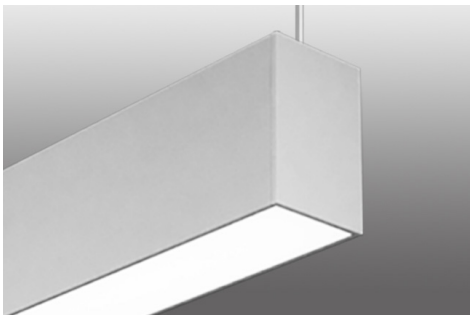
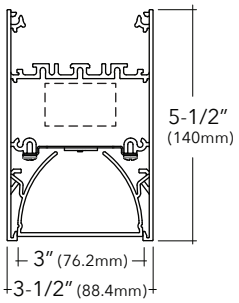
PINNACLE ARCHITECTURAL LIGHTING®

Project Name _____

Date _____ Type _____





EDGE EX3D

3" Suspended Direct Linear

Key Features

- 6063-T6 Extruded aluminum housing
- Highly reflective die-formed white painted reflector
- Room side maintance 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"

LED | 5 YEAR LED WARRANTY | QUICKSHIP | SMART | cULus | DLC

Example Part #: EX3D-HE-N-830HO-26'-AC48G1-U-OL2-1-0-W

EX3D - [ ] - N - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ] - [ ]

DIRECT SHIELDING | INDIRECT SHIELDING | SOURCE | LENGTH OR PATTERN | MOUNTING | VOLTAGE | DRIVER | CIRCUITING | BATTERY & EMERGENCY | FINISH | FIXTURE OPTIONS | CONTROLS

__	N	______	____
DIRECT SHIELDING	**INDIRECT SHIELDING**	**SOURCE QS [1]**	**LENGTH OR PATTERN [2]**
A - Satine Lens QS **AL** - Drop Lens **HE** - High Efficiency QS **BW** - Batwing QS **WHE** - Asymmetric QS **HED** - Descent *Shielding pg. 2*	**N** - None *Shielding pg. 2*	**_27_ _** - 2700K **_30_ _** - 3000K **_35_ _** - 3500K **_40_ _** - 4000K **TW3** - Tunable White *(Blanco 3)* **CL_ _ _ _ _ _** - Custom Lumens **CW_ _ _ _ _ _** - Custom Watts *Lumen Output pg. 2*	**_ _** - Individual Fixture QS **_ _** - Continuous Row QS **S _** - Square QS **R _ x _** - Rectangle QS **L _ x _** - L Shape QS **U _ x _** - U-Shape QS **T _ x _** - T-Shape **X _ x _ x _** - X-Shape **M** - Mod Layout *Length and Pattern pg. 2-3*
____	_	___	_
MOUNTING [3]	**VOLTAGE**	**DRIVER**	**CIRCUITING**
_AC_ _G_ - (M)AC to Grid QS **_AC_ _JB** - (M)AC to J Box QS **_AC_ _ST** - (M)AC to Structure QS **_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 QS **S** - Surface Mount QS *Mounting pg. 3*	**U** - Universal *(120 thru 277V)* QS **1** - 120V QS **2** - 277V QS **3** - 347V *Voltage pg. 4*	**PL2** - Advance Xitanium *(1%, 0-10v)* QS **OL4** - Osram 347v *(1%, 0-10v)* **EE1** - eldoLED ECOdrive *(1%, 0-10v)* **ES1** - eldoLED SOLOdrive *(0%, 0-10v)* **LH1** - Lutron Hi-lume *(1%, EcoSystem)* QS **L51** - Lutron 5-Series *(5%, EcoSystem)* **PS1** - Advance Xitanium *(50%/100%)* **OL2** - Osram *(1%, 0-10v)* QS **ND** - Non-Dimming QS *Driver pg. 4*	**1** - Single Circuit QS **M** - Multi Circuit **E** - Emergency *(entire fixture)* QS **N** - Night Light *(entire fixture)* QS *Circuiting pg. 4*
___	__	____	___
BATTERY & EMERGENCY [4]	**FINISH**	**FIXTURE OPTIONS [5]**	**CONTROLS [6]**
0 - None QS **_PLL** - Bodine 10W **_ILL** - Iota 10W Integral QS **_E** - Emergency Section **_N** - Night Light Section **_L** - Life Safety Section **_G** - Bodine GTD *Battery and Emergency pg. 4*	**W** - White QS **S** - Metallic Silver QS **BL** - Textured Black QS **BR** - Bronze **GR** - Graphite **CC** - Custom Color *Finish pg. 5*	**QS** - Quick Ship QS **TC** - Indirect Top Cover *(ac mounting only)* **LMRA** - Adjustable MR16 *(LED)* **XLED** - Fixed Xicato LED *Fixture Options pg. 5-6*	**DLMFS** - Wattstopper LLLC *(wireless)* **EASYS** - Philips EasySense *(wireless)* **SNSLM** - Osram Sensilum *(wireless)* **WVLX** - Eaton WaveLinx *(wireless)* **VDO** - Lutron Vive Sensor *(wireless)* **VRF** - Lutron Vive Connected *(wireless)* *Controls pg. 6*

[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. See output charts for more information. For Quickship CRI, CCT & Output see chart on page 5 [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. [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.

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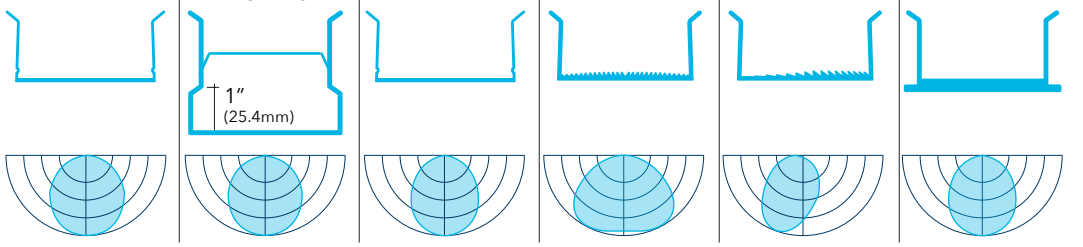
Direct Shielding

A	AL	HE	BW	WHE	HED
Satine Lens	Drop Lens *(foot lengths only)*	High Efficiency	Batwing	Asymmetric	Descent



Indirect Shielding

N
None

Source: White LED[1]

- 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

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] A Satine		AL Drop		HE High Efficiency		BW Batwing		WHE Asymmetric		HED Descent	
			LPW	*Watts/ft*	*LPW*	*Watts/ft*	*LPW*	*Watts/ft*	*LPW*	*Watts/ft*	*LPW*	*Watts/ft*	*LPW*	*Watts/ft*
830	3000K	500	110	4.5	117	4.3	126	4.0	119	4.2	123	4.1	109	4.6
830HO	3000K	750	108	7.0	116	6.4	128	5.9	120	6.3	124	6.1	106	7.1
830VHO	3000K	1000	112	11.8	123	8.2	130	7.7	125	8.0	125	8.0	111	9.0
835	3500K	500	114	4.4	121	4.1	130	3.8	123	4.1	125	4.0	112	4.5
835HO	3500K	750	110	6.8	121	6.2	133	5.6	123	6.1	128	5.9	109	6.9
835VHO	3500K	1000	115	8.7	127	7.9	137	7.3	125	8.0	129	7.7	114	8.8
840	4000K	500	114	4.4	121	4.1	130	3.8	123	4.1	125	4.0	112	4.5
840HO	4000K	750	110	6.8	121	6.2	133	5.6	123	6.1	128	5.9	109	6.9
840VHO	4000K	1000	115	8.7	127	7.9	137	7.3	125	8.0	129	7.7	114	8.8

90 CRI

927	3000K	500	90	5.5	99	5.1	107	4.7	100	5.0	104	4.8	89	5.6
927HO	3000K	750	93	8.1	101	7.4	104	7.2	103	7.3	106	7.1	92	8.2
927VHO	3000K	1000	90	11.1	100	10.0	109	9.2	101	9.9	105	9.5	89	11.2
930	3000K	500	99	5.1	107	4.7	113	4.4	108	4.6	112	4.5	97	5.1
930HO	3000K	750	98	7.6	104	7.2	112	6.7	106	7.1	108	6.9	97	7.7
930VHO	3000K	1000	99	10.1	109	9.2	118	8.4	111	9.0	114	8.8	98	10.2
935	3500K	500	98	5.1	106	4.7	113	4.4	108	4.6	112	4.5	97	5.2
935HO	3500K	750	98	7.7	104	7.2	112	6.7	106	7.1	109	6.9	96	7.8
935VHO	3500K	1000	99	10.1	109	9.2	118	8.5	110	9.1	114	8.8	97	10.3
940	4000K	500	98	5.1	106	4.7	113	4.4	108	4.6	112	4.5	97	5.2
940HO	4000K	750	98	7.7	104	7.2	112	6.7	106	7.1	109	6.9	96	7.8
940VHO	4000K	1000	99	10.1	109	9.2	118	8.5	110	9.1	114	8.8	97	10.3

Source: Blanco3[1]

- 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)

	Range	Shielding[1] A Satine			HE High Efficiency			BW Batwing		
		Lumens/ft	*LPW*	*Watts/ft*	*Lumens/ft*	*LPW*	*Watts/ft*	*Lumens/ft*	*LPW*	*Watts/ft*
TW3	2700-6500K	615	74	8.6	726	84	8.6	680	79	8.6

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

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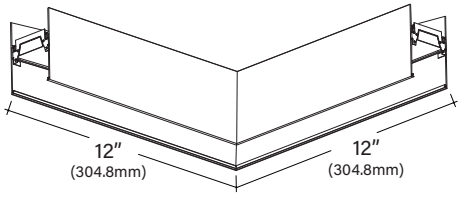
Length

- 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 *Specify nominal overall row length to the 1/8". Longer lead-time may apply for lengths to the 1/8". Consult factory.*

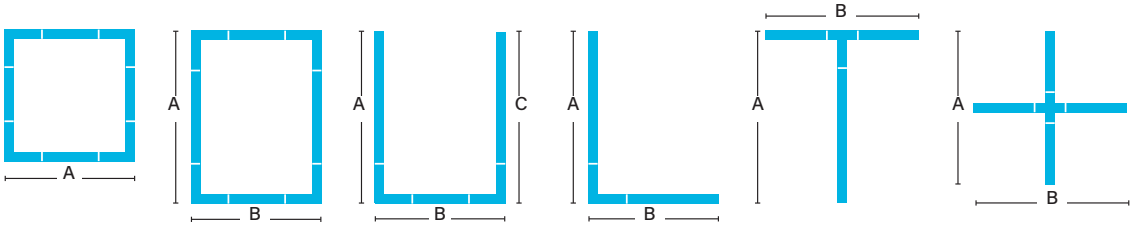
24-3/8" (619.1mm)
36-3/8" (934.8mm)
48-3/8" (1228.7mm)
60-3/8" (1533.5mm)
72-3/8" (1838.3mm)
84-3/8" (2143.1mm)
96-3/8" (2447.9mm)
Specify to the 1/8"

Pattern

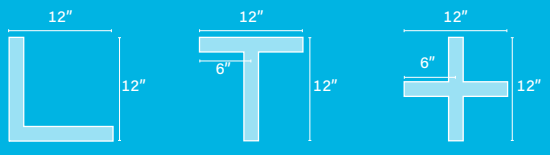


- Specify pattern shape and overall dimensions (includes corner dimensions)
- Refer to dimensions table below for available standard lengths
- All connectors are direct only
- 90 degree horizontal corners are 12"x12" (overall, outside dimension)
- Angles and shapes not shown require Mod Pattern; consult factory
- Only available with "A" or "HE" lens options

S_	R_x_	U_x_x_	L_x_	T_x_	X_x_	M
Square *Provide A dimension* *Example:* **S4'** *Minimum Length-4'x4'*	Rectangle *Provide AxB dimensions* *Example:* **R4'x4'** *Minimum Length-4'x4'*	U-Shape *Provide AxBxC dimensions* *Example:* **U3'x4'x3'** *Minimum Length-3'x4'x3'*	L-Shape *Provide AxB dimensions* *Example:* **L3'x3'** *Minimum Length-3'x3'*	T-Shape *Provide AxB dimensions* *Example:* **T3'x5'** *Minimum Length-3'x5'*	X-Shape *Provide AxB dimensions* *Example:* **X5'x5'** *Minimum Length-5'x5'*	Mod Layout *For patterns or lengths not shown or standard*



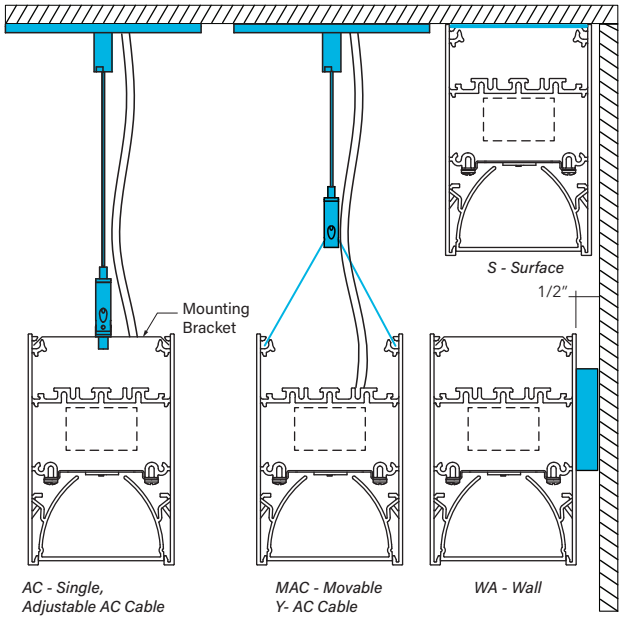
Horizontal Details: Every Connection is 12" x 12" in Overall Dimension



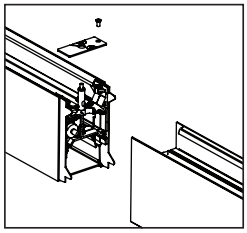
Mounting

- Specify cable length in ordering code (AC48G1)
- Standard adjustable cable, specify 48", 120", 240", or 350"
- End plates and 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" fromend 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
- Top Cover is optional on AC mounting fixtures, Top Cover is standard on others

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
S	Surface 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.

Voltage

- Some EX3D 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 EX3D configurations will not accommodate all driver options; consult with factory

PL2	Advance Xitanium 1%, 0-10v
OL4	Osram Optotronic 347v, 1%, 0-10v (requires 347v)
OL5	Osram Optotronic 1%, 0-10v, AUX
OD1	Osram Optotronic 1%, DEXAL
EE1	eldoLED ECOdrive 1%, 0-10v Logarithmic
EE2	eldoLED ECOdrive 1%, 0-10v Linear
ES1	eldoLED SOLOdrive 0%, 0-10v Logarithmic
ES2	eldoLED SOLOdrive 0-10v, 0% Linear
LH1	Lutron Hi-lume Soft-on, Fade-to-black 1%, EcoSystem, LDE1
L51	Lutron 5-Series 5%, EcoSystem, LDE5
PR1	Advance Xitanium SR, *requires EASY, VDO, or VRF*
EC2	Constant Voltage LED driver, *120v or 277v required*
OL2	Osram Optotronic 1%, 0-10v, nominal 1% dimming range
ND	Non-Dimming

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How to specify Circuiting, Battery and Emergency

1

- Select fixture circuiting from options below
- Some EX3D 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 EX3D 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
_PLL	Bodine 10w Integral Lithium (*self testing*)
_ILL	Iota 10w Integral (*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

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

Emergency

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

_E	Emergency circuit section
_N	Night Light circuit section
_L	Life Safety circuit section NO THROUGH WIRE
_G	Bodine GTD, Generator Transfer Device section

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

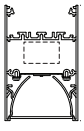
- Standard powder-coat textured white, metallic silver, textured black, graphite or bronze painted finish; consult factory for chip of standard paint finishes
- Selecting a fixture finish other than white may impact lumen output; consult factory for more information

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

Fixture Options

- Additional options to enhance the fixture and finish of the product
- Consult factory for MR16 configurations

QS	10 day Quick Ship
TC	Indirect Top Cover *(ac mounting only)*
LMRA	Adjustable MR16 LED *(not available with U voltage)*
XLED	Fixed Xicato LED



**Cross section with TC Option*

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Quick Ship

Shielding	CRI, CCT & Output	Mounting	Voltage	Driver	Circuiting	Battery	Finish
10-Day							
A **HE** **BW** **WHE**	80 CRI, all color temperatures, all lumen packages *See pg 2*	**(M)AC48G_** (M)AC to Grid **(M)AC48JB** (M)AC to J-BOX **(M)AC48ST** (M)AC to Structure **W** Wall Mount **S** Surface Mount	**U** Universal (120-277) **1** 120V **2** 277V	**PL2** Advance Xitanium 0-10v, 1% **LH1** Lutron LDE1 **OL2** Osram 0-10v, 1% **ND** Non-Dimming	**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. Black QuickShip only available in 4', 6', and 8' individual lengths. Consult factory for larger projects.

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/sensor per run typical, contact 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-200	Daylight/PIR Occupancy	Wireless to switches	PR1	Not available with 347 volt
SNSLM	Osram Sensilum	EN-CLM-PIR-DD-ZB	Encelium, Daylight/PIR Occupancy	Wireless	OD1, OL5	Not available with 347 volt
WLVX	Eaton Wavelinx	SWPD1, 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

Controls: Tunable White

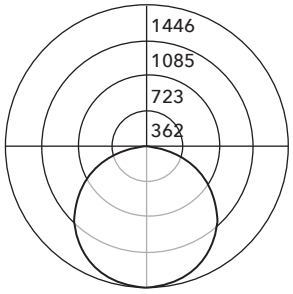
- Pinnacle Lighting offers easy to specify tunable white solutions for integrated building control solutions or standalone controls
- Pinnacle Lighting fixtures ship technology ready; comissioning by others
- Controls can only be used with Single Circuit (**1**) or Emergency Circuit (**E**)
- Contact factory for any non-standard configurations for layout or placement

	Solution	Components	Network/Sensor	Connection	RQD Drivers	RQD LED	RQD 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

Photometrics

Satine Lens

Test #	91449, 93985[1]
Catalog #	EX3D-A-840VHO-4
Lumens	4125 lm
Watts	35.7 w
Efficacy	115.5 LPW



Candela Distribution

Vert Angle	Horizontal Angle				
	0	22.5	45	67.5	90
0	1446	1446	1446	1446	1446
5	1439	1440	1440	1440	1440
10	1422	1420	1423	1423	1423
15	1393	1383	1391	1392	1389
20	1347	1338	1346	1346	1344
25	1292	1280	1289	1289	1286
30	1225	1214	1222	1220	1217
35	1149	1137	1146	1141	1138
40	1062	1054	1059	1054	1052
45	969	960	963	958	954
50	865	859	860	854	852
55	756	751	750	743	744
60	641	635	633	629	626
65	522	518	516	511	511
70	399	395	392	391	391
75	276	275	275	274	275
80	161	163	164	164	166
85	67	67	69	69	69
90	0	0	0	0	0

Luminance Data (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	11170	11101	10997
55	10744	10658	10573
65	10068	9952	9856
75	8692	8661	8661
85	6266	6453	6453

[1]*Based on ITL Reports 91449 and 93985.*
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.

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.

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.

LED: 25ºC 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. Lifetime calculated using IES TM-21. 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 & Output: Two lumen packages available. Standard and High (HO). 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 120°F/49°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 cricuit (M), Emergency circuit (E) 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 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, textured black, graphite 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.

Controls: nLight Air rES7 sensor provides wireless control, daylight harvesting and occupancy detection with PIR or 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.

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.