> <td>Rated Input Voltage</td> <td>100-347Vac, 50/60Hz</td> </tr> <tr> <td>Rated Input Current</td> <td>100mA Max</td> </tr> <tr> <td>Rated Input Power</td> <td>6.0W Max</td> </tr> <tr> <td>Power Factor</td> <td>>0.80</td> </tr> <tr> <td>Charge Time</td> <td>24hours</td> </tr> <tr> <td>Emergency Standby</td> <td>90min</td> </tr> <tr> <td>Charge Current</td> <td>0-250mA</td> </tr> <tr> <td>Battery Information</td> <td>High-Temperature, Maintenance-Free Ni-MH battery</td> </tr> <tr> <td>Output Voltage Range</td> <td>320-600mA, DC 25-48V (Class 2)</td> </tr> <tr> <td>Output Power</td> <td>8W Max</td> </tr> <tr> <td>Output Current</td> <td>AC 4A Max</td> </tr> <tr> <td>Max. Application</td> <td>150W or 4A</td> </tr> <tr> <td>Ambient Operating</td> <td>41°F – 122°F</td> </tr> <tr> <td>Storage Temperature</td> <td>158°F Max</td> </tr> <tr> <td>Charge Discharge Cycle</td> <td>500 Full Cycles</td> </tr> <tr> <td>Approvals</td> <td>UL Listed, Class 2, Damp & Dry Locations, CEC Title 20 Standards, RoHS</td> </tr> <tr> <td>Warranty</td> <td>5-Years</td> </tr> <tr> <td>Protections</td> <td>- Input over current protection - Output over voltage protection - Output under current protection - Output short circuit protection</td> </tr> </table> | Model No. | EM08-YTB/60DC | Product ID | BLD-YT08E-XXL-8W | Rated Input Voltage | 100-347Vac, 50/60Hz | Rated Input Current | 100mA Max | Rated Input Power | 6.0W Max | Power Factor | >0.80 | Charge Time | 24hours | Emergency Standby | 90min | Charge Current | 0-250mA | Battery Information | High-Temperature, Maintenance-Free Ni-MH battery | Output Voltage Range | 320-600mA, DC 25-48V (Class 2) | Output Power | 8W Max | Output Current | AC 4A Max | Max. Application | 150W or 4A | Ambient Operating | 41°F – 122°F | Storage Temperature | 158°F Max | Charge Discharge Cycle | 500 Full Cycles | Approvals | UL Listed, Class 2, Damp & Dry Locations, CEC Title 20 Standards, RoHS | Warranty | 5-Years | Protections | - Input over current protection - Output over voltage protection - Output under current protection - Output short circuit protection |
| Model No. | EM08-YTB/60DC | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Product ID | BLD-YT08E-XXL-8W | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rated Input Voltage | 100-347Vac, 50/60Hz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rated Input Current | 100mA Max | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Rated Input Power | 6.0W Max | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Power Factor | >0.80 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Charge Time | 24hours | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Emergency Standby | 90min | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Charge Current | 0-250mA | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Battery Information | High-Temperature, Maintenance-Free Ni-MH battery | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Output Voltage Range | 320-600mA, DC 25-48V (Class 2) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Output Power | 8W Max | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Output Current | AC 4A Max | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Max. Application | 150W or 4A | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Ambient Operating | 41°F – 122°F | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Storage Temperature | 158°F Max | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Charge Discharge Cycle | 500 Full Cycles | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Approvals | UL Listed, Class 2, Damp & Dry Locations, CEC Title 20 Standards, RoHS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Warranty | 5-Years | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Protections | - Input over current protection - Output over voltage protection - Output under current protection - Output short circuit protection | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dimension: | <p>17.7"x1.26"x0.83"(450mmx32mmx21mm)</p>  <p>Without Conduit</p> <p>With Conduit</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wiring Diagram: |  <p>test switch and indicator light connector assembly</p> <p>LED Array</p> <p>LED DRIVER</p> <p>AC L AC N</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Test Button Statuses: |  <p>Press the test switch Green turns Red Emergency function is normal</p> <p>Green Flashing ① Charging</p> <p>Green ON ② Full-charged</p> <p>Red ON ③ Discharging(emergency mode)</p> <p>Red Flashing ④ Discharging(emergency mode) finished soon</p> <p>Yellow ON ⑤ Error</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

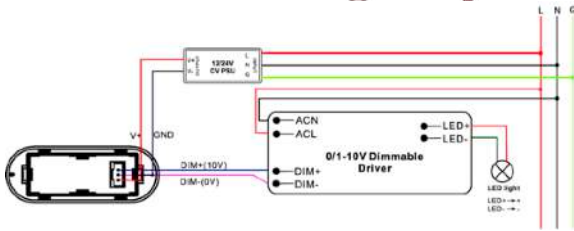
contrALS | Occupancy Sensors

| Category | Ordering Code | Model No. | Detection Pattern |
|------------|---------------|-------------------|--|
| Bi-Level | MSP/ACS | MSP-HTI/08P1/BLS | |
| By ACS | MSP/ACS | MSP-SRI/903P1/ACS | <p>The detection area for movement can be roughly divided into two parts:</p> <ul style="list-style-type: none"> Slow movement (person moving <math>1.0/s</math> or <math>0.3m/s</math>) Quick movement (person moving > <math>1.3/s</math> or <math>0.4m/s</math>) |
| By SILVAIR | MSP/NLC | MSP-SRI/903P1/NLC | |

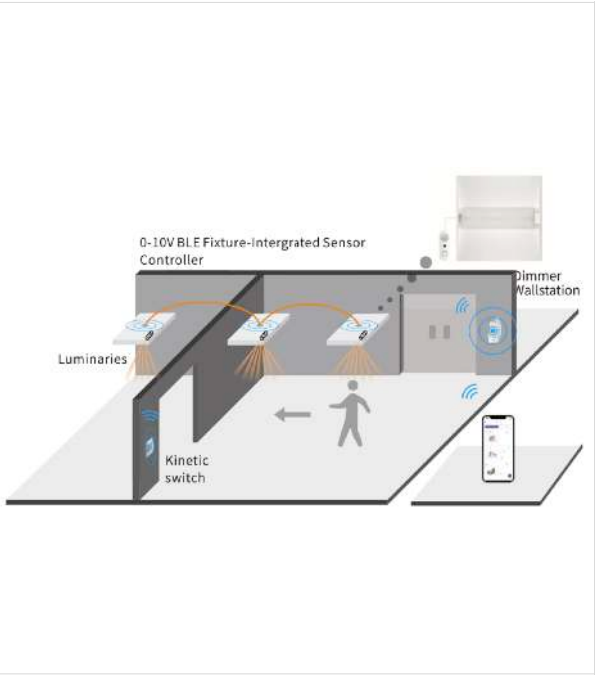
Dimensions:



Wiring:



contrALS by ACS



contrALS by ACS
Scan the QR code to download the ACS app:

What is in the Box?

| LBLP proARCH-II | Installation Guide | Packaging |
|-------------------|--------------------|-----------|
| | | |