

EDGE EX31

3" 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
- UL and cUL listed
- 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 #: EX31-N-HE-830HO-26'-AC48G1-U-OL2-1-0-W



EX31 - N	INDIRECT SHIELDING	SOURCE	LENGTH	MOUNTING	VOLTAGE	DRIVER	CIRCUITING	BATTERY & EMERGENCY	FINISH	FIXTURE OPTIONS	
N	---	---	---	---	---	---	---	---	---	---	
DIRECT SHIELDING	INDIRECT SHIELDING	SOURCE <i>QS</i> ¹	LENGTH 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 TW3 - Tunable White (<i>Blanco 3</i>) 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 - AC to Grid <i>QS</i> AC_JB - AC to J Box <i>QS</i> AC_ST - 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 (<i>120 thru 277V</i>) <i>QS</i> 1 - 120V <i>QS</i> 2 - 277V <i>QS</i> 3 - 347V <i>Voltage pg. 4</i>	FSD - Factory Select Driver (<i>1%, 0-10v</i>) <i>QS</i> PL2 - Advance Xitanium (<i>1%, 0-10v</i>) <i>QS</i> OL4 - Osram 347v (<i>1%, 0-10v</i>) EE1 - eldoLED ECOdrive (<i>1%, 0-10v</i>) ES1 - eldoLED SOLOdrive (<i>0.1%, 0-10v</i>) LH1 - Lutron Hi-lume (<i>1%, EcoSystem</i>) PR1 - Advance Xitanium SR OL2 - Osram (<i>1%, 0-10v</i>) <i>QS</i> MOD - Mod options available <i>Driver pg. 5</i>	1 - Single Circuit <i>QS</i> M - Multi Circuit E - Emergency (<i>entire fixture</i>) <i>QS</i> N - Night Light (<i>entire fixture</i>) <i>QS</i> <i>Circuiting pg. 5</i>				
								BATTERY & EMERGENCY ⁴	FINISH	FIXTURE OPTIONS ⁵	
								0 - None <i>QS</i> _FSG - Factory Select ALCR _GI - Iota ETS DR _GB - Bodine GTD _PLL - Bodine 10W Integral _ILL - Iota 10W Integral <i>QS</i> _E - Emergency Section _N - Night Light Section _L - Life Safety Section <i>Battery and Emergency pg. 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>	DLMFS - Wattstopper LLLC (<i>wireless</i>) EASYS - Philips EasySense (<i>wireless</i>) SNSLM - Encelium Sensilum (<i>wireless</i>) WVLX - Eaton WaveLinX (<i>wireless</i>) VDO - Lutron Vive Sensor (<i>wireless</i>) VRF - Lutron Vive Connected (<i>wireless</i>) MOD - Mod options available <i>Controls pg. 7</i>

1. When 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. 2. Individual 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'. 3. Specify 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 4. Enter quantity for Battery and Emergency, Example 2P. 5. QS 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. 6. Controls 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

<p>HE High Efficiency</p>	<p>BW Batwing <i>Over Optic</i></p>	<p>WHE Asymmetric <i>Over Optic</i></p>	<p>HEA Ascent <i>Not available with MAC mounting</i></p>
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Shielding MOD Options

- Specify **MOD** in the part number for any of the below options
- MOD specifications are subject to longer lead-times. Consult factory for more information

MOD	Clear lens overlay
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Source: White LED¹

- Specify either 80 or 90 CRI
- Longer lead-time may apply for 90 CRI. Consult factory
- 80 CRI = R9≥19 and 90 CRI = R9≥61
- Not all products qualify for DLC listing. For a complete listing of the EV3D products that qualify for DLC, please go to the DLC website.

Custom Output - Lumens OR Wattage

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

80 CRI

	Color	Lumens <i>per foot</i>	Shielding ¹							
			HE High Efficiency		BW Batwing		WHE Asymmetric		HEA Ascent	
			<i>LPW</i>	<i>Watts/ft</i>	<i>LPW</i>	<i>Watts/ft</i>	<i>LPW</i>	<i>Watts/ft</i>	<i>LPW</i>	<i>Watts/ft</i>
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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Indirect Source: Blanco3¹

- CRI >90, R9 >92
- 3 Channel tunable white for precise black body curve CCT
- Allows for high color consistency between fixtures
- Self-commissioning with Wattstopper DLM integrated controls
- Requires Control Ordering Code **B3LM** (pg. 6)
- Requires Drive Ordering Code **EC2** (pg. 4)

Blanco 3 Tunable White (TW3)

TW3	Range	Shielding ¹		
	2700-6500K	HE High Efficiency Lumens/ft 727	LPW 85	Watts/ft 8.5

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

Indirect 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

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

Length

- Individual units cannot be joined, end plates are factory installed and cannot be removed
- For Continuous Runs, add 3/16" (4.7mm) for each end plate or 3/8" (9.5mm) to the overall length of the row
- For patterns, refer to Pattern section on next page

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

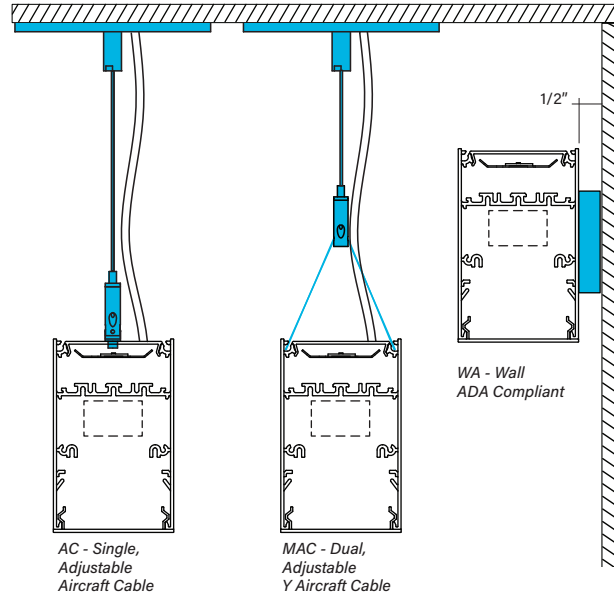


Mounting

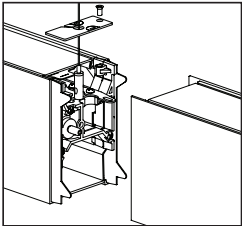
- Specify cable length in ordering code (AC48G1)
- Standard adjustable cable, specify 48", 120", 240", or 350"
- End plates and standard white power cord attached at factory
- Aircraft cable (AC) mounts on 4' (1219.2mm) and 8' (2438.4mm) centers
- Maximum recommended movable mounting locations are 12" 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
	Pendant Pipe

Voltage

- Some EX3I 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 EX3I 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	Osram Optotronic, 1%, 0-10v
OL4	Osram 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	Osram 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	Osram Optotronic 1%, DEXAL
OD2	Osram 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	Osram Optotronic 1%, DEXAL
EH1	ELV 120v only, 0-10v universal
EC1	Constant Voltage LED driver, 120v or 277v required

Driver: 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

- 1**
- Select fixture circuiting from options below
 - Some EX3I 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

- 2** + **3**
- Battery and emergency section options are available in addition to fixture circuit
 - Select battery and emergency section options below; factory shop drawing required
 - Some EX3I 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 is remote to fixture and requires an additional drop
- 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
_IC	Iota 10w Integral
_ILL	Iota 10w Integral Lithium, Self Testing
_IRH	Iota 20w Remote
_P	Bodine 10w Integral
_PLL	Bodine 10w Integral Lithium, Self Testing
_PRH	Bodine 20w Remote

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 ALCR, Automatic Load Control Relay
_GI	Iota ETS DR, Emergency Lighting Control Device
_GB	Bodine GTD, Emergency Lighting Control Device
_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	10 day 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 BW WHE	80 CRI, all color temperatures, all lumen packages <i>See pg 2</i>	(M)AC48G_ (M)AC48JB (M)AC48ST W	(M)AC to Grid (M)AC to J-BOX (M)AC to Structure Wall Mount	U Universal (120-277) 1 120V 2 277V	FSD Factory Select Driver (1%, 0-10v) PL2 Advance Xitanium 0-10v, 1% OL2 Osram 0-10v, 1%	1 Single Circuit E Emergency N Night Light	0 None _ILL Iota 10w Integral	W White S Silver BL Black

All lengths and continuous rows up to 1,000 ft OR 150 individual fixtures. Consult factory for larger projects.

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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
- Must specify required driver in Driver section

	Solution	Components	Network/Sensor	Connection	Required Drivers	Limitation
DLMFS	Legrand Wattstopper LLLC	LMFS-601-W / LMFI-111	Wireless DLM Fixture Sensor	Wireless	OD1, PR1 or 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, OL5	Not available with 347 volt
WLWX	Eaton Wavelinx	SWPD1, NSP3IVMDC1	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

Controls: Tunable White

- Pinnacle Lighting offers easy to specify tunable white solutions for integrated building control solutions or standalone controls
- 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 or placement

	Solution	Components	Network/Sensor	Connection	Required Drivers	Required LED	Required-Controls	Limitations
B3LM	Legrand Wattstopper Blanco 3	BLM3-DLM	Digital Lighting Management (DLM)	Wired, two RJ45 ports	EC2	TW3	B3LM	Not available with 347 volt

Controls: MOD Options

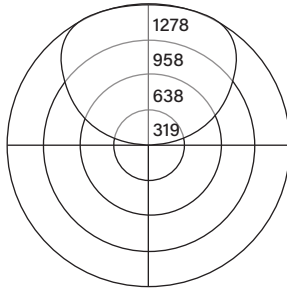
- Specify **MOD** in the part number for any of the below options
- Control** Options may require specific driver. Refer to the chart below
- Consult factory for **MOD** specification details, pricing, and lead-time information

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

Photometrics

Open

Test # Scaled from ITL94462
 Catalog # EX3I-HE-840VHO-4
 Lumens 4000 lm
 Watts 27 w
 Efficacy 148 LPW



Candela Distribution

Vert Angle	Horizontal Angle				
	0	23	45.0	68	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.

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Applications & Certificates

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

Shielding: Diffuse snap in lens or over optic. High Efficiency (HE) & Ascent (HEA) are snap in options. Batwing (BW) & Asymmetric (WHE) are over optics.

Mounting: Aircraft cable and wall mount available. The aircraft cable mounts on 4'-0" (1219.2mm) and 8'-0" (2438.4mm) centers. 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.

LED: 25°C test environment. Lumen output/wattage has a margin of +/- 5%; 2' or 3' lengths may have a greater wattage deviation. All luminaire configurations tested in accordance with IES LM-79. Diodes tested in accordance with IES LM-80. Minimum lifetime greater than 60,000 hours. L70 = 136,200 hours and L90 = 41,100 hours. MacAdam 3-Step Ellipses. For all available IES files, please visit our website at pinnacle-ltg.com.

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.

CRI, CCT & Lumen Output: 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. 80 CRI = R9≥19 and 90 CRI = R9≥61.

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 EX 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 107°F/42°C. For more driver options, see Pinnacle Resource Guide. Some EX 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) or Night Light circuit (N).

Some EX 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 is remote to fixture. For more Battery options, see Pinnacle Resource Guide.

Finish: Standard powder-coat textured white, metallic silver, graphite, textured black or bronze painted finish; consult factory for chip of standard paint finishes. Canopies painted white unless specified differently in the options section of the part number. Contact factory for additional custom color and finish options.

MR16: Ideal for conference rooms, corridors, wall washing, retail spaces and training facilities where accent lighting is required. Fully enclosed compartment eliminates light from entering into our fixture areas. LED lamps are not included. Consult factory for other lamp types. Standard 60 watt max LED electronic transformer (120v), MR16 installed as an independent circuit. MR16 to match fixture voltage. LMRA option not available with 277v. Consult factory for MR16 configurations.

Controls: 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. ENCELUM SensiLUM sensor provides wireless control, daylight harvesting and PIR occupancy; driver data is available when using the DEXAL driver. ENCELUM 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.

Labels: UL and cUL Listed. Standard and HO lumen packages are approved for dry/damp location unless otherwise noted.

Fixture Weight: Maximum fixture weight is 20 lbs for a standard 4' fixture.

Buy American Act Compliant

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