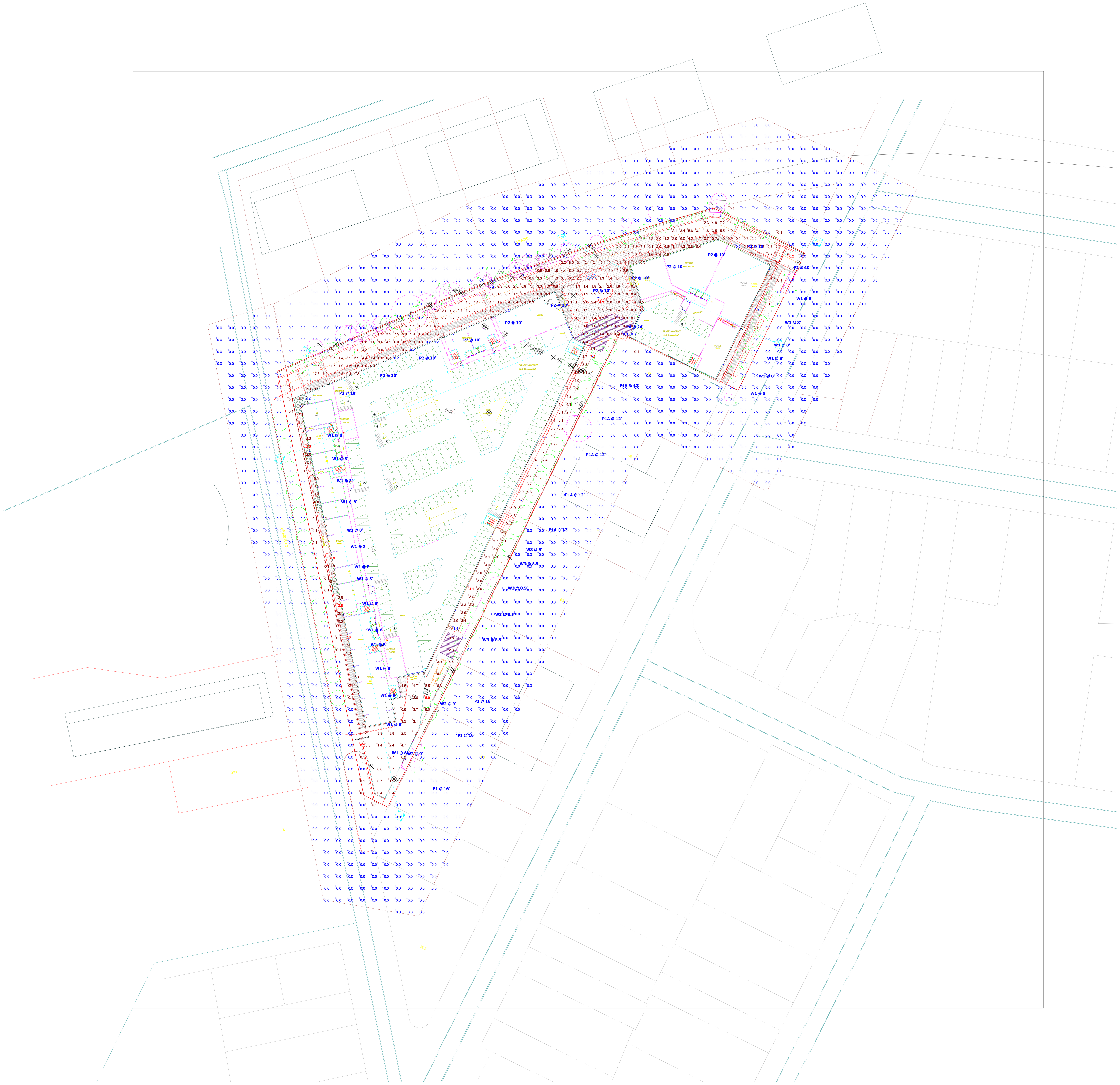


Plan View
Scale - 1" = 50ft

Schedule

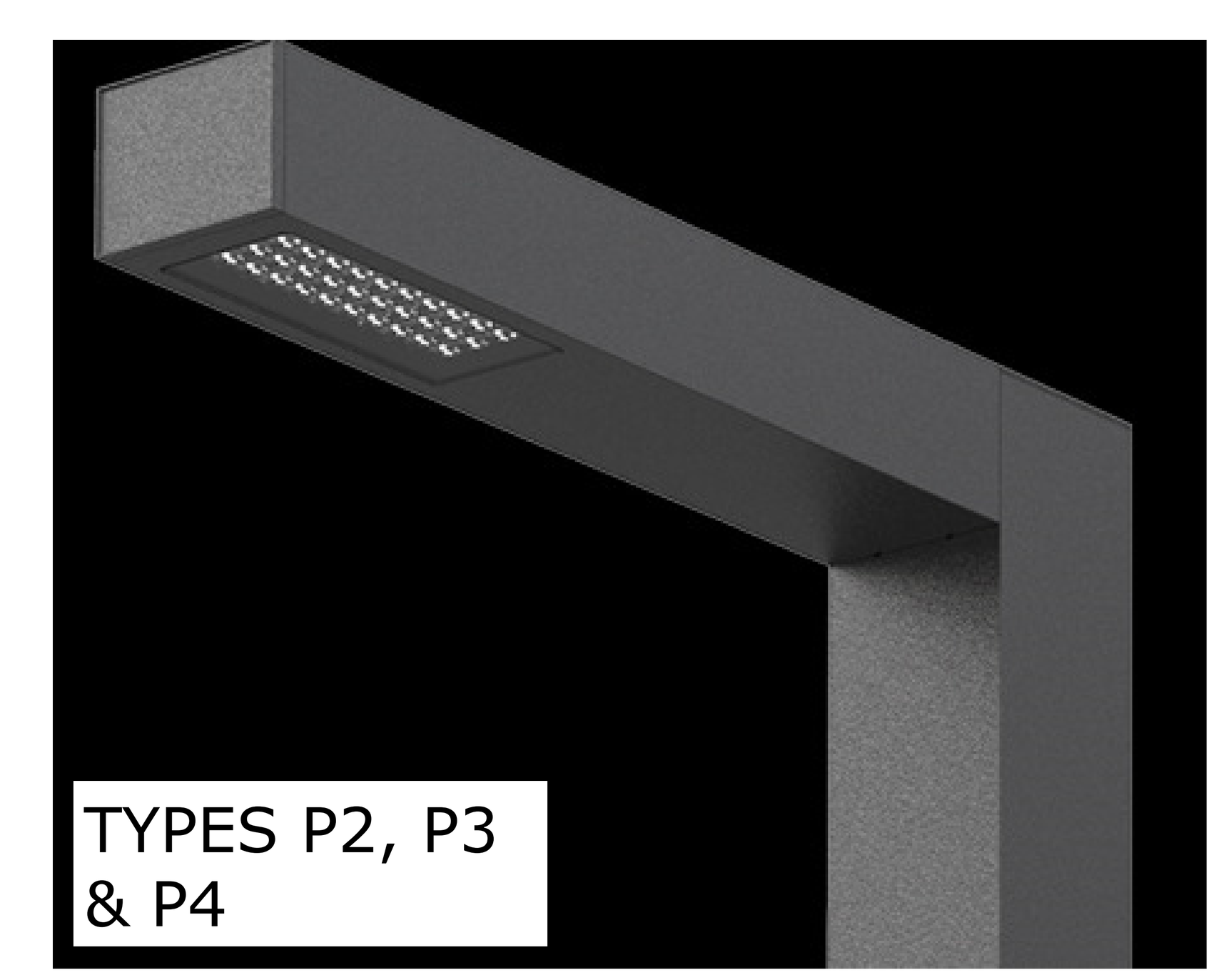
Symbol	Label	Image	Quantity	Manufacturer	Catalog Number	Description	Number Lamps	Lumens Per Lamp	Light Loss Factor	Wattage	Plot
	W1		21	Lithonia Lighting	WDGE2 LED P0 30K 70CRI T1S	WDGE2 LED WITH P0 - PERFORMANCE PACKAGE, 3000K, 70CRI, TYPE 1 SHORT OPTIC	1	733	1	6.8946	Max: 777cd
	W2		2	Lithonia Lighting	WDGE2 LED P3 30K 70CRI TFTM	WDGE2 LED WITH P3 - PERFORMANCE PACKAGE, 3000K, 70CRI, TYPE FORWARD THROW MEDIUM OPTIC	1	3317	1	32.1375	Max: 2281cd
	W3		5	Lithonia Lighting	WDGE2 LED P2 30K 70CRI T2M	WDGE2 LED WITH P2 - PERFORMANCE PACKAGE, 3000K, 70CRI, TYPE 2 MEDIUM OPTIC	1	2160	1	18.9815	Max: 1745cd
	P1		3	Lithonia Lighting	DSX0 LED P4 30K BLC MVOLT	DSX0 LED P4 30K BLC MVOLT	1	8035	1	92	Max: 5736cd
	P2		12	Luminis Canada Inc.	BVA21-L1L50-TYP4-HS	Bellevue Area House Side Shield	1	4703	1	44	Max: 3395cd
	P3		0	Luminis Canada Inc.	BVA21-L1L40-TYP2-HS	Bellevue Area House Side Shield	1	3955	1	33.7	Max: 2633cd
	P4		1	Luminis Canada Inc.	BVA31-L1L70-TYP4	Bellevue Area Amber	1	6509	1	131	Max: 3955cd
	P1A		5	Lithonia Lighting	DSX0 LED P1 30K T1S MVOLT HS	DSX0 LED P1 30K T1S MVOLT with houseside shield	1	3767	1	38	Max: 3604cd

Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
dog run area	+	3.0 fc	4.1 fc	1.4 fc	2.9:1	2.1:1
GARBAGE TRUCK ROUTE AREA	+	2.9 fc	6.9 fc	0.3 fc	23.0:1	9.7:1
INNISFIL SIDE WALKWAY	+	1.7 fc	2.8 fc	0.0 fc	N/A	N/A
LIGHT TRESS PASS	+	0.0 fc	0.2 fc	0.0 fc	N/A	N/A
ROUND ABOUT AREA	+	1.4 fc	4.3 fc	0.3 fc	14.3:1	4.7:1
TRACK SIDE WALKWAY	+	2.4 fc	9.8 fc	0.2 fc	49.0:1	12.0:1
WALKWAY ESSA SIDE	+	2.6 fc	3.5 fc	1.9 fc	1.8:1	1.4:1
WALKWAY FROM CENTER ROUND ABIUBT	+	3.8 fc	7.2 fc	0.8 fc	9.0:1	4.8:1

TYPES W1, W2, W3

TYPE P1 & P1A



TYPES P2, P3 & P4

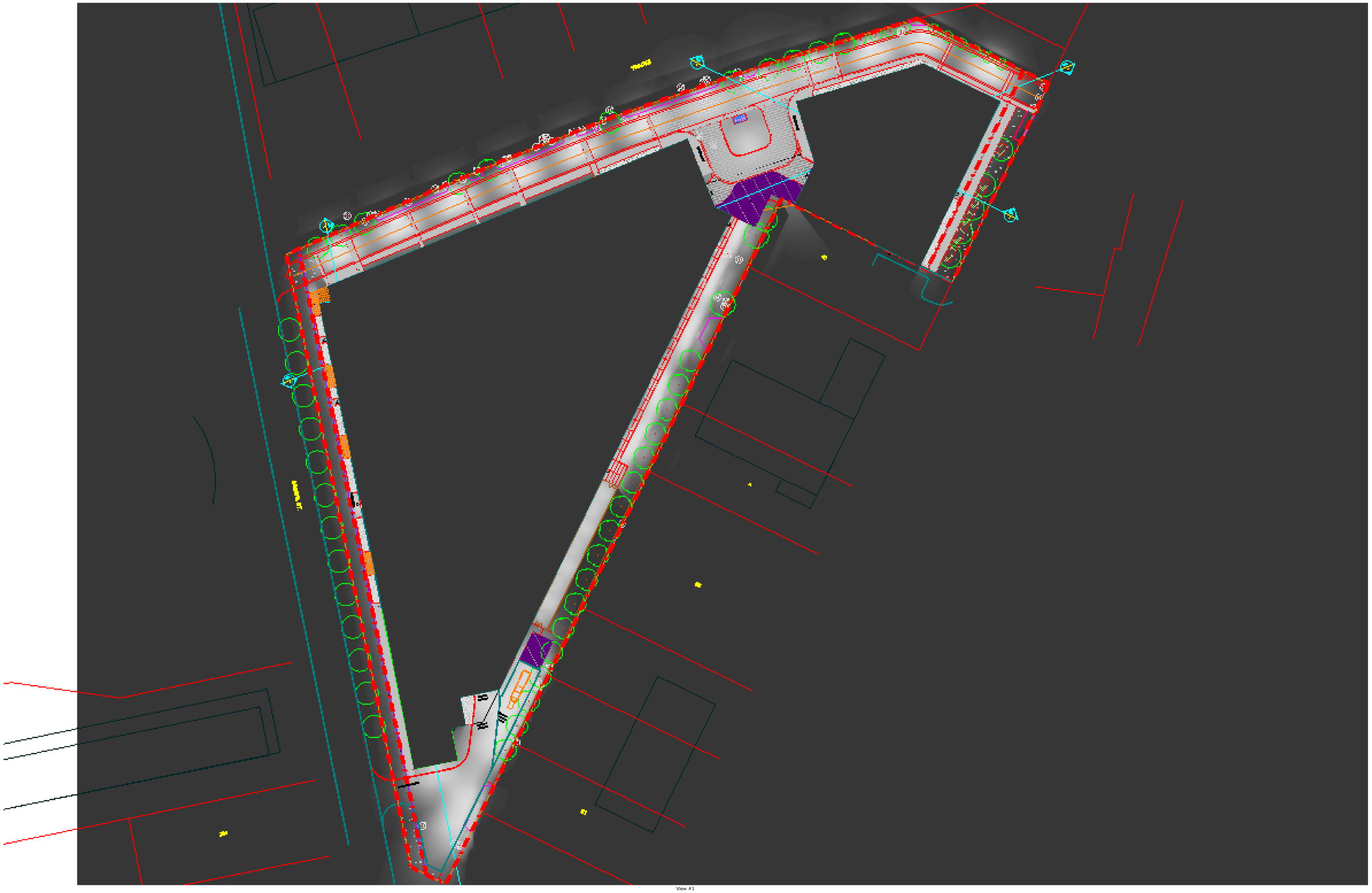
VISUAL

ESSA INNISFILL SITE LIGHTING REV02

Designer

Date 09/02/2021
Scale Not to Scale
Drawing No.

Summary



View #1

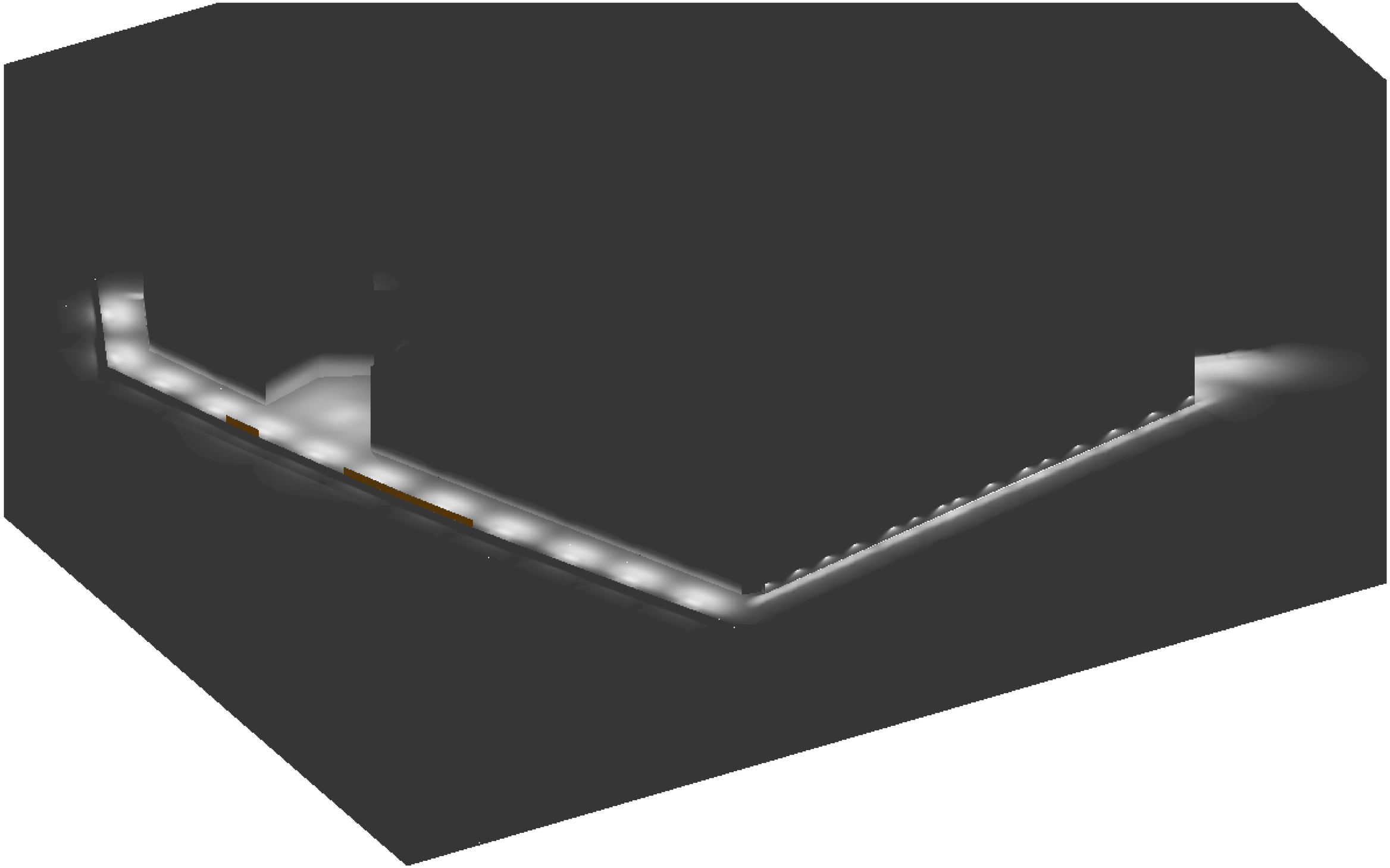
VISUAL

ESSA INNISFILL SITE LIGHTING REV01

Designer

Date
09/02/2021
Scale
Not to Scale
Drawing No.

Summary



View #2

VISUAL

ESSA INNISFILL SITE LIGHTING REV01

Designer

Date
09/02/2021
Scale
Not to Scale
Drawing No.

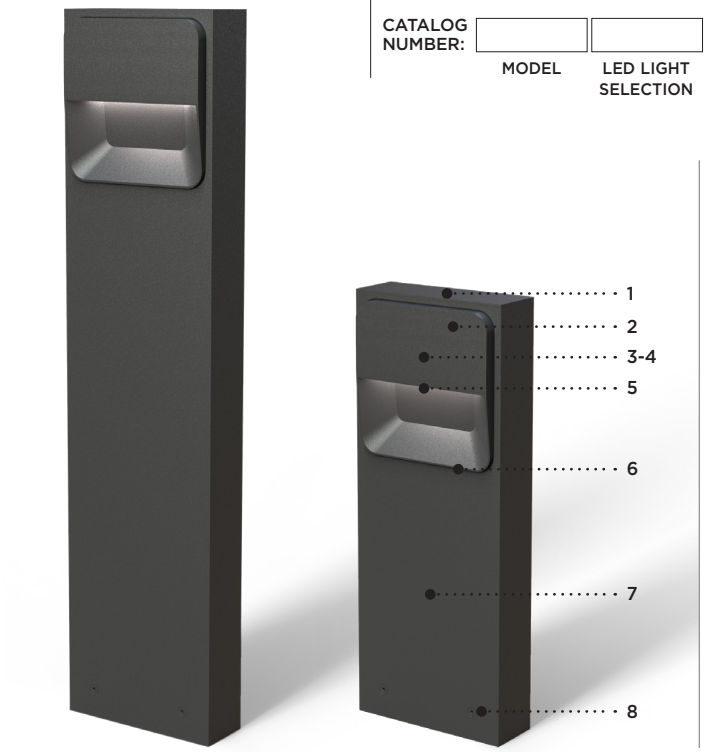
Summary

LUMINIS®

SN825B SERIES
SCENA - LED
BOLLARD

TYPE: _____ QUANTITY: _____ PROJECT: _____

CATALOG NUMBER:								
	MODEL	LED LIGHT SELECTION	CCT	HEIGHT	VOLTAGE	FINISH	OPTION	OPTION



1- Aluminum top cover.
2- Corrosion resistant diecast aluminum housing.
3- Integrated standard 0-10V driver (dim to <10%).
4- Precision LEDs with individual lenses for downlight asymmetric light.
5- Clear tampered glass.
6- Sealed enclosure with durable gaskets.
7- 9.5" (241mm) x 3.2" (81mm) extruded aluminum rectangular body.
8- All hardware in aluminum and stainless steel.

SN825B

MATERIALS
Scena is made of 6063-T6 extruded aluminum alloy and aluminum diecast offering exceptional precision and durability.
The main housing is perfectly sealed with durable gaskets. The integrated LED light module and 0-10V driver are protected by a clear tempered glass.
With a distinctive look and perceptible quality, Scena is designed for uniform lighting performance.

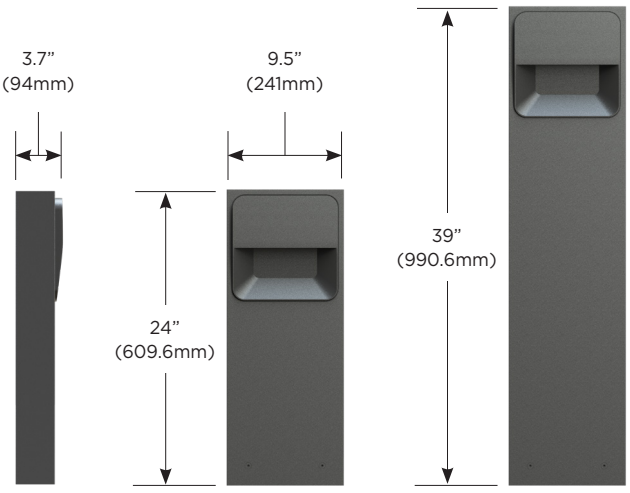
ELECTRICAL
DRIVER Standard driver is 0-10V dimming-ready (dims to <10%) with: 120-277 multi-volt compatibility (50-60Hz), operating temperature range of -30ºC/-22ºF to 60ºC/140ºF, over current and output short circuit protection.
LED Offered in 2700K, 3000K, 3500K & 4000K / 80CRI.
Optional amber LED (1350K) for turtle sensitive areas (wavelengths: 584.5nm to 597nm).

LIFETIME
60,000hrs $L_{70}B_{50}$ (based on LM-80 report for lumen maintenance).

FINISH
Five-stage preparation process includes preheating of cast aluminum parts for air extraction. Polyester powder coating is applied through an electrostatic process, and oven cured for long term finish.

CERTIFICATION
Tested to UL1598 and CSA 22.2 #250. cULus listed wet location.
Photometric testing performed by an independent laboratory in accordance with IES LM-79-08 standards at 25°C.
Lumen depreciation in accordance with IESNA LM80 standards.
Rated IP65

MOUNTING
Maximum weight: 24in 17lbs (7.7kg) / 39in 23.4lbs (10.6kg)
Scena bollard is designed for ease of access and installation.
The base plate is secured with a set of (4) 3/8"-16 x 10" lg. galvanized bent anchor bolts. See page 2 for pole base mounting details.



SN825B-H24 SN825B-H39

May 2021 Rev 0

LUMINAIRE SELECTION

1 MODEL

☐ SN825B

2 LED LIGHT SELECTION

WHITE LED SELECTION

SUFFIX	INPUT WATTS	DELIVERED LUMENS*
☐ L1L5	12W	553
☐ L1L8	19W	817

*4000K / 80CRI

AMBER LED SELECTION - TURTLE FRIENDLY

SUFFIX	INPUT WATTS	DELIVERED LUMENS*
☐ L1LK2A	7W	74

*1350K / 80CRI

3 CCT °K LED

- ☐ **K27** 2700K*
- ☐ **K30** 3000K*
- ☐ **K35** 3500K*
- ☐ **K40** 4000K*

*80CRI

4 BOLLARD HEIGHT

OPTION	HEIGHT
☐ **H24**	24"
☐ **H39**	39"

5 VOLTAGE

- ☐ 120V
- ☐ 208V
- ☐ 240V
- ☐ 277V

6 FINISH

STANDARD COLORS*

- ☐ **WHT** Snow white
- ☐ **BKT** Jet black
- ☐ **BZT** Bronze
- ☐ **MST** Matte silver
- ☐ **GRT** Titanium gray
- ☐ **DGT** Gun metal
- ☐ **CHT** Champagne
- ☐ **SGT** Steel gray
- ☐ **BGT** English cream

OPTIONAL COLORS

- ☐ **CS** Custom color
- ☐ **RAL** RAL# color

*Refer to color chart

OPTIONS

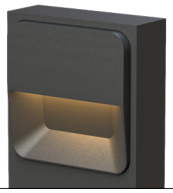
PHOTOCELL

☐ **PH** Thermal button photocell mounted on backside (as shown on image). Instant turn-on, standard 5-10 second turn-off time delay.

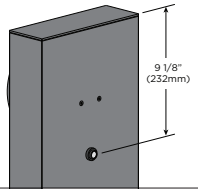
ENVIRONMENT

- ☐ **MG** Marine grade paint[1]
- ☐ **NT** Natatorium (only available in WHT and BKT)

OPTION DETAILS



TRUE AMBER LED
Optional amber LED (1350K) for turtle sensitive areas.
It protects local habitat and promotes sustainability.



PH
Thermal button photocell mounted on backside. Instant turn-on, standard 5-10 second turn-off time delay.

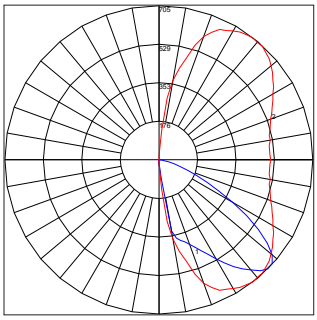
NOTES

1- Marine grade paint for harsh, coastal environment and exposure to salt water. Additional delay required please contact factory for info.
2- Tested with Jet Black paint (BKT)

LUMINIS | Toll free: 866.586.4647 Fax: 514.683.8872 Email: info@luminis.com
260 Labrosse, Pointe-Claire (QC) Canada H9R 5L5

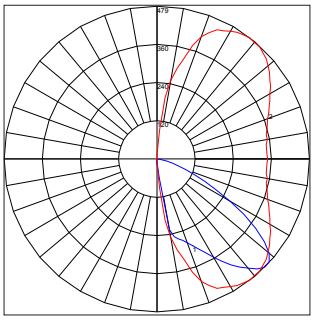
Luminaires may be altered for design improvement without prior notice.

TYPICAL PHOTOMETRY SUMMARY



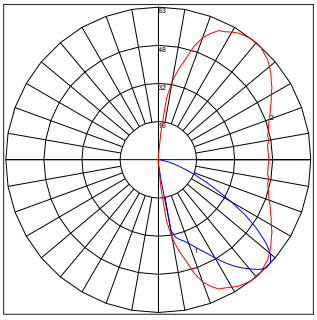
SN825B-L1L8

Total Lms: 817 Lumens
Total Input Watts: 18 W
Efficacy: 44.2 Lumens/Watt
CCT/CRI: 4000K/80
Max. Candela: 705 @ 52.5ºH/45ºV
BUG: B0-U0-G0[2]



SN825B-L1L5

Total Lms: 553 Lumens
Total Input Watts: 12.2 W
Efficacy: 45.5 Lumens/Watt
CCT/CRI: 4000K/80
Max. Candela: 479.4 @ 52.5ºH/45ºV
BUG: B0-U0-G0



SN825-L1LK2A

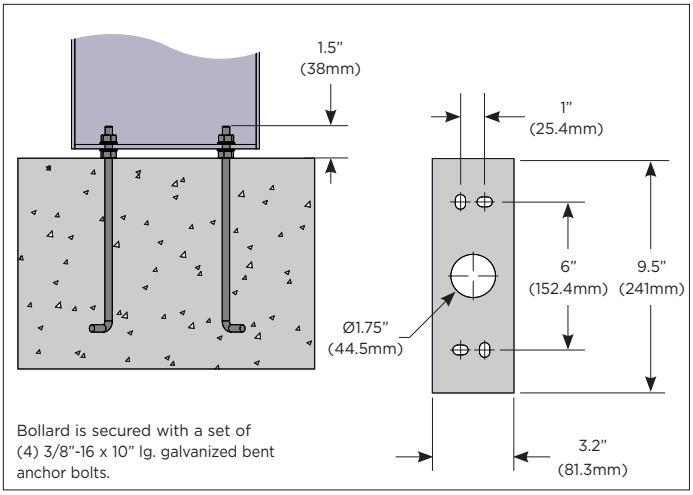
Total Lms: 74 Lumens
Total Input Watts: 6.8 W
Efficacy: 11 Lumens/Watt
CCT/CRI: 1350K/80
Max. Candela: 63.45 @ 52.5ºH/45ºV
BUG: B0-U0-G0

LUMEN CONVERSION FACTOR (LCF)

CCT	LCF	CRI
2700K	0.91	80
3000K	0.92	80
3500K	0.96	80
4000K	1.00	80

All Photometry shown use the Standard 80CRI 4000K LEDs.
Please visit our web site www.luminis.com for complete I.E.S. formatted download data

MOUNTING INFORMATION



LUMINIS®

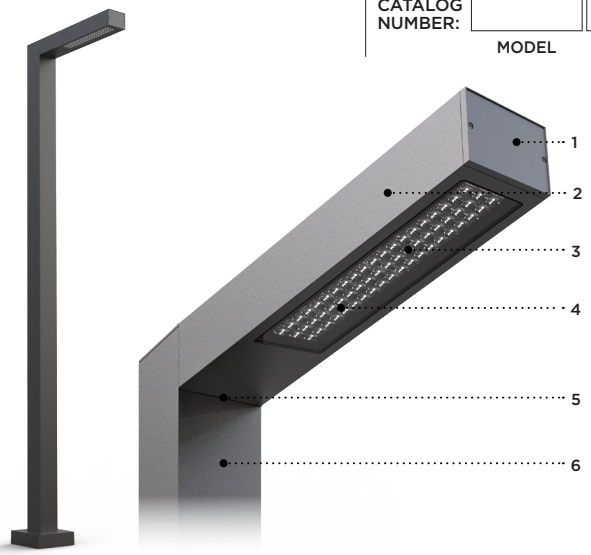
BVA21/BVA31/BVA32 SERIES

Bellevue - LED

POLE MOUNT

TYPE: _____ QUANTITY: _____ PROJECT: _____

CATALOG NUMBER:								
	MODEL	LED LIGHT SELECTION	POLE	VOLTAGE	FINISH	OPTION	OPTION	OPTION



1- Front cover constructed of corrosion resistant cast aluminum.
2- 4.5" (114mm) x 6" (152mm) Extruded aluminum optical chamber.
3- Modular LED boards with acrylic optics. 30 or 60 LEDs configurations available.
4- Clear tempered glass.
5- Heavy gauge steel mounting plate with leveling adjustment (5° total). Head mounting height can be customized upon request (contact factory).
6- 6" (152mm) x 6" (152mm) 6061-T6 aluminum pole. 0.25" wall thickness. All stainless steel hardware.

* BVA31-DL Module with aimable point source optic.

MATERIALS

Bellevue is made of 6063-T6 extruded aluminum alloy. Cast parts are made of corrosion resistant 356 aluminum alloy with a copper (CU) content of less than 0.1%.

LED board is assembled on a thick extruded aluminum profile and protected by a clear tempered glass. The acrylic optics provide a wide range of roadway optics. The driver is mounted either in the pole access door (Single Head Configuration) or in the pole top cap (P2, P290, P3, P4) for ease of maintenance.

ELECTRICAL

DRIVER Standard driver is 120-277V multi-volt compatibility (50-60Hz), 0-10V dimming-ready (dims to 10%). Optional 347/480V, operating temperatures of -40°C/-40°F to 55°C/131°F, output over voltage protection, output over current protection, output short circuit protection with auto-recovery.

LED Type II, III, IV or V light distribution via high performance optical lenses. Offered in 2700K, 3000K, 3500K, 4000K. See the CCT options for details. Optional true amber LED for turtle sensitive areas. Wavelengths: 584.5nm to 597nm.

LIFETIME

60,000hrs $L_{70}B_{50}$ (based on LM-80 report for lumen maintenance).

FINISH

Five-stage preparation process includes preheating of cast aluminum parts for air extraction. Polyester powder coating is applied through an electrostatic process, and oven cured for long term finish.

CERTIFICATION

Tested to UL1598 and CSA 22.2 #250. cULus listed wet location.

Photometric testing performed by an independent laboratory in accordance with IES LM-79-08 standards at 25°C. Lumen depreciation in accordance with IESNA LM80 standards. Rated IP65.

MOUNTING

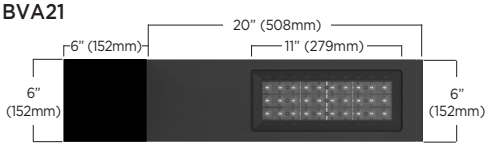
Maximum weight: 21 lbs (9.5 kg)

Bellevue is designed for ease of access and installation.

The head is secured on the pole by a set of (4) 5/16-18 bolts.

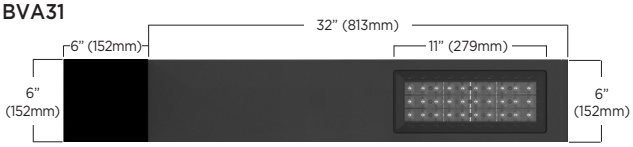
The cast aluminum base plate is secured with a set of (4) 3/4"-10 x 18" lg. galvanized anchor bolts. Accessibility is done through a flush mount 3" x 10" (76 x 254) hand hole cover plate. See page 4 for pole base mounting details.

BVA21



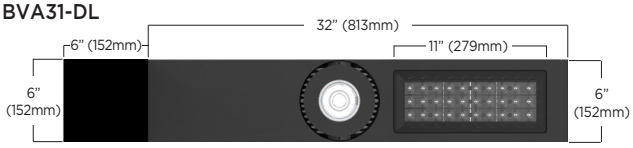
EPA value: 0.75 ft²

BVA31



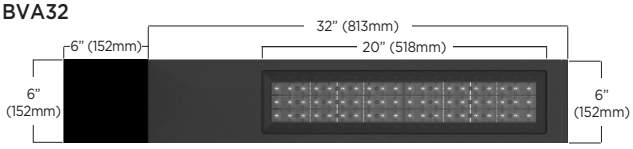
EPA value: 1.2 ft²

BVA31-DL



EPA value: 1.2 ft²

BVA32



EPA value: 1.2 ft²

Jan. 2021 Rev. 0

LUMINIS | Toll free: 866.586.4647 Fax: 514.683.8872 Email: info@luminis.com
260 Labrosse, Pointe-Claire (QC) Canada H9R 5L5

LUMINIS.COM

Luminaires may be altered for design improvement without prior notice.

LUMINAIRE SELECTION - BVA21/BVA31

1 MODEL

☐ BVA21

☐ BVA31

2 LED LIGHT SELECTION WHITE (4000K/70CRI)

TYPE	SUFFIX	DELIVERED LUMENS*	INPUT WATTS
TYPE II	☐ L1L40-TYP2	3989	34
	☐ L1L50-TYP2	5025	44
	☐ L1L60-TYP2	6019	55
	☐ L1L70-TYP2	6974	66
TYPE III	☐ L1L40-TYP3	3989	34
	☐ L1L50-TYP3	5025	44
	☐ L1L60-TYP3	6019	55
	☐ L1L70-TYP3	6974	66
TYPE IV	☐ L1L40-TYP4	3722	34
	☐ L1L50-TYP4	4689	44
	☐ L1L60-TYP4	5617	55
	☐ L1L70-TYP4	6508	66
TYPE V	☐ L1L40-TYP5	4122	34
	☐ L1L50-TYP5	5193	44
	☐ L1L60-TYP5	6220	55
	☐ L1L70-TYP5	7207	66

LED LIGHT SELECTION - AMBER

TYPE	SUFFIX	DELIVERED LUMENS*	INPUT WATTS
TYPE II	☐ L1LK2A-TYP2	1785	14
TYPE III	☐ L1LK2A-TYP3	1785	14
TYPE IV	☐ L1LK2A-TYP4	1666	14
TYPE V	☐ L1LK2A-TYP5	1845	14

3 POLE [10]

POLE MODEL	HEIGHT
☐ BVP610	120”
☐ BVP612	144”
☐ BVP614	168”
☐ BVP616	192”
☐ BVP618	216”
☐ BVP620	240”

4 VOLTAGE [1]

☐ 120V
☐ 208V
☐ 240V
☐ 277V

Optional
☐ 347V
☐ 480V

5 FINISH

STANDARD COLORS

☐ WHT Snow white
☐ BKT Jet black
☐ BZT Bronze
☐ MST Matte silver
☐ GRT Titanium gray
☐ DGT Gun metal
☐ CHT Champagne
☐ SGT Steel gray
☐ BGT English cream

OPTIONAL COLORS

☐ CS Custom color
☐ RAL RAL# color

(Refer to color chart)

DL MODULE

* Only available with BVA31

2B DL MODULE - LED LIGHT SELECTION WHITE (4000K/80CRI)

SUFFIX	DELIVERED LUMENS*	INPUT WATTS
☐ DL1L15	1461	14
☐ DL1L25	2384	24
☐ DL1L30	2877	30

DL MODULE - LED LIGHT SELECTION AMBER

SUFFIX	DELIVERED LUMENS*	INPUT WATTS
☐ DL1LK2A	249	10

DL MODULE - LED LIGHT SELECTION - VERY NARROW BEAM

SUFFIX	DELIVERED LUMENS*	INPUT WATTS
☐ DL1L15NR	1409	24

2C REFLECTOR - DL MODULE

☐ **R15** Narrow optics 15°
☐ **R30** Flood optics 30° (standard)
☐ **R55** Wide flood optics 52°

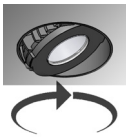
☐ **R9** Very narrow optics 9° Field angle 18° (38,305 candela) [6]

2D ACCESSORIES

☐ **HL** Hexcell (LCF 0.60). Not recommended with R55
☐ **SL** Solite lens (LCF 0.90)
☐ **LSL** Linear spread lens (Asymmetric lens distribution is achieved when light module is tilted)

Vertical Adjustment

360°



LED module is designed with a tilting mechanism allowing forward and back light adjustability.

The +_30° directional module allows to aim the light beam in the desired direction.

Fully adjustable 360° rotation.

Luminaires may be altered for design improvement without prior notice.

LUMINAIRE SELECTION - BVA32

1 MODEL

☐ BVA32

2 LED LIGHT SELECTION WHITE (4000K/70CRI)

TYPE	SUFFIX	DELIVERED LUMENS*	INPUT WATTS
TYPE II	☐ L2L80-TYP2	7978	68
	☐ L2L100-TYP2	10050	88
	☐ L2L120-TYP2	12038	110
	☐ L2L140-TYP2	13948	131
TYPE III	☐ L2L80-TYP3	7978	68
	☐ L2L100-TYP3	10050	88
	☐ L2L120-TYP3	12038	110
	☐ L2L140-TYP3	13948	131
TYPE IV	☐ L2L80-TYP4	7445	68
	☐ L2L100-TYP4	9378	88
	☐ L2L120-TYP4	11234	110
	☐ L2L140-TYP4	13016	131
TYPE V	☐ L2L80-TYP5	8244	68
	☐ L2L100-TYP5	10385	88
	☐ L2L120-TYP5	12441	110
	☐ L2L140-TYP5	14414	131

LED LIGHT SELECTION – AMBER

TYPE	SUFFIX	DELIVERED LUMENS*	INPUT WATTS
TYPE II	☐ L2LK2A-TYP2	3570	28
TYPE III	☐ L2LK2A-TYP3	3570	28
TYPE IV	☐ L2LK2A-TYP4	3331	28
TYPE V	☐ L2LK2A-TYP5	3689	28

3 POLE [10]

POLE MODEL	HEIGHT
☐ BVP610	120”
☐ BVP612	144”
☐ BVP614	168”
☐ BVP616	192”
☐ BVP618	216”
☐ BVP620	240”

4 VOLTAGE [1]

☐ 120V
☐ 208V
☐ 240V
☐ 277V

Optional
☐ 347V
☐ 480V

5 FINISH

STANDARD COLORS
☐ WHT Snow white
☐ BKT Jet black
☐ BZT Bronze
☐ MST Matte silver
☐ GRT Titanium gray
☐ DGT Gun metal
☐ CHT Champagne
☐ SGT Steel gray
☐ BGT English cream

OPTIONAL COLORS
☐ CS Custom color
☐ RAL RAL# color

(Refer to color chart)

OPTIONS

ELECTRICAL

☐ **FS** Fuse
☐ **PHSC** NEMA C136.41 7-PIN receptable with shorting cap preinstalled
☐ **PH7** NEMA C136.41 7-PIN receptacle with photocell sensor preinstalled
☐ **SP** 10kV surge protector
☐ **MS** Motion sensor device (high/low 25%). 270° coverage. [4]
☐ **MSH** In-head motion sensor device (high/low 25%). 300° coverage. [4, 9]

CCT/CRI

Alternate CCT °K LED (LCF: Lumen conversion factor)

☐ **K27E** 2700K / 70 CRI (LCF 0.91)
☐ **K30E** 3000K / 70 CRI (LCF 0.94)
☐ **K35E** 3500K / 70 CRI (LCF 0.983)
☐ **K40E** 4000K / 70 CRI
☐ **K35** 3500K / 80 CRI (LCF 0.8)
☐ **K40** 4000K / 80 CRI (LCF 0.83)

NOTE: Other CCT & higher CRI available, please consult factory.

☐ **HS** House side shield [3] (LCF 0.8)

POLE OPTIONS (see page 4 for details)

☐ **GFI** Ground fault circuit interruption flush receptacle [2]
☐ **CGF** Ground fault circuit interruption with clear in-use cover [2]
☐ **T15** Arm mounted on a 15° tilt. Note that the distribution of the illumination will be affected by the angle. [7]

Multiple mountings [5]
☐ **P2** Twin mount @ 180°
☐ **P290** Twin mount @ 90°
☐ **P3** Triple mount @ 90°
☐ **P4** Quadruple mount
☐ **PCST** Custom configuration. See separate custom configuration form to fill in the information

CONTROL

☐ **NLTAIR2** In-head nLight AIR 2.0 Motion Sensor. 300° coverage. [4, 8]

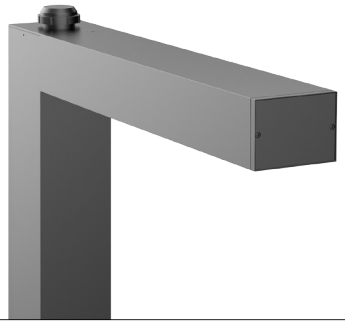
NOTES
1- If no voltage is specified, luminaires are factory prewired by default for 120V. For other voltages, please specify with catalog number, or consult factory.
2- GFI and CGF options are installed 30” above grade on access door side. CGF cover protrudes by 3.62” (92mm). 120V required for GFI or CGF.
3- HS not available on Type V. Cannot be installed on site.
4- Not compatible with PHSC and PH7 options.
5- For multiple mounting please verify with your local wind zone and with a recognized authority.
6- Amber, K27 and K35 options not available with the R9 optics.
7- T15 pole angled top cover only with Single Head Configuration.
8- Must link to external nLight Air network.
9- Not Available in 480V.
10- For 14’ to 20’ poles installed in Canada, consult factory.

LUMINIS®

LUMINIS | Toll free: 866.586.4647 Fax: 514.683.8872 Email: info@luminis.com
260 Labrosse, Pointe-Claire (QC) Canada H9R 5L5

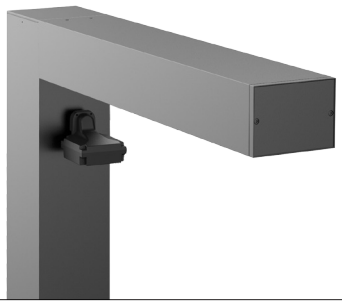
Luminaires may be altered for design improvement without prior notice.

ELECTRICAL DETAILS



PHSC
7-PIN receptacle with shorting cap option mounted on top of the pole as shown.

PH7
7-PIN receptacle with Photocell option mounted on top of the pole as shown.

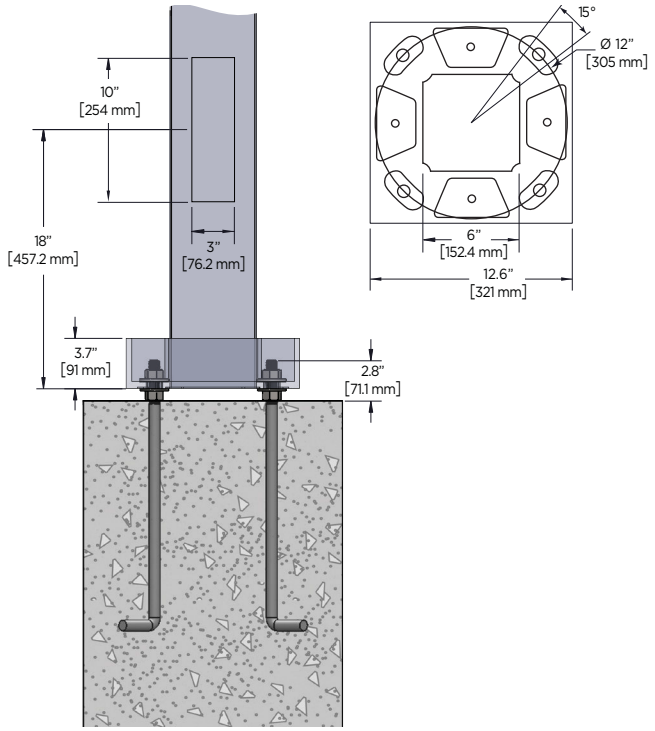


MS
Motion sensor module, mounted on pole as shown. 270° coverage. (Black or white) will be selected to best match fixture color.

MSH
Motion sensor module, mounted inside the head as shown. 300° coverage.

NLTAIR2
nLight AIR 2.0 motion sensor module mounted inside the head as shown.
300° coverage.

MOUNTING INFORMATION



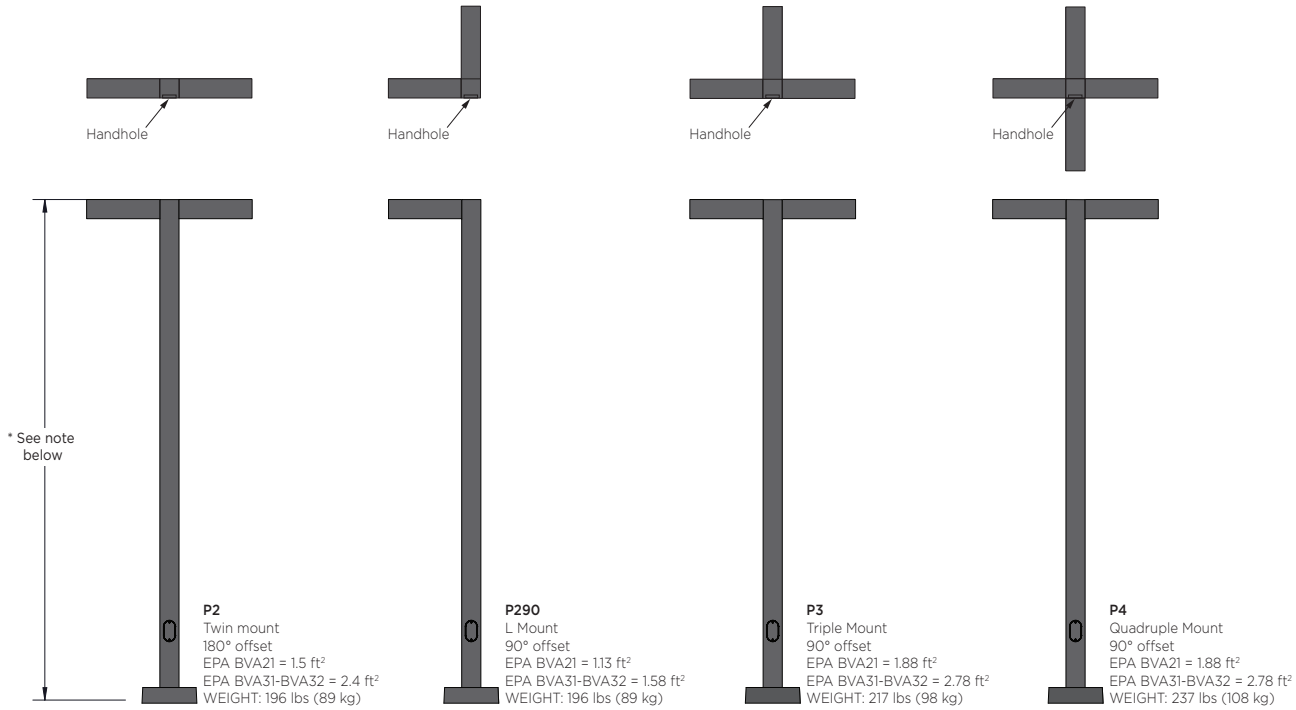
Column is secured with a set of (4) 3/4"-10 x 18" LG galvanized anchor bolts.

LUMINIS®

LUMINIS | Toll free: 866.586.4647 Fax: 514.683.8872 Email: info@luminis.com
260 Labrosse, Pointe-Claire (QC) Canada H9R 5L5

Luminaires may be altered for design improvement without prior notice.

POLE OPTIONS - MULTIPLE MOUNTINGS



P2
Twin mount
180° offset
EPA BVA21 = 1.5 ft²
EPA BVA31-BVA32 = 2.4 ft²
WEIGHT: 196 lbs (89 kg)

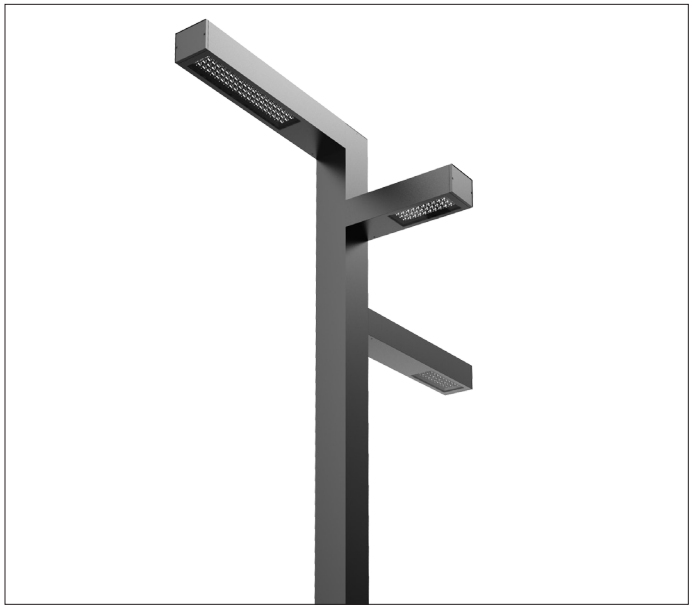
P290
L Mount
90° offset
EPA BVA21 = 1.13 ft²
EPA BVA31-BVA32 = 1.58 ft²
WEIGHT: 196 lbs (89 kg)

P3
Triple Mount
90° offset
EPA BVA21 = 1.88 ft²
EPA BVA31-BVA32 = 2.78 ft²
WEIGHT: 217 lbs (98 kg)

P4
Quadruple Mount
90° offset
EPA BVA21 = 1.88 ft²
EPA BVA31-BVA32 = 2.78 ft²
WEIGHT: 237 lbs (108 kg)

* Mounting configurations shown on this page are for 20ft height pole at 100mph wind. For different mounting configurations and wind zones please consult with factory and structural engineer. To specify these assemblies: Fixture quantity should be total number of fixture heads, and include the pole number and pole options. For 14' to 20' poles installed in Canada, consult factory.

PCST CUSTOM CONFIGURATION (See separate order form for details)



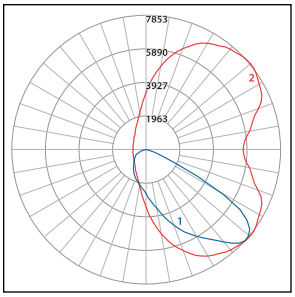
T15 15° tilt in arm

LUMINIS®

LUMINIS | Toll free: 866.586.4647 Fax: 514.683.8872 Email: info@luminis.com
260 Labrosse, Pointe-Claire (QC) Canada H9R 5L5

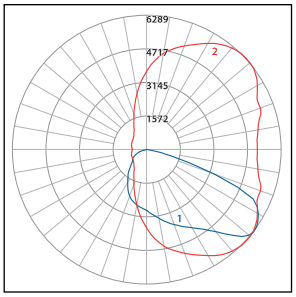
Luminaires may be altered for design improvement without prior notice.

TYPICAL PHOTOMETRY SUMMARY



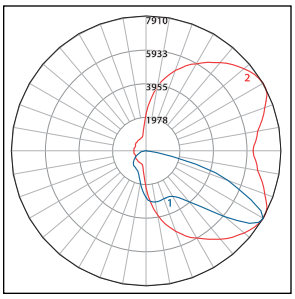
BVA21-L1L70-TYP2 / BVA31-L1L70-TYP2
Total Lms: 6974 Lumens
Total Input Watts: 65.5 W
BUG: B1-U0-G2
Maximum Candela: 3927 @ 37.5°H/47.5°V

BVA32-L2L140-TYP2
Total Lms: 13948 Lumens
Total Input Watts: 131 W
BUG: B2-U0-G2
Maximum Candela: 7853 @ 37.5°H/47.5°V



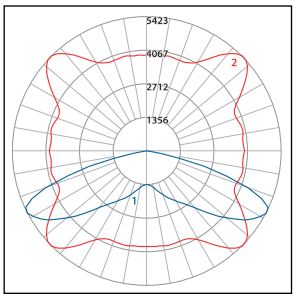
BVA21-L1L70-TYP3 / BVA31-L1L70-TYP3
Total Lms: 6974 Lumens
Total Input Watts: 65.5 W
BUG: B2-U0-G1
Maximum Candela: 3145 @ 42.5°H/52.5°V

BVA32-L2L140-TYP3
Total Lms: 13948 Lumens
Total Input Watts: 131 W
BUG: B3-U0-G2
Maximum Candela: 6289 @ 42.5°H/52.5°V



BVA21-L1L70-TYP4 / BVA31-L1L70-TYP4
Total Lms: 6508 Lumens
Total Input Watts: 65.5 W
BUG: B1-U0-G2
Maximum Candela: 3955 @ 30°H/60°V

BVA32-L2L140-TYP4
Total Lms: 13016 Lumens
Total Input Watts: 131 W
BUG: B2-U0-G2
Maximum Candela: 7910 @ 30°H/60°V



BVA21-L1L70-TYP5 / BVA31-L1L70-TYP5
Total Lms: 7207 Lumens
Total Input Watts: 65.5 W
BUG: B3-U0-G1
Maximum Candela: 2712 @ 135°H/62.5°V

BVA32-L2L140-TYP5
Total Lms: 14414 Lumens
Total Input Watts: 131 W
BUG: B4-U0-G2
Maximum Candela: 5423 @ 135°H/62.5°V

All Photometry shown use the Standard 70CRI 4000K LEDs

Please visit our web site www.luminis.com for complete I.E.S. formatted download data.

LUMINIS | Toll free: 866.586.4647 Fax: 514.683.8872 Email: info@luminis.com
260 Labrosse, Pointe-Claire (QC) Canada H9R 5L5

Luminaires may be altered for design improvement without prior notice.

LUMINIS®

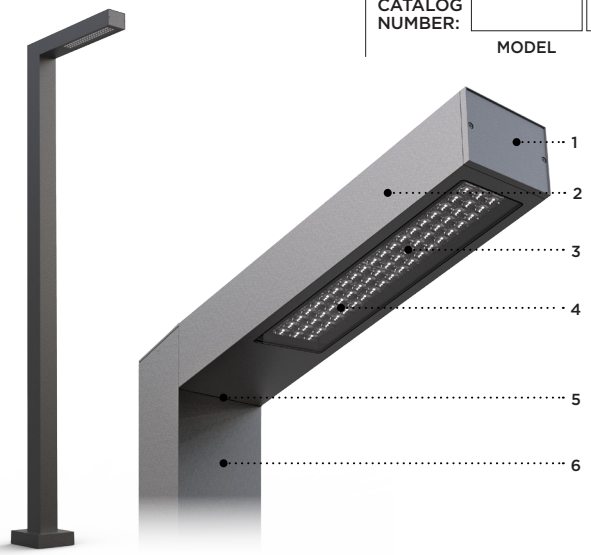
BVA21/BVA31/BVA32 SERIES

Bellevue - LED

POLE MOUNT

TYPE: _____ QUANTITY: _____ PROJECT: _____

CATALOG NUMBER:								
	MODEL	LED LIGHT SELECTION	POLE	VOLTAGE	FINISH	OPTION	OPTION	OPTION



1- Front cover constructed of corrosion resistant cast aluminum.
2- 4.5" (114mm) x 6" (152mm) Extruded aluminum optical chamber.
3- Modular LED boards with acrylic optics. 30 or 60 LEDs configurations available.
4- Clear tempered glass.
5- Heavy gauge steel mounting plate with leveling adjustment (5° total). Head mounting height can be customized upon request (contact factory).
6- 6" (152mm) x 6" (152mm) 6061-T6 aluminum pole. 0.25" wall thickness. All stainless steel hardware.

* BVA31-DL Module with aimable point source optic.

MATERIALS

Bellevue is made of 6063-T6 extruded aluminum alloy. Cast parts are made of corrosion resistant 356 aluminum alloy with a copper (CU) content of less than 0.1%.

LED board is assembled on a thick extruded aluminum profile and protected by a clear tempered glass. The acrylic optics provide a wide range of roadway optics. The driver is mounted either in the pole access door (Single Head Configuration) or in the pole top cap (P2, P290, P3, P4) for ease of maintenance.

ELECTRICAL

DRIVER Standard driver is 120-277V multi-volt compatibility (50-60Hz), 0-10V dimming-ready (dims to 10%). Optional 347/480V, operating temperatures of -40°C/-40°F to 55°C/131°F, output over voltage protection, output over current protection, output short circuit protection with auto-recovery.

LED Type II, III, IV or V light distribution via high performance optical lenses. Offered in 2700K, 3000K, 3500K, 4000K. See the CCT options for details. Optional true amber LED for turtle sensitive areas. Wavelengths: 584.5nm to 597nm.

LIFETIME

60,000hrs $L_{70}B_{50}$ (based on LM-80 report for lumen maintenance).

FINISH

Five-stage preparation process includes preheating of cast aluminum parts for air extraction. Polyester powder coating is applied through an electrostatic process, and oven cured for long term finish.

CERTIFICATION

Tested to UL1598 and CSA 22.2 #250. cULus listed wet location.

Photometric testing performed by an independent laboratory in accordance with IES LM-79-08 standards at 25°C. Lumen depreciation in accordance with IESNA LM80 standards. Rated IP65.

MOUNTING

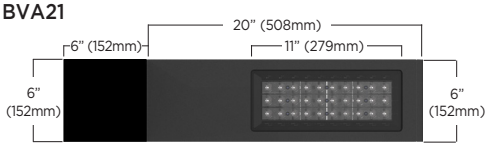
Maximum weight: 21 lbs (9.5 kg)

Bellevue is designed for ease of access and installation.

The head is secured on the pole by a set of (4) 5/16-18 bolts.

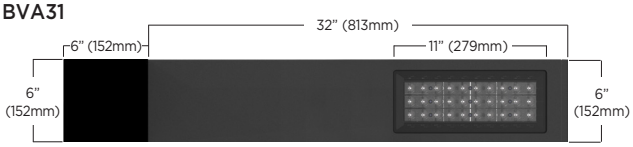
The cast aluminum base plate is secured with a set of (4) 3/4"-10 x 18" lg. galvanized anchor bolts. Accessibility is done through a flush mount 3" x 10" (76 x 254) hand hole cover plate. See page 4 for pole base mounting details.

BVA21



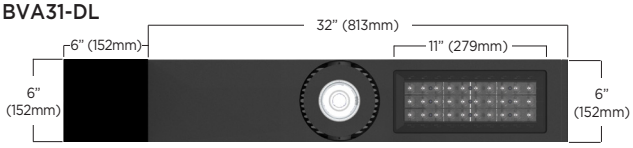
EPA value: 0.75 ft²

BVA31



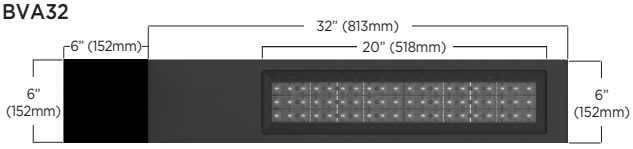
EPA value: 1.2 ft²

BVA31-DL



EPA value: 1.2 ft²

BVA32



EPA value: 1.2 ft²

Jan. 2021 Rev. 0

LUMINIS | Toll free: 866.586.4647 Fax: 514.683.8872 Email: info@luminis.com
260 Labrosse, Pointe-Claire (QC) Canada H9R 5L5

LUMINIS.COM

Luminaires may be altered for design improvement without prior notice.

LUMINAIRE SELECTION - BVA21/BVA31

1 MODEL

☐ BVA21

☐ BVA31

2 LED LIGHT SELECTION WHITE (4000K/70CRI)

TYPE	SUFFIX	DELIVERED LUMENS*	INPUT WATTS
TYPE II	☐ L1L40-TYP2	3989	34
	☐ L1L50-TYP2	5025	44
	☐ L1L60-TYP2	6019	55
	☐ L1L70-TYP2	6974	66
TYPE III	☐ L1L40-TYP3	3989	34
	☐ L1L50-TYP3	5025	44
	☐ L1L60-TYP3	6019	55
	☐ L1L70-TYP3	6974	66
TYPE IV	☐ L1L40-TYP4	3722	34
	☐ L1L50-TYP4	4689	44
	☐ L1L60-TYP4	5617	55
	☐ L1L70-TYP4	6508	66
TYPE V	☐ L1L40-TYP5	4122	34
	☐ L1L50-TYP5	5193	44
	☐ L1L60-TYP5	6220	55
	☐ L1L70-TYP5	7207	66

LED LIGHT SELECTION - AMBER

TYPE	SUFFIX	DELIVERED LUMENS*	INPUT WATTS
TYPE II	☐ L1LK2A-TYP2	1785	14
TYPE III	☐ L1LK2A-TYP3	1785	14
TYPE IV	☐ L1LK2A-TYP4	1666	14
TYPE V	☐ L1LK2A-TYP5	1845	14

3 POLE [10]

POLE MODEL	HEIGHT
☐ BVP610	120”
☐ BVP612	144”
☐ BVP614	168”
☐ BVP616	192”
☐ BVP618	216”
☐ BVP620	240”

4 VOLTAGE [1]

☐ 120V
☐ 208V
☐ 240V
☐ 277V

Optional
☐ 347V
☐ 480V

5 FINISH

STANDARD COLORS

☐ WHT Snow white
☐ BKT Jet black
☐ BZT Bronze
☐ MST Matte silver
☐ GRT Titanium gray
☐ DGT Gun metal
☐ CHT Champagne
☐ SGT Steel gray
☐ BGT English cream

OPTIONAL COLORS

☐ CS Custom color
☐ RAL RAL# color

(Refer to color chart)

DL MODULE

* Only available with BVA31

2B DL MODULE - LED LIGHT SELECTION WHITE (4000K/80CRI)

SUFFIX	DELIVERED LUMENS*	INPUT WATTS
☐ DL1L15	1461	14
☐ DL1L25	2384	24
☐ DL1L30	2877	30

DL MODULE - LED LIGHT SELECTION AMBER

SUFFIX	DELIVERED LUMENS*	INPUT WATTS
☐ DL1LK2A	249	10

DL MODULE - LED LIGHT SELECTION - VERY NARROW BEAM

SUFFIX	DELIVERED LUMENS*	INPUT WATTS
☐ DL1L15NR	1409	24

2C REFLECTOR - DL MODULE

☐ **R15** Narrow optics 15°
☐ **R30** Flood optics 30° (standard)
☐ **R55** Wide flood optics 52°

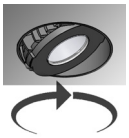
☐ **R9** Very narrow optics 9° Field angle 18° (38,305 candela) [6]

2D ACCESSORIES

☐ **HL** Hexcell (LCF 0.60). Not recommended with R55
☐ **SL** Solite lens (LCF 0.90)
☐ **LSL** Linear spread lens (Asymmetric lens distribution is achieved when light module is tilted)

Vertical Adjustment

360°



LED module is designed with a tilting mechanism allowing forward and back light adjustability.

The +_30° directional module allows to aim the light beam in the desired direction.

Fully adjustable 360° rotation.

Luminaires may be altered for design improvement without prior notice.

LUMINAIRE SELECTION - BVA32

1 MODEL

☐ BVA32

2 LED LIGHT SELECTION WHITE (4000K/70CRI)

TYPE	SUFFIX	DELIVERED LUMENS*	INPUT WATTS
TYPE II	☐ L2L80-TYP2	7978	68
	☐ L2L100-TYP2	10050	88
	☐ L2L120-TYP2	12038	110
	☐ L2L140-TYP2	13948	131
TYPE III	☐ L2L80-TYP3	7978	68
	☐ L2L100-TYP3	10050	88
	☐ L2L120-TYP3	12038	110
	☐ L2L140-TYP3	13948	131
TYPE IV	☐ L2L80-TYP4	7445	68
	☐ L2L100-TYP4	9378	88
	☐ L2L120-TYP4	11234	110
	☐ L2L140-TYP4	13016	131
TYPE V	☐ L2L80-TYP5	8244	68
	☐ L2L100-TYP5	10385	88
	☐ L2L120-TYP5	12441	110
	☐ L2L140-TYP5	14414	131

LED LIGHT SELECTION – AMBER

TYPE	SUFFIX	DELIVERED LUMENS*	INPUT WATTS
TYPE II	☐ L2LK2A-TYP2	3570	28
TYPE III	☐ L2LK2A-TYP3	3570	28
TYPE IV	☐ L2LK2A-TYP4	3331	28
TYPE V	☐ L2LK2A-TYP5	3689	28

3 POLE [10]

POLE MODEL	HEIGHT
☐ BVP610	120”
☐ BVP612	144”
☐ BVP614	168”
☐ BVP616	192”
☐ BVP618	216”
☐ BVP620	240”

4 VOLTAGE [1]

☐ 120V
☐ 208V
☐ 240V
☐ 277V

Optional
☐ 347V
☐ 480V

5 FINISH

STANDARD COLORS
☐ WHT Snow white
☐ BKT Jet black
☐ BZT Bronze
☐ MST Matte silver
☐ GRT Titanium gray
☐ DGT Gun metal
☐ CHT Champagne
☐ SGT Steel gray
☐ BGT English cream

OPTIONAL COLORS
☐ CS Custom color
☐ RAL RAL# color

(Refer to color chart)

OPTIONS

ELECTRICAL

☐ **FS** Fuse
☐ **PHSC** NEMA C136.41 7-PIN receptable with shorting cap preinstalled
☐ **PH7** NEMA C136.41 7-PIN receptacle with photocell sensor preinstalled
☐ **SP** 10kV surge protector
☐ **MS** Motion sensor device (high/low 25%). 270° coverage. [4]
☐ **MSH** In-head motion sensor device (high/low 25%). 300° coverage. [4, 9]

CCT/CRI

Alternate CCT °K LED (LCF: Lumen conversion factor)

☐ **K27E** 2700K / 70 CRI (LCF 0.91)
☐ **K30E** 3000K / 70 CRI (LCF 0.94)
☐ **K35E** 3500K / 70 CRI (LCF 0.983)
☐ **K40E** 4000K / 70 CRI
☐ **K35** 3500K / 80 CRI (LCF 0.8)
☐ **K40** 4000K / 80 CRI (LCF 0.83)

NOTE: Other CCT & higher CRI available, please consult factory.

☐ **HS** House side shield [3] (LCF 0.8)

POLE OPTIONS (see page 4 for details)

☐ **GFI** Ground fault circuit interruption flush receptacle [2]
☐ **CGF** Ground fault circuit interruption with clear in-use cover [2]
☐ **T15** Arm mounted on a 15° tilt. Note that the distribution of the illumination will be affected by the angle. [7]

Multiple mountings [5]
☐ **P2** Twin mount @ 180°
☐ **P290** Twin mount @ 90°
☐ **P3** Triple mount @ 90°
☐ **P4** Quadruple mount
☐ **PCST** Custom configuration. See separate custom configuration form to fill in the information

CONTROL

☐ **NLTAIR2** In-head nLight AIR 2.0 Motion Sensor. 300° coverage. [4, 8]

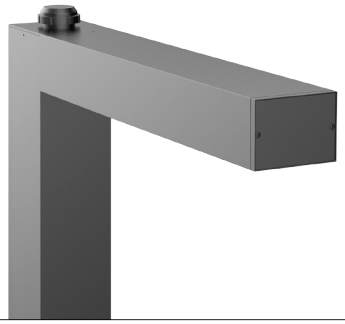
NOTES
1- If no voltage is specified, luminaires are factory prewired by default for 120V. For other voltages, please specify with catalog number, or consult factory.
2- GFI and CGF options are installed 30” above grade on access door side. CGF cover protrudes by 3.62” (92mm). 120V required for GFI or CGF.
3- HS not available on Type V. Cannot be installed on site.
4- Not compatible with PHSC and PH7 options.
5- For multiple mounting please verify with your local wind zone and with a recognized authority.
6- Amber, K27 and K35 options not available with the R9 optics.
7- T15 pole angled top cover only with Single Head Configuration.
8- Must link to external nLight Air network.
9- Not Available in 480V.
10- For 14’ to 20’ poles installed in Canada, consult factory.

LUMINIS®

LUMINIS | Toll free: 866.586.4647 Fax: 514.683.8872 Email: info@luminis.com
260 Labrosse, Pointe-Claire (QC) Canada H9R 5L5

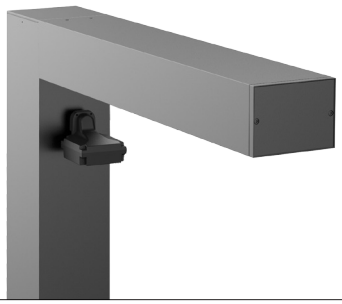
Luminaires may be altered for design improvement without prior notice.

ELECTRICAL DETAILS



PHSC
7-PIN receptacle with shorting cap option mounted on top of the pole as shown.

PH7
7-PIN receptacle with Photocell option mounted on top of the pole as shown.

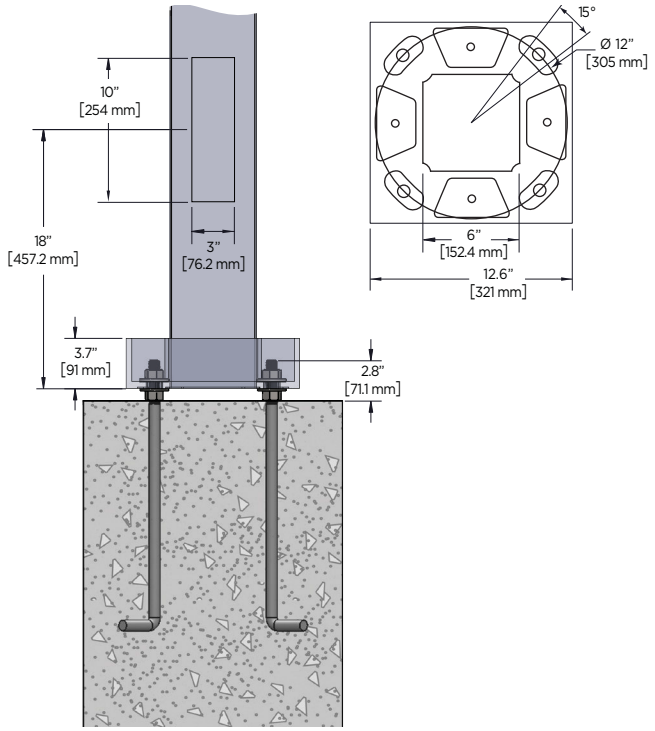


MS
Motion sensor module, mounted on pole as shown. 270° coverage. (Black or white) will be selected to best match fixture color.

MSH
Motion sensor module, mounted inside the head as shown. 300° coverage.

NLTAIR2
nLight AIR 2.0 motion sensor module mounted inside the head as shown.
300° coverage.

MOUNTING INFORMATION



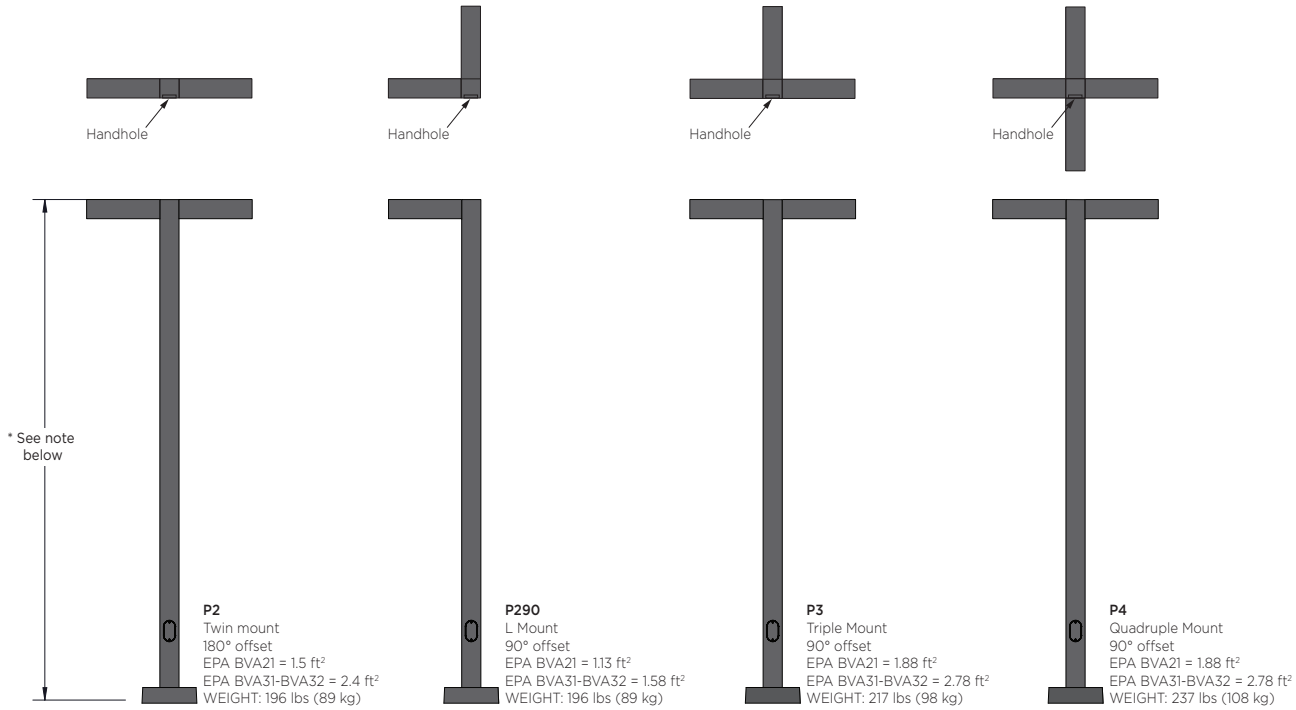
Column is secured with a set of (4) 3/4"-10 x 18" LG galvanized anchor bolts.

LUMINIS®

LUMINIS | Toll free: 866.586.4647 Fax: 514.683.8872 Email: info@luminis.com
260 Labrosse, Pointe-Claire (QC) Canada H9R 5L5

Luminaires may be altered for design improvement without prior notice.

POLE OPTIONS - MULTIPLE MOUNTINGS



P2
Twin mount
180° offset
EPA BVA21 = 1.5 ft²
EPA BVA31-BVA32 = 2.4 ft²
WEIGHT: 196 lbs (89 kg)

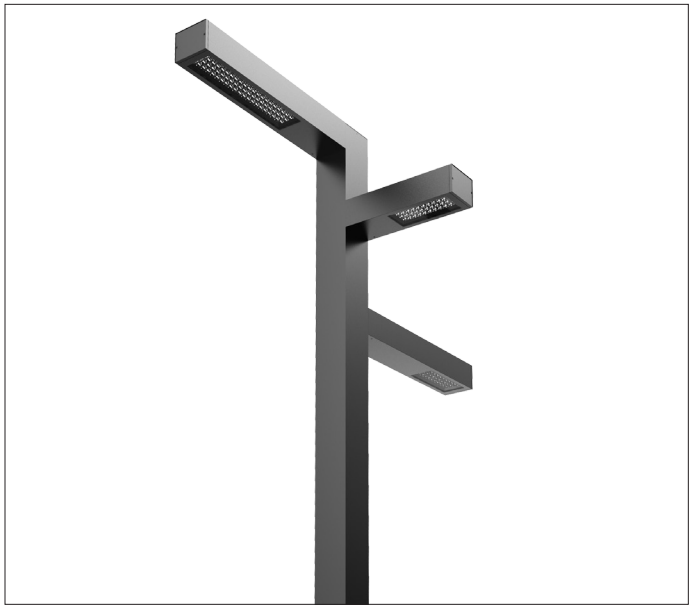
P290
L Mount
90° offset
EPA BVA21 = 1.13 ft²
EPA BVA31-BVA32 = 1.58 ft²
WEIGHT: 196 lbs (89 kg)

P3
Triple Mount
90° offset
EPA BVA21 = 1.88 ft²
EPA BVA31-BVA32 = 2.78 ft²
WEIGHT: 217 lbs (98 kg)

P4
Quadruple Mount
90° offset
EPA BVA21 = 1.88 ft²
EPA BVA31-BVA32 = 2.78 ft²
WEIGHT: 237 lbs (108 kg)

* Mounting configurations shown on this page are for 20ft height pole at 100mph wind. For different mounting configurations and wind zones please consult with factory and structural engineer. To specify these assemblies: Fixture quantity should be total number of fixture heads, and include the pole number and pole options. For 14' to 20' poles installed in Canada, consult factory.

PCST CUSTOM CONFIGURATION (See separate order form for details)



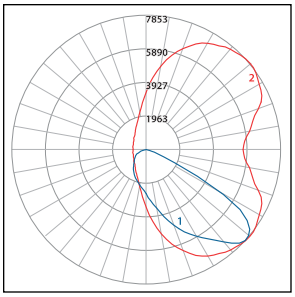
T15 15° tilt in arm

LUMINIS®

LUMINIS | Toll free: 866.586.4647 Fax: 514.683.8872 Email: info@luminis.com
260 Labrosse, Pointe-Claire (QC) Canada H9R 5L5

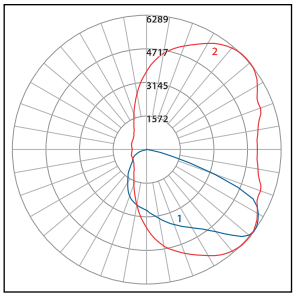
Luminaires may be altered for design improvement without prior notice.

TYPICAL PHOTOMETRY SUMMARY



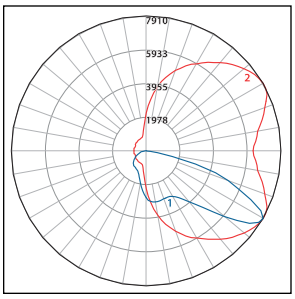
BVA21-L1L70-TYP2 / BVA31-L1L70-TYP2
Total Lms: 6974 Lumens
Total Input Watts: 65.5 W
BUG: B1-U0-G2
Maximum Candela: 3927 @ 37.5°H/47.5°V

BVA32-L2L140-TYP2
Total Lms: 13948 Lumens
Total Input Watts: 131 W
BUG: B2-U0-G2
Maximum Candela: 7853 @ 37.5°H/47.5°V



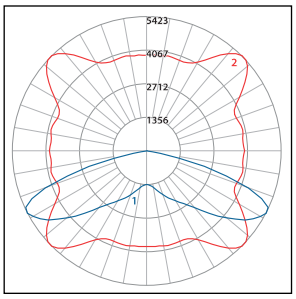
BVA21-L1L70-TYP3 / BVA31-L1L70-TYP3
Total Lms: 6974 Lumens
Total Input Watts: 65.5 W
BUG: B2-U0-G1
Maximum Candela: 3145 @ 42.5°H/52.5°V

BVA32-L2L140-TYP3
Total Lms: 13948 Lumens
Total Input Watts: 131 W
BUG: B3-U0-G2
Maximum Candela: 6289 @ 42.5°H/52.5°V



BVA21-L1L70-TYP4 / BVA31-L1L70-TYP4
Total Lms: 6508 Lumens
Total Input Watts: 65.5 W
BUG: B1-U0-G2
Maximum Candela: 3955 @ 30°H/60°V

BVA32-L2L140-TYP4
Total Lms: 13016 Lumens
Total Input Watts: 131 W
BUG: B2-U0-G2
Maximum Candela: 7910 @ 30°H/60°V



BVA21-L1L70-TYP5 / BVA31-L1L70-TYP5
Total Lms: 7207 Lumens
Total Input Watts: 65.5 W
BUG: B3-U0-G1
Maximum Candela: 2712 @ 135°H/62.5°V

BVA32-L2L140-TYP5
Total Lms: 14414 Lumens
Total Input Watts: 131 W
BUG: B4-U0-G2
Maximum Candela: 5423 @ 135°H/62.5°V

All Photometry shown use the Standard 70CRI 4000K LEDs

Please visit our web site www.luminis.com for complete I.E.S. formatted download data.

LUMINIS | Toll free: 866.586.4647 Fax: 514.683.8872 Email: info@luminis.com
260 Labrosse, Pointe-Claire (QC) Canada H9R 5L5

Luminaires may be altered for design improvement without prior notice.

WDGE2 LED

Architectural Wall Sconce
Precision Refractive Optic

Buy American

Catalog Number

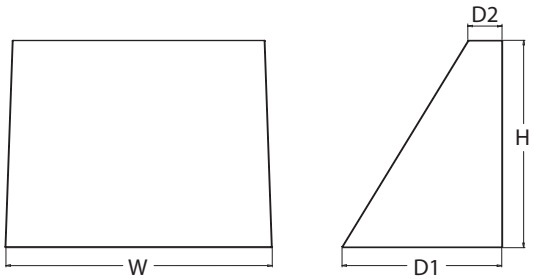
Notes

Type

Hit the Tab key or mouse over the page to see all interactive elements.

Specifications

Depth (D1): 7"
Depth (D2): 1.5"
Height: 9"
Width: 11.5"
Weight: (without options) 13.5 lbs



Introduction

The WDGE LED family is designed to meet specifier's every wall-mounted lighting need in a widely accepted shape that blends with any architecture. The clean rectilinear design comes in four sizes with lumen packages ranging from 1,200 to 25,000 lumens, providing a true site-wide solution. Embedded with nLight® AIR wireless controls, the WDGE family provides additional energy savings and code compliance.

WDGE2 with industry leading precision refractive optics provides great uniform distribution and optical control. When combined with multiple integrated emergency battery backup options, including an 18W cold temperature option, the WDGE2 becomes the ideal wall-mounted lighting solution for pedestrian scale applications in any environment.

WDGE LED Family Overview

Luminaire	Optics	Standard EM, 0°C	Cold EM, -20°C	Sensor	Approximate Lumens (4000K, 80CRI)						
					P0	P1	P2	P3	P4	P5	P6
WDGE1 LED	Visual Comfort	4W		--	750	1,200	2,000	--	--	--	--
WDGE2 LED	Visual Comfort	10W	18W	Standalone / nLight	--	1,200	2,000	3,000	4,500	6,000	--
WDGE2 LED	Precision Refractive	10W	18W	Standalone / nLight	700	1,200	2,000	3,200	4,200	--	--
WDGE3 LED	Precision Refractive	15W	18W	Standalone / nLight	--	7,500	8,500	10,000	12,000	--	--
WDGE4 LED	Precision Refractive			Standalone / nLight	--	12,000	16,000	18,000	20,000	22,000	25,000

Ordering Information

EXAMPLE: WDGE2 LED P3 40K 80CRI VF MVOLT SRM DDBXD

Series	Package	Color Temperature	CRI	Distribution	Voltage	Mounting
WDGE2 LED	P0[1]	27K 2700K	70CRI[4]	T1S Type I Short	MVOLT	**Shipped included**
	P1[2]	30K 3000K	80CRI	T2M Type II Medium	347[5]	SRM Surface mounting bracket
	P2[2]	40K 4000K	LW[3] Limited Wavelength	T3M Type III Medium	480[5]	ICW Indirect Canopy/Ceiling Washer bracket (dry/damp locations only)[6]
	P3[2]	50K 5000K		T4M Type IV Medium		**Shipped separately**
	P4[2]	AMB[3] Amber		TFTM Forward Throw Medium		AWS 3/8inch Architectural wall spacer
						PBBW S urface-mounted back box (top, left, right conduit entry). Use when there is no junction box available.

Options

E10WH	Emergency battery backup, Certified in CA Title 20 MAEDBS (10W, 5°C min)
E20WC	Emergency battery backup, Certified in CA Title 20 MAEDBS (18W, -20°C min)
PE[7]	Photocell, Button Type
DMG[8]	0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately)
BCE	Bottom conduit entry for back box (PBBW). Total of 4 entry points.

Standalone Sensors/Controls

PIR	Bi-level (100/35%) motion sensor for 8-15' mounting heights. Intended for use on switched circuits with external dusk to dawn switching.
PIRH	Bi-level (100/35%) motion sensor for 15-30' mounting heights. Intended for use on switched circuits with external dusk to dawn switching
PIR1FC3V	Bi-level (100/35%) motion sensor for 8-15' mounting heights with photocell pre-programmed for dusk to dawn operation.
PIRH1FC3V	Bi-level (100/35%) motion sensor for 15-30' mounting heights with photocell pre-programmed for dusk to dawn operation.

Networked Sensors/Controls

NLTAIR2 PIR	nLightAIR Wireless enabled bi-level motion/ambient sensor for 8-15' mounting heights.
NLTAIR2 PIRH	nLightAIR Wireless enabled bi-level motion/ambient sensor for 15-30' mounting heights.

See page 4 for out of box functionality

Finish

DDBXD	Dark bronze
DBLXD	Black
DNAXD	Natural aluminum
DWHXD	White
DSSXD	Sandstone
DDBTXD	Textured dark bronze
DBLBXD	Textured black
DNATXD	Textured natural aluminum
DWHGXD	Textured white
DSSTXD	Textured sandstone

One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.lithonia.com
© 2019-2021 Acuity Brands Lighting, Inc. All rights reserved.

Accessories

Ordered and shipped separately.

WDGEAWS DDBXD U	WDGE 3/8inch Architectural Wall Spacer (specify finish)
WDGE2PBBW DDBXD U	WDGE2 surface-mounted back box (specify finish)

NOTES

1 P0 option not available with sensors/controls.
2 P1-P4 not available with AMB and LW.
3 AMB and LW always go together.
4 70CRI only available with T3M and T4M.
5 347V and 480V not available with E10WH or E20WC.
6 Not qualified for DLC. Not available with emergency battery backup or sensors/controls.
7 PE not available in 480V or with sensors/controls.
8 DMG option not available with sensors/controls.

Performance Data

Lumen Output

Lumen values are from photometric tests performed in accordance with IESNA LM-79-08. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. Contact factory for performance data on any configurations not shown here.

Performance Package	System Watts	Dist. Type	27K (2700K, 80 CRI)					30K (3000K, 80 CRI)					40K (4000K, 80 CRI)					50K (5000K, 80 CRI)					Amber (Limited Wavelength)				
			Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
P0	7W	T1S	636	92	0	0	0	666	97	0	0	0	699	101	0	0	1	691	100	0	0	1	712	47	0	0	1
		T2M	662	96	0	0	0	693	101	0	0	0	728	106	0	0	0	719	104	0	0	0	741	48	0	0	0
		T3M	662	96	0	0	0	693	101	0	0	0	728	106	0	0	0	719	104	0	0	0	741	48	0	0	0
		T4M	648	94	0	0	0	679	98	0	0	0	712	103	0	0	0	704	102	0	0	0	726	47	0	0	0
		TFTM	652	95	0	0	0	683	99	0	0	0	717	104	0	0	0	708	103	0	0	0	730	48	0	0	1
P1	11W	T1S	1,105	99	0	0	1	1,157	104	0	0	1	1,215	109	0	0	1	1,200	107	0	0	1					
		T2M	1,150	103	0	0	1	1,204	108	0	0	1	1,264	113	0	0	1	1,249	112	0	0	1					
		T3M	1,150	103	0	0	1	1,205	108	0	0	1	1,265	113	0	0	1	1,250	112	0	0	1					
		T4M	1,126	101	0	0	1	1,179	106	0	0	1	1,238	111	0	0	1	1,223	110	0	0	1					
		TFTM	1,133	101	0	0	1	1,186	106	0	0	1	1,245	112	0	0	1	1,230	110	0	0	1					
P2	19W	T1S	1,801	95	1	0	1	1,886	99	1	0	1	1,981	104	1	0	1	1,957	103	1	0	1					
		T2M	1,875	99	1	0	1	1,963	103	1	0	1	2,061	109	1	0	1	2,037	107	1	0	1					
		T3M	1,876	99	1	0	1	1,964	103	1	0	1	2,062	109	1	0	1	2,038	107	1	0	1					
		T4M	1,836	97	1	0	1	1,922	101	1	0	1	2,018	106	1	0	1	1,994	105	1	0	1					
		TFTM	1,847	97	1	0	1	1,934	102	1	0	1	2,030	107	1	0	1	2,006	106	1	0	1					
P3	32W	T1S	2,809	87	1	0	1	2,942	92	1	0	1	3,089	96	1	0	1	3,052	95	1	0	1					
		T2M	2,924	91	1	0	1	3,062	95	1	0	1	3,215	100	1	0	1	3,176	99	1	0	1					
		T3M	2,925	91	1	0	1	3,063	95	1	0	1	3,216	100	1	0	1	3,177	99	1	0	1					
		T4M	2,862	89	1	0	1	2,997	93	1	0	1	3,147	98	1	0	1	3,110	97	1	0	1					
		TFTM	2,880	90	1	0	1	3,015	94	1	0	1	3,166	99	1	0	1	3,128	97	1	0	1					
P4	47W	T1S	3,729	80	1	0	1	3,904	84	1	0	1	4,099	88	1	0	1	4,051	87	1	0	1					
		T2M	3,881	83	1	0	1	4,063	87	1	0	1	4,267	91	1	0	1	4,216	90	1	0	1					
		T3M	3,882	83	1	0	1	4,065	87	1	0	1	4,268	91	1	0	1	4,217	90	1	0	1					
		T4M	3,799	81	1	0	1	3,978	85	1	0	1	4,177	90	1	0	1	4,127	88	1	0	1					
		TFTM	3,822	82	1	0	1	4,002	86	1	0	1	4,202	90	1	0	1	4,152	89	1	0	1					

Performance Package	System Watts	Dist. Type	27K (2700K, 70 CRI)					30K (3000K, 70 CRI)					40K (4000K, 70 CRI)					50K (5000K, 70 CRI)				
			Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G	Lumens	LPW	B	U	G
P0	7W	T3M	737	107	0	0	0	763	111	0	0	0	822	119	0	0	0	832	121	0	0	1
		T4M	721	105	0	0	0	746	108	0	0	0	804	117	0	0	1	814	118	0	0	1
P1	11W	T3M	1,280	115	0	0	1	1,325	119	0	0	1	1,427	128	1	0	1	1,445	129	1	0	1
		T4M	1,253	112	0	0	1	1,297	116	0	0	1	1,397	125	0	0	1	1,415	127	0	0	1
P2	19W	T3M	2,087	110	1	0	1	2,160	114	1	0	1	2,327	123	1	0	1	2,357	124	1	0	1
		T4M	2,042	108	1	0	1	2,114	111	1	0	1	2,278	120	1	0	1	2,306	121	1	0	1
P3	32W	T3M	3,254	101	1	0	1	3,369	105	1	0	1	3,629	113	1	0	1	3,675	114	1	0	1
		T4M	3,185	99	1	0	1	3,297	103	1	0	1	3,552	111	1	0	1	3,597	112	1	0	1
P4	47W	T3M	4,319	93	1	0	1	4,471	96	1	0	1	4,817	103	1	0	2	4,878	105	1	0	2
		T4M	4,227	91	1	0	1	4,376	94	1	0	2	4,714	101	1	0	2	4,774	102	1	0	2

© 2019-2021 Acuity Brands Lighting, Inc. All rights reserved.

Electrical Load

Performance Package	System Watts	Current (A)					
		120Vac	208Vac	240Vac	277Vac	347Vac	480Vac
P0	7.0	0.061	0.042	0.04	0.039	--	--
	9.0	--	--	--	--	0.031	0.021
P1	11.0	0.100	0.064	0.059	0.054	--	--
	14.1	--	--	--	--	0.046	0.031
P2	19.0	0.168	0.106	0.095	0.083	--	--
	22.8	--	--	--	--	0.067	0.050
P3	32.0	0.284	0.163	0.144	0.131	--	--
	37.1	--	--	--	--	0.107	0.079
P4	47.0	0.412	0.234	0.207	0.185	--	--
	53.5	--	--	--	--	0.153	0.112

Lumen Output in Emergency Mode (4000K, 80 CRI, T3M)

Option	Lumens
E10WH	1,358
E20WC	2,230

Lumen Ambient Temperature (LAT) Multipliers

Use these factors to determine relative lumen output for average ambient temperatures from 0-40°C (32-104°F).

Ambient		Lumen Multiplier
0°C	32°F	1.03
10°C	50°F	1.02
20°C	68°F	1.01
25°C	77°F	1.00
30°C	86°F	0.99
40°C	104°F	0.97

Projected LED Lumen Maintenance

Data references the extrapolated performance projections for the platforms noted in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11).

To calculate LLF, use the lumen maintenance factor that corresponds to the desired number of operating hours below. For other lumen maintenance values, contact factory.

Operating Hours	0	25,000	50,000	100,000
Lumen Maintenance Factor	1.0	>0.96	>0.93	>0.87

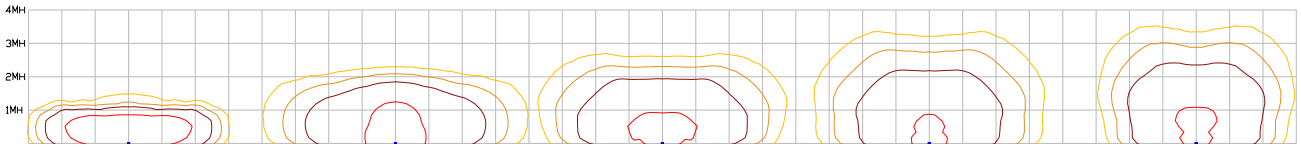
Photometric Diagrams

To see complete photometric reports or download .ies files for this product, visit the Lithonia Lighting WDGE LED homepage. Tested in accordance with IESNA LM-79 and LM-80 standards.

LEGEND

0.25 fc
0.5 fc
1.0 fc
3.0 fc

MH = 10ft
Grid = 10ft x 10ft



"P3 40K 80CRI T1S" "P3 40K 80CRI T2M" "P3 40K 80CRI T3M" "P3 40K 80CRI T4M" "P3 40K 80CRI TFTM"

Emergency Egress Options

Emergency Battery Backup

The emergency battery backup is integral to the luminaire — no external housing required! This design provides reliable emergency operation while maintaining the aesthetics of the product. All emergency battery backup configurations include an independent secondary driver with an integral relay to immediately detect loss of normal power and automatically energize the luminaire. The emergency battery will power the luminaire for a minimum duration of 90 minutes (maximum duration of three hours) from the time normal power is lost and maintain a minimum of 60% of the light output at the end of 90minutes.

Applicable codes: NFPA 70/NEC – section 700.16, NFPA 101 Life Safety Code Section 7.9

© 2019-2021 Acuity Brands Lighting, Inc. All rights reserved.

Control / Sensor Options

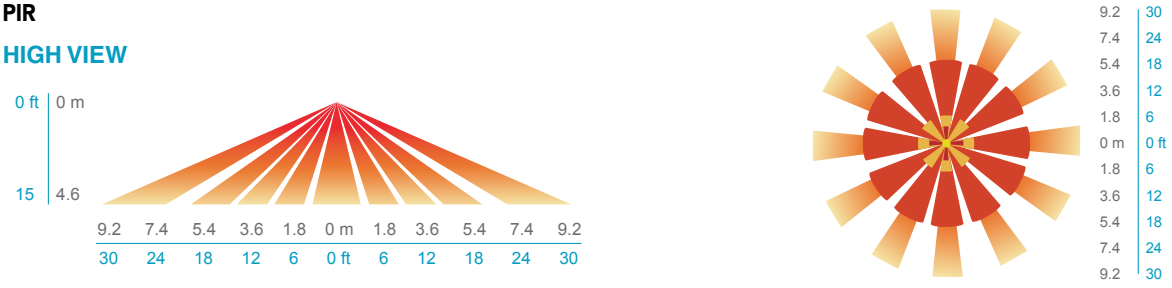
Motion/Ambient Sensor (PIR_, PIRH_)

Motion/Ambeint sensor (Sensor Switch MSOD) is integrated into the the luminaire. The sensor provides both Motion and Daylight based dimming of the luminaire. For motion detection, the sensor utilizes 100% Digital Passive Infrared (PIR) technology that is tuned for walking size motion while preventing false tripping from the environment. The integrated photocell enables additional energy savings during daytime periods when there is sufficient daylight. Optimize sensor coverage by either selecting PIR or PIRH option. PIR option comes with a sensor lens that is optimized to provide maximum coverage for mounting heights between 8-15ft, while PIRH is optimized for 15-40ft mounting height.

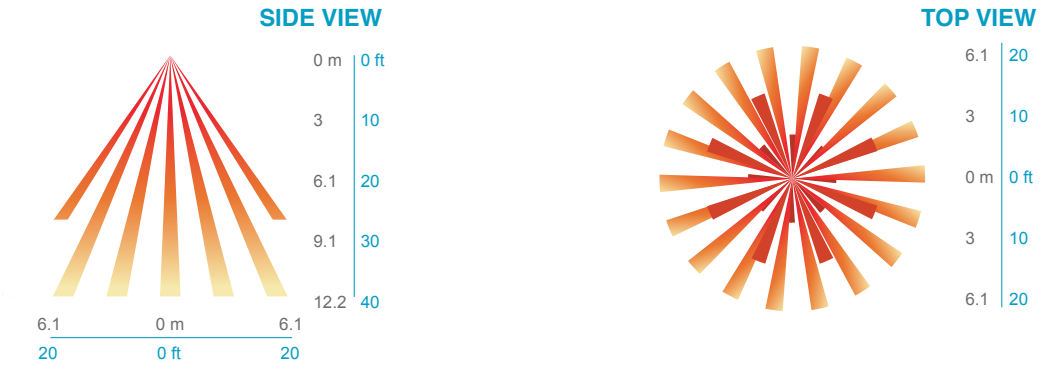
Networked Control (NLTAIR2)

nLight® AIR is a wireless lighting controls platform that allows for seamless integration of both indoor and outdoor luminaires. Five-tier security architecture, 900 MHz wireless communication and app (CLAIRITY™ Pro) based configurability combined together make nLight® AIR a secure, reliable and easy to use platform.

PIR



PIRH



Option	Dim Level	High Level (when triggered	Photocell Operation	Motion Time Delay	Ramp-down Time	Ramp-up Time
PIR or PIRH	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 5fc	5 min	5 min	Motion - 3 sec Photocell - 45 sec
PIR1FC3V, PIRH1FC3V	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 1fc	5 min	5 min	Motion - 3 sec Photocell - 45 sec
NLTAIR2 PIR, NLTAIR2 PIRH (out of box)	Motion - 3V (37% of full output) Photocell - 0V (turned off)	10V (100% output)	Enabled @ 5fc	7.5 min	5 min	Motion - 3 sec Photocell - 45 sec

© 2019-2021 Acuity Brands Lighting, Inc. All rights reserved.

Mounting, Options & Accessories

Motion/Ambient Sensor

D = 7"
H = 9" (Standalone controls)
11" (nLight AIR controls, 2" antenna will be pointing down behind the sensor)
W = 11.5"

PBBW – Surface-Mounted Back Box
Use when there is no junction box available.

D = 1.75"
H = 9"
W = 11.5"

AWS – 3/8inch Architectural Wall Spacer

D = 0.38"
H = 4.4"
W = 7.5"

FEATURES & SPECIFICATIONS

INTENDED USE
Common architectural look, with clean rectilinear shape, of the WDGE LED was designed to blend with any type of construction, whether it be tilt-up, frame or brick. Applications include commercial offices, warehouses, hospitals, schools, malls, restaurants, and other commercial buildings.

CONSTRUCTION
The single-piece die-cast aluminum housing integrates secondary heat sinks to optimize thermal transfer from the internal light engine heat sinks and promote long life. The driver is mounted in direct contact with the casting for a low operating temperature and long life. The die-cast door frame is fully gasketed with a one-piece solid silicone gasket to keep out moisture and dust, providing an IP66 rating for the luminaire.

FINISH
Exterior painted parts are protected by a zinc-infused Super Durable TGIC thermoset powder coat finish that provides superior resistance to corrosion and weathering. A tightly controlled multi-stage process ensures a 3 mils thickness for a finish that can withstand extreme climate changes without cracking or peeling. Standard Super Durable colors include dark bronze, black, natural aluminum, sandstone and white. Available in textured and non-textured finishes.

OPTICS
Individually formed acrylic lenses are engineered for superior application efficiency which maximizes the light in the areas where it is most needed. The WDGE LED has zero uplight and qualifies as a Nighttime Friendly™ product, meaning it is consistent with the LEED® and Green Globes™ criteria for eliminating wasteful uplight.

ELECTRICAL
Light engine consists of high-efficacy LEDs mounted to metal-core circuit boards to maximize heat dissipation and promote long life (up to L91/100,000 hours at 25°C). The electronic driver has a power factor of >90%, THD <20%. Luminaire comes with built in 6kV surge protection, which meets a minimum Category C low exposure (per ANSI/IEEE C62.41.2). Fixture ships standard with 0-10v dimmable driver.

INSTALLATION
A universal mounting plate with integral mounting support arms allows the fixture to hinge down for easy access while making wiring connections. The 3/8" Architectural Wall Spacer (AWS) can be used to create a floating appearance or to accommodate small imperfections in the wall surface. The ICW option can be used to mount the luminaire inverted for indirect lighting in dry and damp locations. Design can withstand up to a 1.5 G vibration load rating per ANSI C136.31.

LISTINGS
CSA certified to U.S. and Canadian standards. Luminaire is IP66 rated. PIR options are rated for wet location. Rated for -40°C minimum ambient. DesignLights Consortium® (DLC) Premium qualified product and DLC qualified product. Not all versions of this product may be DLC Premium qualified or DLC qualified. Please check the DLC Qualified Products List at www.designlights.org/QPL to confirm which versions are qualified. International Dark-Sky Association (IDA) Fixture Seal of Approval (FSA) is available for all products on this page utilizing 2700K and 3000K color temperature only and SRM mounting only.

BUY AMERICAN
This product is assembled in the USA and meets the Buy America(n) government procurement requirements under FARS, DFARS and DOT. Please refer to www.acuitybrands.com/resources/buy-american for additional information.

WARRANTY
5-year limited warranty. Complete warranty terms located at:
www.acuitybrands.com/support/warranty/terms-and-conditions

Note: Actual performance may differ as a result of end-user environment and application. All values are design or typical values, measured under laboratory conditions at 25 °C. Specifications subject to change without notice.

© 2019-2021 Acuity Brands Lighting, Inc. All rights reserved.