

EDGE EX41

4" Suspended Indirect Linear

Key Features

- 6063-T6 Extruded aluminum housing
- Highly reflective = white painted reflector
- Room side maintenance for LED system
- 5-year limited warranty covers LED, driver and fixture
- ETL Listed conforming to UL1598 in US and CSA 250 in Canada
- Approved for dry/damp location unless otherwise noted
- Maximum weight is 20 lbs. for a standard 4' fixture
- Buy American Act compliant
- Run lengths Available to an 1/8"
- Indigo-Clean available, see Indigo-Clean specification sheets for details



Example Part #: EX41-N-HE-830HO-26'-AC48G1-U-OL2-1-0-W

EX41 - N - DIRECT SHIELDING - INDIRECT SHIELDING - CRI, CCT & SOURCE - LENGTH - MOUNTING - VOLTAGE - DRIVER - CIRCUITING - BATTERY & EMERGENCY - FINISH - FIXTURE OPTIONS

| N | --- | ----- | ----- |
|--|---|--|--|
| DIRECT SHIELDING | INDIRECT SHIELDING | SOURCE <i>QS</i> ¹ | LENGTH OR PATTERN ² |
| N - None <i>Shielding pg. 2</i> | HE - High Efficiency <i>QS</i> BW - Batwing <i>QS</i> WHE - Asymmetric <i>QS</i> HEA - Ascent MOD - Mod options available <i>Shielding pg. 2</i> | 27 - 2700K 30 - 3000K 35 - 3500K 40 - 4000K CL - Custom Lumens CW - Custom Watts MOD - Mod options available <i>Lumen Output pg. 2-3</i> | --- - Individual Fixture <i>QS</i> --- - Continuous Row <i>QS</i> MOD - Mod options available <i>Length pg. 3</i> |
| MOUNTING ³ | VOLTAGE | DRIVER | CIRCUITING |
| AC_G - (M) AC to Grid <i>QS</i> AC_JB - (M) AC to J Box <i>QS</i> AC_ST - (M) AC to Structure <i>QS</i> AC5_G - 5" Non-Power Canopy AC5_JB - 5" Non-Power Canopy SQ_G - 5" Square Canopy SQ_JB - 5" Square Canopy WA - Wall Mount <i>QS</i> MOD - Mod options available <i>Mounting pg. 4</i> | U - Universal (120 thru 277V) <i>QS</i> 1 - 120V <i>QS</i> 2 - 277V <i>QS</i> 3 - 347V <i>Voltage pg. 4</i> | FSD - Factory Select Driver (1%, 0-10v) <i>QS</i> PL2 - Advance Xitanium (1%, 0-10v) <i>QS</i> OL2 - eldoLED Optotronic (1%, 0-10v) <i>QS</i> OL4 - eldoLED Optotronic 347v (1%, 0-10v) EE1 - eldoLED ECODrive (1%, 0-10v) ES1 - eldoLED SOLOdrive (0.1%, 0-10v) LH1 - Lutron Hi-lume (1%, EcoSystem) PR1 - Advance Xitanium SR MOD - Mod options available <i>Driver pg. 5</i> | 1 - Single Circuit <i>QS</i> M - Multi Circuit E - Emergency (entire fixture) <i>QS</i> N - Night Light (entire fixture) <i>QS</i> <i>Circuiting pg. 5</i> |
| BATTERY & EMERGENCY ⁴ | FINISH | FIXTURE OPTIONS ⁵ | CONTROLS ⁶ |
| 0 - None <i>QS</i> FBS - Factory Select Battery FSG - Factory Select ALCR GI - Iota ETS DR GB - Bodine GTD IC - Iota 10W Integral <i>QS</i> P - Bodine 10W Integral E - Emergency Section N - Night Light Section L - Life Safety Section <i>Battery and Emergency pg. 5-6</i> | W - White <i>QS</i> S - Metallic Silver <i>QS</i> BL - Textured Black <i>QS</i> BR - Bronze GR - Graphite CC - Custom Color <i>Finish pg. 6</i> | QS - Quick Ship <i>QS</i> DSP - Customer Supplied Battery/Driver/ Sensor MOD - Mod options available <i>Fixture Options pg. 6</i> | DLMFC - Wattstopper DLM (wired) DLMFS - Wattstopper LLLC (wireless) EASYS - Philips EasySense (wireless) SNSLM - Encelium Sensilum (wireless) WVLX - Eaton Wavelinx (wireless) VDO - Lutron Vive Sensor (wireless) VRF - Lutron Vive Connected (wireless) ENL - Enlighted (wireless) MOD - Mod options available <i>Controls pg. 7</i> |

¹When specifying SOURCE the first _ is for specifying either 8 - 80CRI, or 9 - 90CRI. The ending _ _ are for specifying output, example HO - High Output. If specifying QS output is 80 CRI, all color temperatures, all lumen packages. Does not include Tunable White. See output charts for more information. ²Individual fixtures come in 2', 3', 4', 5', 6', 7' & 8' lengths. Continuous row come in 1/8" increments. For Mod layouts specify pattern shape and overall dimensions. Example: L6x4: L pattern that is 6'x4'. ³Specify AC Cable: Standard single AC = AC or Movable AC = MAC; Specify AC length standard AC is 48"; Specify grid: G1=15/16", G9=9/16", GS=Screw Slot. Example: AC48G1 4Enter quantity for Battery and Emergency, Example 2P. ⁵QS must be used in fixture options section of part number to qualify. 1/8" increments not available for QS. LMRP option only available with 120v. ⁶Controls can only be used with Single Circuit (1) or Emergency Circuit (E). See Controls chart on page 5 for driver options and more information.

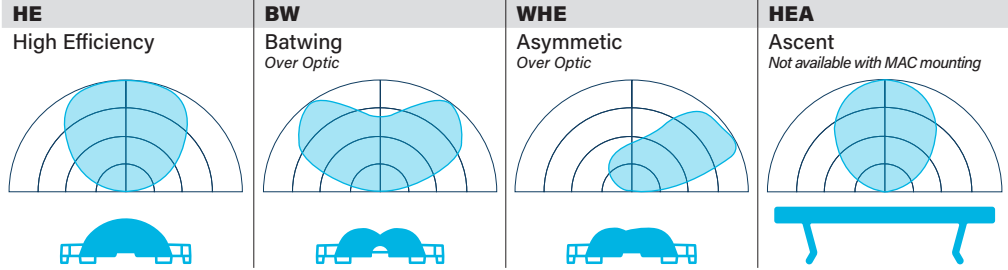
Specifications and dimensions subject to change without notice. Specification sheets that appear on pinnacle-ltg.com are the most recent version and supersede all other previously printed or electronic versions.



Direct Shielding

N
None

Indirect Shielding



Shielding: MOD Options

- Specify **MOD** in the part number for any of the below options
- Consult factory for **MOD** specification details, pricing, and lead-time information

MOD Clear lens overlay

Source: White LED¹

- Specify either 80 or 90 CRI
- Longer lead-time may apply for 90 CRI. Consult factory
- 90 CRI = R9≥50

Custom Output - Lumens OR Wattage

| | | |
|-----------------|---|--|
| CL _____ | Specify CRI, CCT and desired lumens (i.e. CL835500) | Specify lumens between standard offering listed below. Lumens are specified per color temp |
| CW _____ | Specify CRI, CCT and desired wattage (i.e. CW9407) | Specify watts between standard offering listed below |

80 CRI

| | Color | Lumens per foot | Shielding ¹ | | | | | | | |
|---------------|-------|--------------------|------------------------|----------|---------------|----------|-------------------|----------|---------------|----------|
| | | | HE High Efficiency | | BW Batwing | | WHE Asymmetric | | HEA Ascent | |
| | | | LPW | Watts/ft | LPW | Watts/ft | LPW | Watts/ft | LPW | Watts/ft |
| 830 | 3000K | 500 | 140 | 3.6 | 131 | 3.8 | 119 | 4.2 | 125 | 4.0 |
| 830HO | 3000K | 750 | 146 | 5.1 | 135 | 5.5 | 119 | 6.3 | 125 | 6.0 |
| 830VHO | 3000K | 1000 | 147 | 6.8 | 137 | 7.3 | 122 | 8.2 | 128 | 7.8 |
| 835 | 3500K | 500 | 145 | 3.4 | 135 | 3.7 | 123 | 4.1 | 125 | 4.0 |
| 835HO | 3500K | 750 | 151 | 5.0 | 141 | 5.3 | 122 | 6.1 | 129 | 5.8 |
| 835VHO | 3500K | 1000 | 148 | 6.8 | 141 | 7.1 | 126 | 8.0 | 133 | 7.5 |
| 840 | 4000K | 500 | 145 | 3.4 | 135 | 3.7 | 123 | 4.1 | 125 | 4.0 |
| 840HO | 4000K | 750 | 151 | 5.0 | 141 | 5.3 | 122 | 6.1 | 129 | 5.8 |
| 840VHO | 4000K | 1000 | 148 | 6.8 | 141 | 7.1 | 126 | 8.0 | 133 | 7.5 |

90 CRI

| | | | | | | | | | | |
|---------------|-------|------|-----|-----|-----|-----|-----|------|-----|-----|
| 927 | 2700K | 500 | 118 | 4.2 | 110 | 4.5 | 99 | 5.1 | 102 | 4.9 |
| 927HO | 2700K | 750 | 118 | 6.4 | 110 | 6.8 | 98 | 7.6 | 104 | 7.2 |
| 927VHO | 2700K | 1000 | 121 | 8.3 | 113 | 8.9 | 100 | 10.0 | 105 | 9.5 |
| 930 | 3000K | 500 | 124 | 4.0 | 120 | 4.2 | 105 | 4.7 | 111 | 4.5 |
| 930HO | 3000K | 750 | 129 | 5.8 | 120 | 6.3 | 107 | 7.0 | 111 | 6.8 |
| 930VHO | 3000K | 1000 | 132 | 7.6 | 123 | 8.2 | 108 | 9.3 | 114 | 8.8 |
| 935 | 3500K | 500 | 124 | 4.0 | 120 | 4.2 | 105 | 4.8 | 111 | 4.5 |
| 935HO | 3500K | 750 | 128 | 5.8 | 119 | 6.3 | 107 | 7.0 | 110 | 6.8 |
| 935VHO | 3500K | 1000 | 132 | 7.6 | 122 | 8.2 | 107 | 9.3 | 113 | 8.8 |
| 940 | 4000K | 500 | 124 | 4.0 | 120 | 4.2 | 105 | 4.8 | 111 | 4.5 |
| 940HO | 4000K | 750 | 128 | 5.8 | 119 | 6.3 | 107 | 7.0 | 110 | 6.8 |
| 940VHO | 4000K | 1000 | 132 | 7.6 | 122 | 8.2 | 107 | 9.3 | 113 | 8.8 |

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Source: BIOS¹

- CRI >84, R9 >90
- Spectrum focused lighting for circadian stimulus
- High EML or M/P ratio: .8 for 3500K, .9 for 4000K
- COI: ≤3.3
- Available for use with most Driver or Control options

Custom Output - Lumens OR Wattage

| | | |
|------------------|---|--|
| CLB _____ | Specify CRI, CCT and desired lumens (i.e. CL835500) | Specify lumens between standard offering listed below. Lumens are specified per color temp |
| CWB _____ | Specify CRI, CCT and desired wattage (i.e. CW9407) | Specify watts between standard offering listed below |

BIOS

| | Color | Lumens per foot | Shielding ¹ | |
|---------------|-------|--------------------|------------------------------|----------|
| | | | HE High Efficiency LPW | Watts/ft |
| B35 | 3500K | 500 | 85 | 5.9 |
| B35HO | 3500K | 750 | 84 | 8.9 |
| B35VHO | 3500K | 1000 | 83 | 12.1 |
| B40 | 4000K | 500 | 87 | 5.7 |
| B40HO | 4000K | 750 | 86 | 8.7 |
| B40VHO | 4000K | 1000 | 85 | 11.7 |

¹LPW and watts/ft based off 48" fixture size.

Source: MOD Options

- Specify **MOD** in the part number for any of the below options
- All RGB_ Source Options will require specific driver and control
- Consult factory for **MOD** specification details, pricing, and lead-time information

| MOD | | Required Driver | Required Control |
|--------------------------|--|------------------------|------------------|
| | | Color Changing RGB LED | EC1/EC4 |
| Color Changing RGB-W LED | | EC1/EC4 | DMX |
| 2 Channel Tunable White | | | |

Length

- For Continuous Runs, add 3/16" (4.7mm) for each end plate or 3/8" (9.5mm) to the overall length of the row
- BIOS and Blanco3 are only available in foot lengths

| 2 | 3 | 4 | 5 | 6 | 7 | 8 | - |
|-------------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|---|
| Indiv. Fixture | Indiv. Fixture | Indiv. Fixture | Indiv. Fixture | Indiv. Fixture | Indiv. Fixture | Indiv. Fixture | Cont. Run |
| 24-3/8" (619.1mm) | 36-3/8" (934.8mm) | 48-3/8" (1228.7mm) | 60-3/8" (1533.5mm) | 72-3/8" (1838.3mm) | 84-3/8" (2143.1mm) | 96-3/8" (2447.9mm) | Specify nominal overall row length to the 1/8" Longer lead-time may apply for lengths to the 1/8". Consult factory. |
| | | | | | | | Specify to the 1/8" |

Length or Pattern: MOD Options

- Specify **MOD** in the part number for any of the below options
- Consult factory for **MOD** specification details, pricing, and lead-time information

| MOD | |
|-----|---|
| | Specify MOD for patterns, lengths or angles not shown above |
| | 45- 180 degree angles |
| | Single-piece welded housings up to 4' x 4 |

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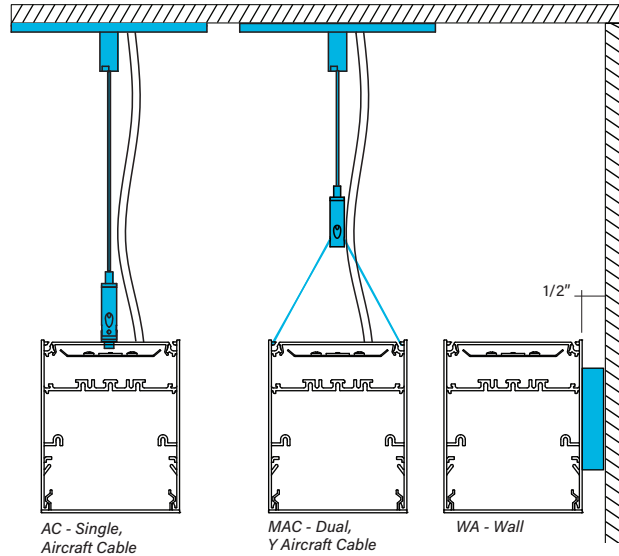


Mounting

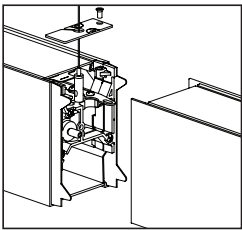
- Specify cable length in ordering code (AC48G1)
- Standard adjustable cable. Specify 48", 120", 240" or 350"
- End plates and standard white power cord attached at factory
- Aircraft cable (AC) mounts on 4" (1219.2mm) and 8" (2438.4mm) centers
- Maximum recommended movable mounting locations are 12" from end of 4' fixture and 18" from end of 8' fixture
- Aircraft Cable supplied with 5" (127mm) power and 2" (50.8mm) non-power canopies

- Canopies and pendants match fixture finish, power cords are white, grey, or black depending on fixture finish. See Finish section for additional details.
- Approved for dry/damp location unless otherwise noted
- Refer to installation instructions during installation at the job site
- Maximum fixture weight is 20 lbs for a standard 4' fixture
- MAC options not available with HEA lens option
- For a wall mounted fixture with an indirect asymmetric lens, light will be directed away from the wall as a standard

| | |
|----------------|--|
| AC_G1 | Aircraft Cable 1" (15/16") T-Bar |
| AC_G9 | Aircraft Cable 9/16" T-Bar |
| AC_GS | Aircraft Cable Screw Slot T-Bar |
| AC_JB | Aircraft Cable Junction Box |
| AC_ST | Aircraft Cable Structure |
| AC5_G | Aircraft Cable 5" (127mm) Non-Power Canopy |
| AC5_JB | Aircraft Cable 5" (127mm) Non-Power Canopy |
| SQ_G | Aircraft Cable 5" (127mm) Square Canopy |
| SQ_JB | Aircraft Cable 5" (127mm) Square Canopy |
| MAC_G1 | Moveable AC 1" (15/16") T-Bar |
| MAC_G9 | Moveable AC 9/16" T-Bar |
| MAC_GS | Moveable AC Screw Slot T-Bar |
| MAC_JB | Moveable AC Junction Box |
| MAC_ST | Moveable AC Structure |
| MAC5_G | Moveable AC 5" (127mm) Non-Power Canopy |
| MAC5_JB | Moveable AC 5" (127mm) Non-Power Canopy |
| MSQ_G | Moveable AC 5" (127mm) Square Canopy |
| MSQ_JB | Moveable AC 5" (127mm) Square Canopy |
| WA | Wall Mount |



Straight EDGE Joint System



- The Straight EDGE Joint comes standard for all runs.
- Two connection points - one to cinch fixtures together, the other to perfectly align all fixtures in a run.
- Factory-installed light shields on both sides of the fixture ensure no light leaks.
- Patented.

Mounting: MOD Options

- Specify **MOD** in the part number for any of the below options
- Consult factory for **MOD** specification details, pricing, and lead-time information

MOD Recessed to Suspended

Voltage

- Some EX2I configurations will not accommodate all voltage options; consult with factory

| | |
|----------|-----------|
| U | Universal |
| 1 | 120 volt |
| 2 | 277 volt |
| 3 | 347 volt |



Driver

- Standard Driver Option = PL2
- Driver Lifetime: 50,000 hours at 25°C ambient operating conditions
- For more driver options, see Pinnacle Resource Guide
- Some EX2I configurations will not accommodate all driver options; consult with factory

0-10V Drivers

| | |
|------------|---|
| FSD | Factory Select Driver 1%, 0-10v |
| PL2 | Signify Advance Xitanium 1%, 0-10v |
| PL4 | Advance Xitanium 347v 1%, 0-10v, requires 347v |
| OL2 | eldoLED Optotronic, 1%, 0-10v |
| OL4 | eldoLED Optotronic 347v, 1% 0-10v, requires 347v option |
| EE1 | eldoLED ECOdrive 1%, 0-10v Logarithmic |
| EE2 | eldoLED ECOdrive 1%, 0-10v Linear |
| ES1 | eldoLED SOLOdrive 0-10v, 0.1% Logarithmic |
| ES2 | eldoLED SOLOdrive 0-10v, 0% Linear |
| OL5 | eldoLED Optotronic 1%, 0-10v, AUX |
| PL5 | Advance Xitanium 1%, 0-10v, AUX |

DALI Drivers

| | |
|------------|---|
| EE3 | eldoLED ECOdrive .1%, DALI (logarithmic) |
| ES3 | eldoLED SOLOdrive .1%, DALI (logarithmic) |
| OD1 | eldoLED Optotronic 1%, DEXAL |
| OD2 | eldoLED Optotronic 1%, DALI 2 Channel |

Lutron Drivers

| | |
|------------|---|
| LH1 | Lutron Hi-lume Soft-on, Fade-to-black 1%, EcoSystem, LDE1 |
| LH4 | Lutron Hi-Lume 1%, 2-wire, Lutron-LTEA2W, 120v only |

Alternate Drivers

| | |
|------------|---|
| PS1 | Signify Advance Xitanium Step Dimming 50%/100% |
| PR1 | Philips Advance Xitanium SR, requires EASYS, VDO or VRF |
| OD1 | eldoLED Optotronic 1%, DEXAL |
| EH1 | ELV 120v only, 0-10v universal |
| EC1 | Constant Voltage LED driver, 120v or 277v required |

Drivers: MOD Options

- Specify **MOD** in the part number for any of the below options
- Consult factory for **MOD** specification details, pricing, and lead-time information

MOD Power Over Ethernet

How to Specify Circuiting, Battery and Emergency

- Select fixture circuiting from options below
 - Some EX2I configurations will not accommodate all circuiting options, consult with factory

Circuiting

| | |
|----------|--------------------------|
| 1 | Single Circuit |
| M | Multi Circuit |
| E | Emergency Circuit only |
| N | Night Light Circuit only |

- Battery and emergency section options are available in addition to fixture circuit
 - Select battery and emergency section options below; factory shop drawing required
 - Some EX2I configurations will not accommodate all circuiting options, consult with factory

Battery and/or Emergency *If Required*

0 No battery or specific emergency section required



Battery

- Select battery section type if required, indicate total QTY. *Example 2PL*
- 90 minute battery runtime; test button location dependant on configuration, consult factory
- No battery option available for 2' lengths
- Entire direct fixture housing is on battery for lengths up to 5'
- Half of direct fixture is on battery for 6' or 8' housing lengths
- For more battery options available, see Pinnacle Resource Guide

| | |
|---------------|--|
| 0 | No Battery |
| _FSB | Factory Select Battery (10w option) |
| _FSBST | Factory Select Battery (10w, Self Testing) |
| _IC | lota 10w Integral |
| _ILL | lota 10w Integral Lithium, Self Testing |
| _IRH | lota 20w Remote |
| _P | Bodine 10w Integral |
| _PRH | Bodine 20w Remote |
| _PLL | Bodine 10w Integral Lithium, Self Testing |

For Approximate Battery Lumen Output

- Multiply battery wattage X fixture LPW shown on Lumen Table
- 92.3 (LPW) x 10 (watts) = 923 battery lumen output

Emergency

- Select emergency section type if required, indicate total QTY. *Example 1E*
- Combine battery and emergency section ordering codes if both options are selected

| | |
|-------------|--|
| _FSG | Factory Select Automatic Load Control Relay (ALCR), UNV |
| _GI | Emergency Transfer Switch (ETS) DR Emergency Control Device, UNV |
| _GB | Bodine GTD, Generator Transfer Device, 120v or 277v |
| _E | Emergency circuit section |
| _N | Night Light circuit section |
| _L | Life Safety circuit section NO THROUGH WIRE |

Battery OR Emergency Ordering Examples

- Single circuit, 10w Integral Battery Ordering Code: 1-1PL
- Emergency only, 10w Integral Battery Ordering Code: E-1PL
- Single circuit, GTD required Ordering Code: 1-1G

Combination Section Ordering Examples

- Single circuit, (1) 10w battery, (1) emergency section Ordering Code: 1-1PL1E
- Multi circuit, (2) 10w battery, (2) emergency sections Ordering Code: M-2PL2E
- Single circuit, (1) night light section Ordering Code: 1-1N

Finish

- Standard powder-coat textured white, metallic silver, textured black, graphite or bronze painted finish; consult factory for chip of standard paint finishes
- Selecting a fixture finish other than white may impact lumen output; consult factory for more information

| | |
|-----------|---|
| W | White (<i>white cord/white canopy</i>) |
| S | Metallic Silver (<i>grey cord/silver canopy</i>) |
| BL | Textured Black (<i>black cord/black canopy</i>) |
| BR | Bronze (<i>white cord/bronze canopy</i>) |
| GR | Graphite (<i>white cord/graphite canopy</i>) |
| CC | Custom Color (<i>white cord/color match canopy</i>) |

Fixture Options

- Additional options to enhance the fixture and finish of the product

| | |
|------------|---|
| QS | Quick Ship |
| DSP | Customer Supplied Battery/Driver/Sensor |

Fixture Options: MOD Options

- Specify **MOD** in the part number for any of the below options
- Consult factory for **MOD** specification details, pricing, and lead-time information

| | |
|------------|----------------|
| MOD | Remote Driver |
| | End Power Feed |

Quick Ship

| Shielding | CRI, CCT & Output | Mounting | Voltage | Driver | Circuiting | Battery | Finish | | | | |
|------------|---|------------------|------------------------------|--|-------------------------|---------------|----------------|---------------|---------------------------------------|----------------------|-----------------|
| HE | 80 CRI, all color temperatures, all lumen packages <i>See pg 2</i> | (M)AC48G_ | U Universal (120-277) | FSD Factory Select Driver (1%, 0-10v) | 1 Single Circuit | 0 None | W White | | | | |
| BW | | (M)AC48JB | | | | | | 1 120V | PL2 Advance Xitanium 0-10v, 1% | E Emergency | S Silver |
| WHE | | (M)AC48ST | | | | | | 2 277V | OL2 Osram 0-10v, 1% | N Night Light | BL Black |

All lengths and continuous rows up to 1,000 ft OR 150 individual fixtures. Black QuickShip only available in 4', 6', and 8' individual lengths. Consult factory for larger projects.

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EX4I_LED_SPEC_NOV2023



Controls

- Pinnacle Lighting offers easy to specify network control solutions that connect to an intelligent centralized system to maximize lighting energy efficiencies or integral sensors for individual fixture control
- Pinnacle Lighting fixtures ship technology ready; commissioning by others
- Controls can only be used with Single Circuit (1) or Emergency Circuit (E)
- Contact factory for any non-standard configurations for layout, placement, or EM options
- One drop per sensor typical, consult factory for more information

| | Solution | Components | Network/Sensor | Connection | Required Drivers | Limitations |
|--------------|--------------------------|-----------------------|-----------------------------------|-----------------------|------------------|-----------------------------|
| DLMFC | Legrand Wattstopper DLM | LMFC-011 | Digital Lighting Management (DLM) | Wired, two RJ45 ports | OL2, OL4 | Not available with Battery |
| DLMFS | Legrand Wattstopper LLLC | LMFS-601-W / LMFI-111 | Wireless DLM Fixture Sensor | Wireless | OD1, PR1, 0-10v | 0-10v requires interface |
| EASYS | Philips EasySense | SNS-210 | Daylight/PIR Occupancy | Wireless to switches | PR1 | Not available with 347 volt |
| SNSLM | Encelium Sensilum | EN-CLM-PIR-DD-ZB | Encelium, Daylight/PIR Occupancy | Wireless | OD1, OL1, OL2 | Not available with 347 volt |
| WLWX | Eaton Wavelinx | SWPDI, NSP3IVMVDC1 | WaveLinx WCL, Daylight | Wireless | Any 0-10v | Not available with 347 volt |
| VDO | Lutron Vive Sensor | DFCSJ-OEM-OCC | Vive, Daylight/PIR Occupancy | Wireless | OD1, PR1 | Not available with 347 volt |
| VRF | Lutron Vive Connected | DFCSJ-OEM-RF | Vive | Wireless | OD1, PR1 | Not available with 347 volt |
| ENLI | Enlighted | SU-5E-IOT, CU-4E | Enlighted, Daylight/PIR Occupancy | Wireless | Any 0-10v | Not available with 347 volt |
| ENLC | Enlighted | SU-5E-CL, CU-4E | Enlighted, Daylight/PIR Occupancy | Wireless | Any 0-10v | Not available with 347 volt |

Controls: MOD Options

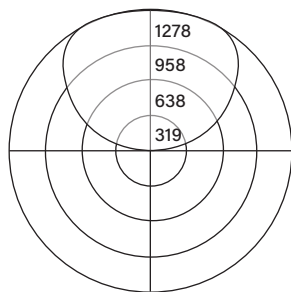
- Specify **MOD** in the part number for any of the below options
- Control** Options may require specific driver. Refer to the chart below
- Consult factory for **MOD** specification details, pricing, and lead-time information

| MOD | Required Driver |
|--------------------------------------|-----------------|
| Encelium Sensilum | OD1, OL5 |
| Enlighted (Wireless) - ENLI | Any 0-10v |
| Enlighted (Wireless) - ENLC | Any 0-10v |
| Acuity nLight Air Wireless Connected | EE6, ES6 |

Photometrics

Open

Test # Scaled from ITL94462
 Catalog # EX4I-HE-840VHO-4
 Lumens 400 lm
 Watts 27 W
 Efficacy 148 LPW



Candela Distribution

| Vert Angle | Horizontal Angle | | | | |
|------------|------------------|------|------|------|------|
| | 0 | 22.5 | 45 | 67.5 | 90 |
| 90 | 4 | 57 | 61 | 44 | 39 |
| 95 | 47 | 121 | 153 | 120 | 105 |
| 100 | 106 | 184 | 245 | 213 | 194 |
| 105 | 175 | 252 | 341 | 338 | 324 |
| 110 | 254 | 335 | 428 | 458 | 460 |
| 115 | 352 | 428 | 522 | 561 | 575 |
| 120 | 458 | 533 | 620 | 663 | 675 |
| 125 | 579 | 642 | 727 | 763 | 778 |
| 130 | 695 | 757 | 835 | 869 | 880 |
| 135 | 807 | 861 | 946 | 976 | 986 |
| 140 | 904 | 955 | 1048 | 1084 | 1093 |
| 145 | 996 | 1029 | 1124 | 1171 | 1187 |
| 150 | 1072 | 1095 | 1171 | 1220 | 1236 |
| 155 | 1138 | 1149 | 1207 | 1243 | 1257 |
| 160 | 1189 | 1194 | 1234 | 1258 | 1266 |
| 165 | 1229 | 1230 | 1254 | 1268 | 1272 |
| 170 | 1255 | 1257 | 1267 | 1275 | 1276 |
| 175 | 1270 | 1271 | 1273 | 1275 | 1277 |
| 180 | 1275 | 1275 | 1275 | 1275 | 1275 |

For all available IES files, please visit our website at pinnacle-ltg.com. Photometry testing in accordance to IESNA-LM-79-08 at an NVLAP accredited testing laboratory. Testing conducted at 25°C ambient conditions.



Applications & Certificates

Construction: 6063-T6 Extruded aluminum housing. Highly reflective steel white painted reflector.

Shielding: Diffuse snap-in acrylic lens, removable for maintenance.

Mounting: Aircraft cable and wall mount available. Select from 2 aircraft cable options. Select the straight aircraft cable that mounts on 4'-0" (1219.2mm) and 8'-0" (2438.4mm) centers or the moveable adjustable Y-cable mount. The Y-Cable design allows for adjustable mounting locations. Aircraft Cable supplied with 5" (127mm) power and 2" (50.8mm) non-power canopies. Refer to installation instructions for appropriate ceiling detail. Canopies are painted white unless otherwise specified. Maximum fixture weight is 20 lbs. for a standard 4' fixture.

White LED: 25°C test environment. Lumen output/wattage has a margin of +/- 5%; 2' or 3' lengths may have a greater wattage deviation. Luminaire configurations tested in accordance with IES LM-79. Diodes tested in accordance with IES LM-80. Lifetime calculated using IES TM-21. Minimum lifetime greater than 60,000 hours. Lifetime Projection L70 = 146,500 hours and L90 = 45,000 hours. MacAdam 3-Step Ellipses. Not all products are Lighting Facts listed. For all available IES files, please visit our website at pinnacle-ltg.com. Three lumen packages available. Standard, High (HO) and Very High (VHO). Custom outputs are available. Specify custom lumens or watts between standard offering listed on CRI, CCT & Output page. 80 CRI is available for 3000K, 3500K, and 4000K. 90 CRI is available for 2700K, 3000K, 3500K, and 4000K. 90 CRI = R9≥50.

BIOS LED: Spectrum focused lighting for circadian stimulus. EML or M/P ratio: .8 for 3500K, .9 for 4000K COI >3.0. Not all lumen packages available. Three lumen packages available. Standard, High (HO) and Very High (VHO). Custom outputs are available. Specify custom lumens or watts between standard offering listed on CRI, CCT & Output page.

Tunable White LED: Blanco 3; 3 Channel tunable white for precise black body curve CCT. Self-commissioning with Wattstopper DLM integrated controls. Custom lumen output and color temperature configurations require use of controls.

Voltage: Universal (U), 120 volt (1), 277 volt (2) and 347 volt (3) options available. Must specify OL4 in Driver section when 347 volt (3) is selected. Some EDGE configurations will not accommodate all voltage options; consult with factory.

Driver: Standard Driver Option is Advance Xitanium 0-10V, 1% = PL2. Electronic driver, Power factor is >0.9 with a THD <20%. Driver Lifetime: 50,000 hours at 25°C ambient operating conditions. Ambient operating range: -20°F/-30°C to 122°F/50°C. For more driver options, see Pinnacle Resource Guide. Some EDGE configurations will not accommodate all driver options.

Circuiting: Select from single circuit (1), Multi circuit - For multiple circuiting and zone control, requires factory shop drawing (M), Emergency circuit (E), Life Safety (L) or Night

Light circuit (N). For emergency circuiting situations that require no through wire or circuit separation, Life Safety Circuit should be selected. This will provide a separate power feed and only the Life Safety Circuit in that section. Some EDGE configurations will not accommodate all circuiting options; consult with factory.

Battery & Emergency: Select battery or emergency options if required. If battery or emergency option is not required, enter 0. Battery duration is 90 minutes as standard. Test button location dependant on configuration, consult factory. For more Battery options, see Pinnacle Resource Guide.

Finish: Standard powder-coat textured white, metallic silver, textured black, graphite or bronze painted finish; consult factory for chip of standard paint finishes or for additional custom color and finish options.

Controls: DLM utilizes wired network connections for digital control through switching and dimming. nLight Air rES7 sensor provides wireless control, daylight harvesting and occupancy detection with PIR using eldoLED LED drivers. nLight Air rES7 sensor provides wireless control, daylight harvesting and occupancy detection with PDT using eldoLED LED drivers. nLight Air rIO module provides wireless control using eldoLED LED drivers. EasySense sensor provides daylight harvesting and PIR occupancy detection using the SR LED driver; the Philips app provides advanced configurations. ENCELIUM SensiLUM sensor provides wireless control, daylight harvesting and PIR occupancy; driver data is available when using the DEXAL driver. ENCELIUM SensiLUM sensor provides wireless control, daylight harvesting and PIR occupancy; driver data is available when using the DEXAL driver. Wavelinx Connected Lighting sensor provides wireless control and daylight harvesting using 0-10V LED drivers. Lutron Vive sensor provides wireless control, daylight harvesting and PIR occupancy detection using DEXAL or SR LED drivers. Lutron Vive module provides wireless control using DEXAL or SR LED drivers. Enlighted Smart Sensor provides multi-functionality including daylight harvesting and PIR occupancy; for IOT platform using 0-10v LED drivers. Enlighted Smart Sensor provides multi-functionality including daylight harvesting and PIR occupancy; for Connected platform using 0-10v LED drivers.

Labels: UL and cUL 2108 or 1598 listed depending on product configuration. Standard, HO and VHO lumen packages are IC Rated, approved for dry/damp location unless otherwise noted.

Fixture Weight: Maximum fixture weight is 20lbs per 4' fixture.

Buy American Act Compliant

Warranty: EDGE LED offered with a 5-year limited warranty. Covers LED, driver and fixture.