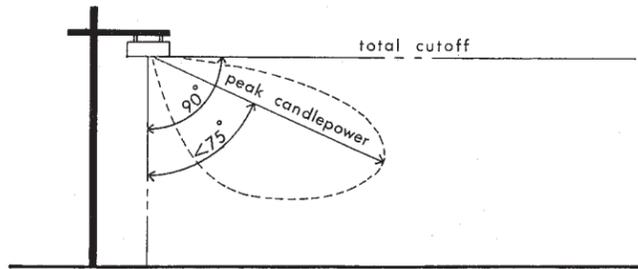
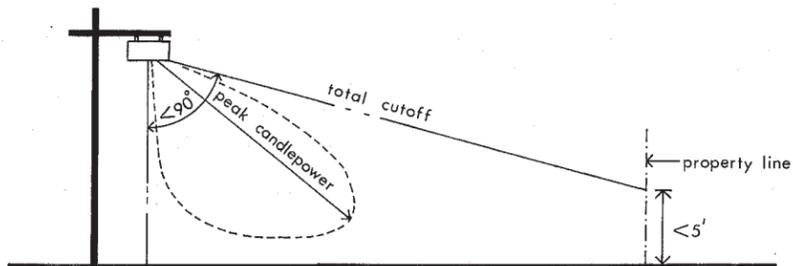


City of Belmont Requirements



TYPE 2: 90° CUTOFF LUMINAIRE



TYPE 3: LUMINAIRE WITH LESS THAN 90° CUTOFF

Excerpt from Town of Belmont Zoning By-Law
 As amended through 09/23/2021
 Approved 01/07/2021
 Section 5 General Regulations: 5.4.3 Light and Glare

LIGHTING LIMITATIONS	DISTRICTS	
	LB, GB, PL	Other
Maximum Luminaire Mounting Height (feet)		
Fixture Type 1	20	10
Fixture Type 2	30	15
Fixture Type 3	40	20
Maximum Off-Site Overspill (foot-candles)		
Fixture Type 1	0.3	0.2
Fixture Type 2	1.0	0.3
Fixture Type 3	3.0	0.5

Proposed Site Luminaires

Belmont Fixture Type 3 Classification | District Other



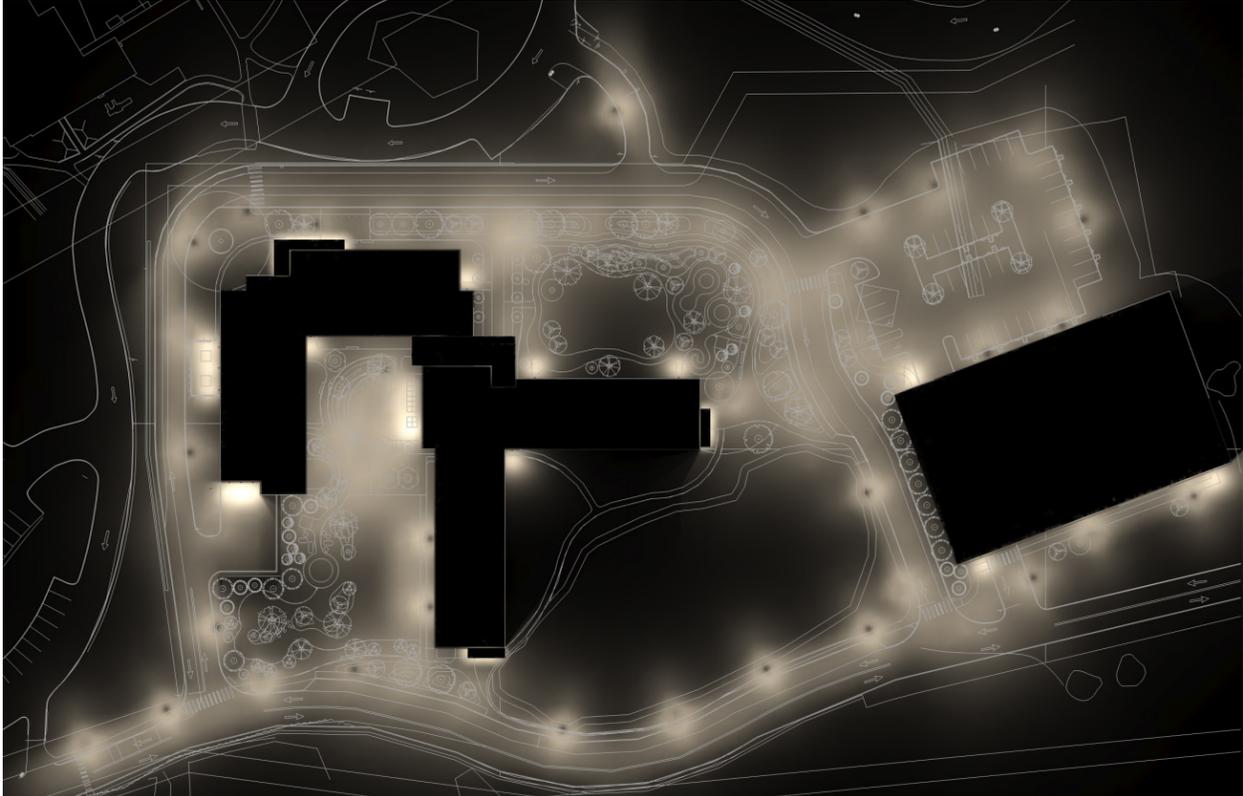
EP01
 Pedestrian Post Top
 Single head with options for distribution type.
 16'-6" pole mounted height.
 Aluminum Round Pole
[Lumenpulse Pure T](#)



EP02
 Parking Area Post Top
 Single head with options for distribution type.
 19'-6" pole mounted height.
 Aluminum Round Pole
[Lumenpulse Pure T](#)

Luminaire selection based on MGB Direction per email from Brian Scott 12/23/2024

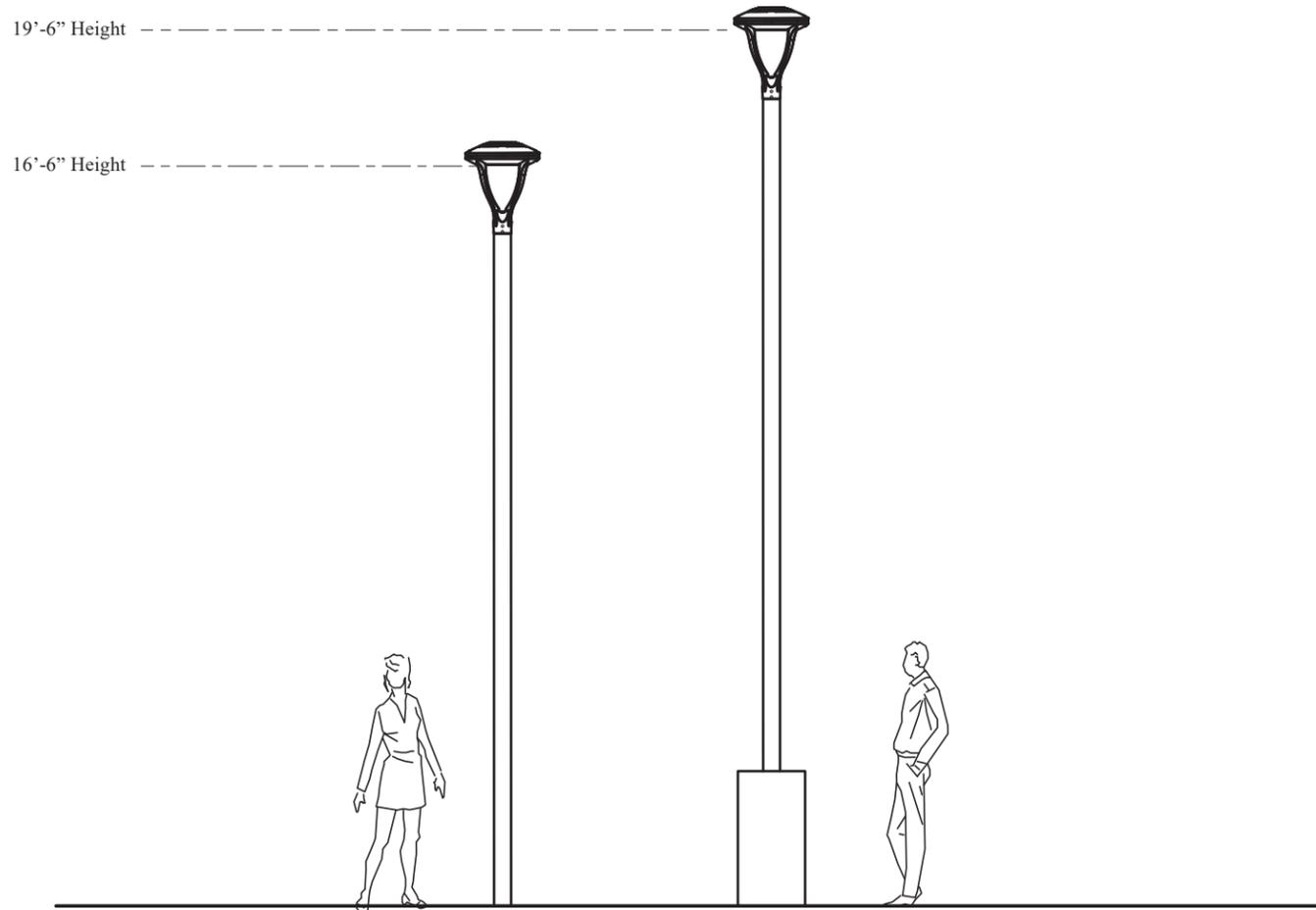
Site Calculation | Rendered Light Distribution



Lighting Value Graphical Representation

Note: existing background/site campus lighting not shown (e.g. campus lights beyond the limit of work)

Pole Elevations and Cutsheet



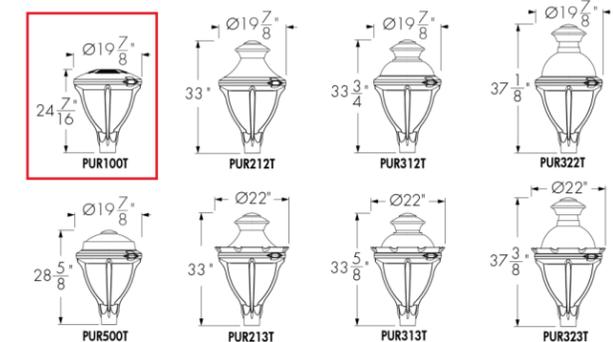
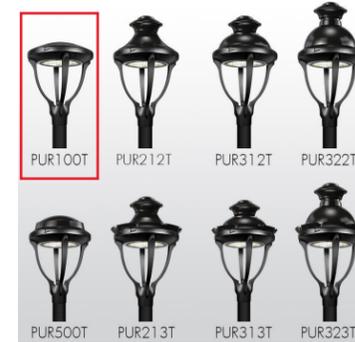
EP01 Series
Luminaire atop 15ft pole
Base of pole at grade.

EP02 Series
Luminaire atop 15ft pole
Pole mounted atop 3ft high base.

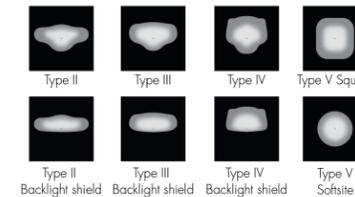
Specification Sheet

pure
Pure T

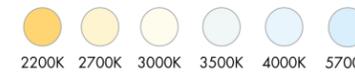
Project Name _____ Qty _____
Type _____ Catalog / Part Number _____



Distributions



Colors and Color Temperatures



Control

ON/OFF 0-10V

Rating

IP66 (optical chamber)

Certifications



Description

Energy efficient and designed to limit up-light, the Pure T is a versatile solution for a range of urban lighting applications, creating unique outdoor environments, while also protecting the night sky.

Features

Color and Color Temperature	2200K, 2700K, 3000K, 3500K, 4000K, 5700K
Distributions	Type II, Type III or Type IV (with or without backlight shield), Type 5 square and Type V Softsite
Options	Corrosion-resistant coating for hostile environments, Surge protector, 5-Pin Receptacle with or without shorting cap, 7-Pin Receptacle with or without shorting cap
Mounting Options	Top-Mount (4 in Tenon Adaptor)
Warranty	5-year limited warranty
Performance	
Output (nominal lumens)	Minimum 3000lm / Maximum 20000lm
Color Rendering	3 SDCM for CRI 70+ and 2 SDCM for CRI 80+
Lumen Maintenance	TM-21 L70 527,000 hrs (projected, Ta 77 °F), 36,000 hrs (reported, Ta 77 °F)
Dark Sky	Dark sky compliant (2200K, 2700K and 3000K color temperatures, BUG rating of U0)
Physical	
Housing Material	Die cast low copper 360 aluminum alloy
Spun Cupola Finish	Painted copper
Lens Material	Optical tempered clear glass (Clearsite lens), Optical tempered opal glass (Softsite lens)

lumenpulse™

1220 Marie-Victorin Blvd., Longueuil, QC, J4G 2H9, CA info@lumenpulse.com www.lumenpulse.com T United States 617.307.5700 | Canada 1.877.937.3003 | 514.937.3003 F 514.937.6289 www.lumenpulse.com/products/2204

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EM - R14

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Pole Cutsheet continued

Specification Sheet



Weight	Up to 40 lbs
EPA	Up to 1.33 sq ft
Surface Finish	Super durable resistant exterior polyester powder coating meets AAMA 2604-98 requirements (5-years Florida exposure), a corrosion resistant finish (CRC) pre-finish is available to meet ASTM B-117 & ASTM D-1654 (salt spray resistance) and ASTM D-2247 requirements (humidity resistance).

Electrical and control

Voltage	120 volts, 208 volts, 240 volts, 277 volts, 347 volts, 480 volts
Control	On/Off control, 0-10V dimming

Environmental

Storage Temperature	-40 °F to 122 °F (device must reach start-up temperature value before operating)
Start-up Temperature	-40 °F to 104 °F (-13 °F to 104 °F for 120V combined with M80, L170, L30 Softsite, L50 Softsite or L70 Softsite output)
Operating Temperature	-40 °F to 104 °F (-13 °F to 104 °F for 120V combined with M80, L170, L30 Softsite, L50 Softsite or L70 Softsite output)
Ingress Protection Rating	IP66 (optical chamber)
Environment	Dry/damp/wet location

Decorative arms (order separately, consult related specification sheets for details)

Compatible decorative arms	Post-Top Decorative Arm: TN4-Post-Top (4 in Tenon Adaptor) Luminaire Mounting Option with DT1, DT6 and MC1 Arm Style.
-----------------------------------	--

Specification Sheet



How to order

Housing (1)	Voltage	Lens	Output (nominal lumens)	Color and Color Temperature (7)	Color Rendering	Distributions	Finish	Spun Cupola Finish (14)	Control	Options	Mounting Options
PUR100T Pure 100T	120 120 volts	CSL Clearsite lens (2) (3)	S40 4000lm (6)	22K 2200K (8)	CRI 70 CRI 70+ (9)	2 Type II	BK Black Sandtex®	CF Painted copper	DIM 0-10V dimming (15)	CRC Corrosion-resistant coating (14)	TN4 Top-Mount (4 in Tenon Adaptor)
PUR212T Pure 212T	208 208 volts	SSL Softsite lens (4) (5)	S60 6000lm	27K 2700K (8)	CRI 80 CRI 80+ (10)	2BL5 Type II backlight shield	BRZ Bronze Sandtex®			SP Surge protector	
PUR213T Pure 213T	240 240 volts		M80 8000lm	30K 3000K		3 Type III	SI Silver Sandtex®			SPR5 5-Pin Receptacle (18) (19)	
PUR312T Pure 312T	277 277 volts		M110 11 000lm	35K 3500K		4 Type IV	4BL5 Type IV backlight shield			SPR5 SC 5-Pin Receptacle with Shorting Cap (18) (19)	
PUR313T Pure 313T	347 347 volts		M150 15 000lm	40K 4000K		5 Type V	5BL5 Type V backlight shield			SPR7 7-Pin Receptacle (18) (19)	
PUR322T Pure 322T	480 480 volts		L170 17 000lm	57K 5700K			GRATX Textured medium gray			SPR7 SC 7-Pin Receptacle with Shorting Cap (18) (19)	
PUR323T Pure 323T			L200 20 000lm				GRNTX Textured green				
PUR500T Pure 500T			L30 3000lm Softsite (5)				WHITX Textured white				
			L50 5000lm Softsite (5)				CC Custom color & finish (11) (12) (13)				
			L70 7000lm Softsite (5)								

Notes:

- Consult Related Products section on webpage for a selection of compatible decorative arms, decorative poles (sold separately).
- Available with S40, S60, M80, M110, M150, L170 and L200 output options only.
- Available with types 2, 2BL5, 3, 3BL5, 4, 4BL5 and 55 distribution only.
- Available with L30, L50 and L70 output options only.
- Available with type 5 distribution only.
- Available up to 277V.
- Consult factory for more color temperature options.
- Available for CRI 80 only.
- Binning within a 3-step MacAdam ellipse, with the exception of 5700K.
- Binning within a 2-step MacAdam ellipse, with the exception of 2200K and 5700K.

- Specify RAL number followed by "TX" for textured finish (ex: RAL9007TX) or STX for Sandtex finish (ex: RAL9007STX). Textured or Sandtex finishes are recommended for the durability of all products. If a finish is not specified with the RAL number (ex: RAL9007), a glossy finish will be provided. Please consult factory for other RAL textures and glosses, or to match alternate color charts. Final color matching results may vary.
- Setup charges apply for RAL colors. Consult factory for details.
- Longer lead times can be expected for custom RAL color finishes.
- Spun cupola finish option available only when housing with spun cupola is selected (PUR212T, PUR213T, PUR312T, PUR313T, PUR322T or PUR323T). Spun cupola finish matches fixture housing colour if CF is not selected.
- DIM control can be used as HO (On/Off control) if no data is required.
- Use only when exposed to salt spray. This option is not required for normal outdoor exposure.
- Setup charges apply. Consult factory for details.
- Available with PUR100T housing only.
- Only one receptacle can be specified per fixture.

Luminaire Specification and Photometric Report

McLean Childhood and Adolescent Campus
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SECTION 260650
 SCHEDULES FOR LIGHTING

Image:



Detail:

ED01

4" Round Downlight

Description

4" Round Recessed Downlight Wet Listed

Physical Requirements

Dimensions: 3" Diam x 9.5" H light, 20" H pole

Construction: Galvanized steel

Optic: Wide

Finish: Per Architect

Mounting: Ceiling, Recessed

Listing: UL Wet IP66

Location:

Luminaire Performance Criteria

Lumen Output: 1000 lm Static White LED

CCT: 3000K

CRI: 80+

Life: 50,000 hr L70

Electrical Requirements

Load: 8.8W

Voltage: Primary: 120/277V Universal Secondary:

Driver: Integral

Control: 0-10v Dimming

Basis Of Design

Manufacturer: Gotham Lighting

Model: Evo4

Model Number: EVO4 3K 1000LM WD

Alternates

Alternate 1: Prescolite

Alternate 2: Lucifer

Notes:



Photometric Report (Type C)

Filename: EVO4 30_10 AR WD LSS.ies
 [TEST] LTL27790P239
 [TESTLAB] SCALED PHOTOMETRY
 [ISSUE DATE] 2/13/2022
 [MANUFAC] Gotham Architectural Lighting
 [LUMCAT] EVO4 30/10 AR WD LSS
 [LUMINAIRE] EVO 4IN ROUND DOWNLIGHT, 80 CRI, 3000K,
 1000LM, WIDE DIST, CLEAR SEMI-SPEC

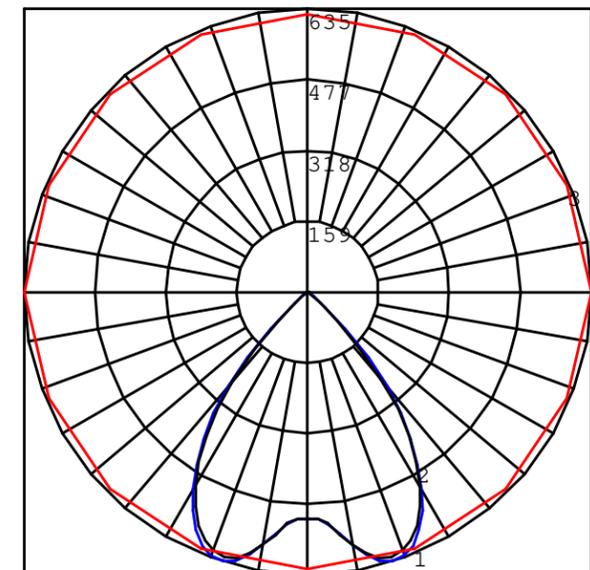
Maximum Candela = 635.444257736206 at 0 H 17.5 V

Classification:

Road Classification: Type VS, Very Short, N.A. (deprecated)
 Upward Wast Light Ratio: 0.00
 Luminaire Efficacy Rating (LER): 94
 Maximum UGR: N.A.
 Indoor Classification: Direct
 BUG Rating : B1-U0-G0

Polar Candela Curves:

Vertical Plane Through:
 1) 0 - 180 Horizontal
 2) 90 - 270 Horizontal
 Horizontal Cone Through:
 3) 17.5 Vertical



Luminaire Specification and Photometric Report

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SECTION 260650
 SCHEDULES FOR LIGHTING

Image:



Detail:

EP01A

Pole mounted Fixture

Description

17' MH Pedestrian Post top Single Head

Physical Requirements

Dimensions: 19.87" Diam x33" H light, 17' H pole
Construction: Die cast low copper 360 aluminum alloy
Optic: Clearsite lens, Type 5, B3-U0-G1
Finish: Per Architect
Mounting: 17ft tall Pole
Listing: UL Wet IP66
Location: Site

Luminaire Performance Criteria

Lumen Output: 8000 lm Static White LED
CCT: 3000K
CRI: 80+
Life: 527,000 hr L70

Electrical Requirements

Load: 64 W
Voltage: Primary: 120/277V Universal Secondary:
Driver: Integral
Control: 0-10v Dimming

Basis Of Design

Manufacturer: Lumenspulse
Model: Pure T
Model Number: PUR100T-CSL-M80-30K-5

Alternates

Alternate 1: Kim Lighting
Alternate 2: Beacon

Notes:



Photometric Report (Type C)

Filename: PUR100T_V_Y-120_277-CSL-M80-30K-CRI 80-5S.ies
 [TEST] S1802152-R1
 [TESTLAB] Spectra Lux Industries Inc.
 [ISSUEDATE] 15 February 2018
 [MANUFAC] Lumenspulse
 [LUMCAT] PUR100T/V/Y-120/277-CSL-M80-30K-CRI 80-5S
 [LUMINAIRE] Pure 100T/V/Y

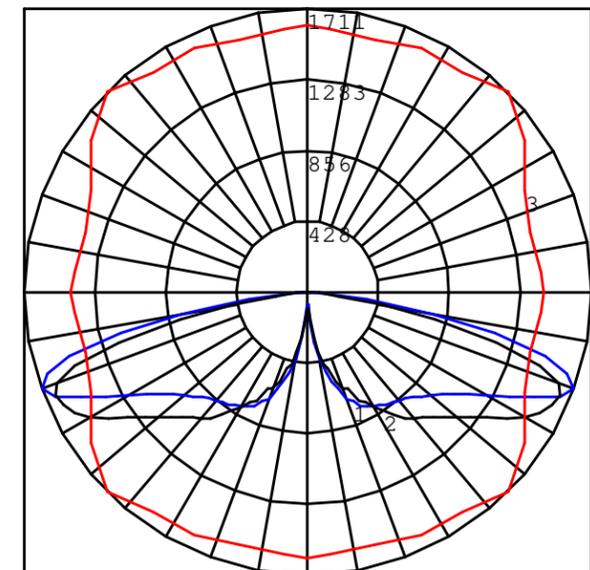
Maximum Candela = 1711.14997085929 at 45 H 70 V

Classification:

Road Classification: Type VS, Short, N.A. (deprecated)
 Upward Wast Light Ratio: 0.00
 Luminaire Efficacy Rating (LER): 91
 Maximum UGR: 28.7
 Indoor Classification: Direct
 BUG Rating : B3-U0-G1

Polar Candela Curves:

Vertical Plane Through:
 1) 45 - 225 Horizontal
 2) 90 - 270 Horizontal
 Horizontal Cone Through:
 3) 70 Vertical



Luminaire Specification and Photometric Report

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SECTION 260650
 SCHEDULES FOR LIGHTING

Image:



Detail:

EP01B

Pole mounted Fixture

Description

17' MH Pedestrian Post top Single Head

Physical Requirements

Dimensions: 19.87" Diam x33" H light, 17' H pole
Construction: Die cast low copper 360 aluminum alloy
Optic: Clearsite lens, Type 4, B2-U0-G2
Finish: Per Architect
Mounting: 17ft tall Pole
Listing: UL Wet IP66
Location: Site

Luminaire Performance Criteria

Lumen Output: 8000 lm Static White LED
CCT: 3000K
CRI: 80+
Life: 527,000 hr L70

Electrical Requirements

Load: 64 W
Voltage: Primary: 120/277V Universal Secondary:
Driver: Integral
Control: 0-10v Dimming

Basis Of Design

Manufacturer: Lumenspulse
Model: Pure T
Model Number: PUR100T-CSL-M80-30K-4

Alternates

Alternate 1: Kim Lighting
Alternate 2: Beacon

Notes:



Photometric Report (Type C)

Filename: PUR100T_V_Y-120_277-CSL-M80-30K-CRI 80-4.ies
 [TEST] S1802143-R1
 [TESTLAB] Spectra Lux Industries Inc.
 [ISSUEDATE] 14 February 2018
 [MANUFAC] Lumenspulse
 [LUMCAT] PUR100T-120/277-CSL-M80-30K-CRI 80-4
 [LUMINAIRE] Pure 100T/V/Y

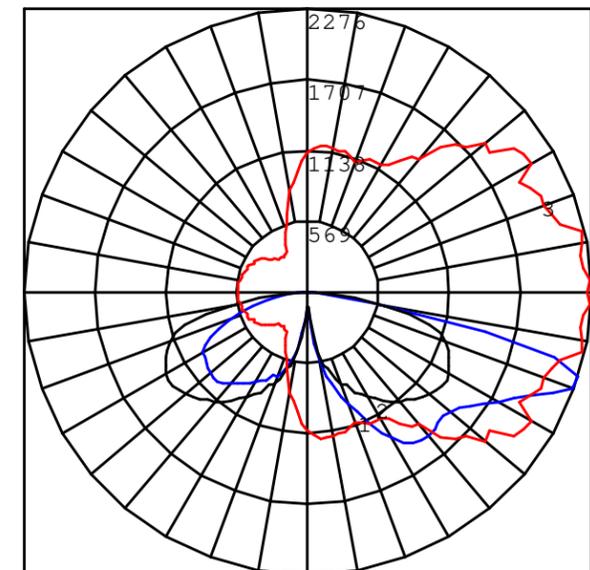
Maximum Candela = 2276.0499612391 at 2.5 H 72.5 V

Classification:

Road Classification: Type IV, Very Short, N.A. (deprecated)
 Upward Wast Light Ratio: 0.00
 Luminaire Efficacy Rating (LER): 84
 Maximum UGR: 31.4
 Indoor Classification: Direct
 BUG Rating : B2-U0-G2

Polar Candela Curves:

Vertical Plane Through:
 1) 2.5 - 182.5 Horizontal
 2) 90 - 270 Horizontal
 Horizontal Cone Through:
 3) 72.5 Vertical



Luminaire Specification and Photometric Report

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SECTION 260650
 SCHEDULES FOR LIGHTING

Image:



Detail:

EP01C

Pole mounted Fixture

Description

17' MH Pedestrian Post top Single Head

Physical Requirements

- Dimensions:** 19.87" Diam x33" H light, 17' H pole
- Construction:** Die cast low copper 360 aluminum alloy
- Optic:** Clearsite lens, Type 3, B1-U0-G1
- Finish:** Per Architect
- Mounting:** 17ft tall Pole
- Listing:** UL Wet IP66
- Location:** Site

Luminaire Performance Criteria

- Lumen Output:** 8000 lm Static White LED
- CCT:** 3000K
- CRI:** 80+
- Life:** 527,000 hr L70

Electrical Requirements

- Load:** 64 W
- Voltage:** Primary: 120/277V Universal Secondary:
- Driver:** Integral
- Control:** 0-10v Dimming

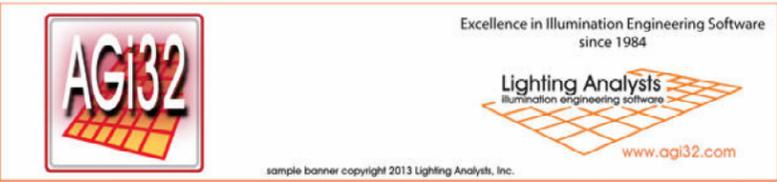
Basis Of Design

- Manufacturer:** Lumenspulse
- Model:** Pure T
- Model Number:** PUR100T-CSL-M80-30K-3

Alternates

- Alternate 1:** Kim Lighting
- Alternate 2:** Beacon

Notes:



Photometric Report (Type C)

Filename: PUR100T_V_Y-120_277-CSL-M80-30K-CRI 80-3.ies
 [TEST] S1802141-R1
 [TESTLAB] Spectra Lux Industries Inc.
 [ISSUEDATE] 14 February 2018
 [MANUFAC] Lumenspulse
 [LUMCAT] PUR100T/V/Y-120/277-CSL-M80-30K-CRI 80-3
 [LUMINAIRE] Pure 100 T/V/Y

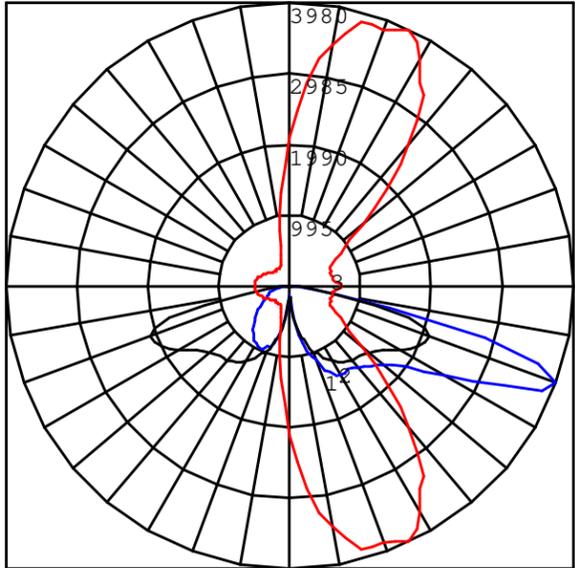
Maximum Candela = 3979.84993222356 at 65 H 70 V

Classification:

Road Classification: Type III, Medium, N.A. (deprecated)
 Upward Wast Light Ratio: 0.00
 Luminaire Efficacy Rating (LER): 94
 Maximum UGR: 31
 Indoor Classification: Direct
 BUG Rating : B1-U0-G1

Polar Candela Curves:

Vertical Plane Through:
 1) 65 - 245 Horizontal
 2) 90 - 270 Horizontal
 Horizontal Cone Through:
 3) 70 Vertical



Luminaire Specification and Photometric Report

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SECTION 260650
 SCHEDULES FOR LIGHTING

Image:



Detail:

EP01D

Pole mounted Fixture

Description

17' MH Pedestrian Post top Single Head

Physical Requirements

Dimensions: 19.87" Diam x33" H light, 17' H pole
Construction: Die cast low copper 360 aluminum alloy
Optic: Clearsite lens, Type 2, B1-U0-G1
Finish: Per Architect
Mounting: 17ft tall Pole
Listing: UL Wet IP66
Location: Site

Luminaire Performance Criteria

Lumen Output: 8000 lm Static White LED
CCT: 3000K
CRI: 80+
Life: 527,000 hr L70

Electrical Requirements

Load: 64 W
Voltage: Primary: 120/277V Universal Secondary:
Driver: Integral
Control: 0-10v Dimming

Basis Of Design

Manufacturer: Lumenspulse
Model: Pure T
Model Number: PUR100T-CSL-M80-30K-2

Alternates

Alternate 1: Kim Lighting
Alternate 2: Beacon

Notes:



Photometric Report (Type C)

Filename: PUR100T_V_Y-120_277-CSL-M80-30K-CRI 80-2.ies
 [TEST] S1802134-R1
 [TESTLAB] Spectra Lux Industries Inc.
 [ISSUEDATE] 13 February 2018
 [MANUFAC] Lumenspulse
 [LUMCAT] PUR100T/V/Y-120/277-CSL-M80-30K-CRI 80-2
 [LUMINAIRE] Pure 100T/V/Y

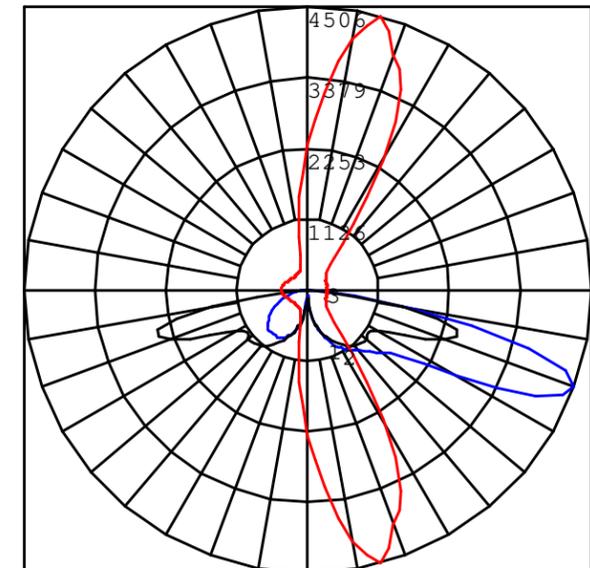
Maximum Candela = 4505.89992326498 at 75 H 70 V

Classification:

Road Classification: Type II, Medium, N.A. (deprecated)
 Upward Wast Light Ratio: 0.00
 Luminaire Efficacy Rating (LER): 84
 Maximum UGR: 32.8
 Indoor Classification: Direct
 BUG Rating : B1-U0-G1

Polar Candela Curves:

Vertical Plane Through:
 1) 75 - 255 Horizontal
 2) 90 - 270 Horizontal
 Horizontal Cone Through:
 3) 70 Vertical



Luminaire Specification and Photometric Report

McLean Childhood and Adolescent Campus
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SECTION 260650
 SCHEDULES FOR LIGHTING

Image:



Detail:

EP02A

Pole mounted Fixture

Description

20' MH Pedestrian Post top Single Head

Physical Requirements

- Dimensions:** 19.87" Diam x33" H light, 20' H pole
- Construction:** Die cast low copper 360 aluminum alloy
- Optic:** Clearsite lens, Type 5, B3-U0-G1
- Finish:** Per Architect
- Mounting:** 20ft tall Pole
- Listing:** UL Wet IP66
- Location:**

Luminaire Performance Criteria

- Lumen Output:** 8000 lm Static White LED
- CCT:** 3000K
- CRI:** 80+
- Life:** 527,000 hr L70

Electrical Requirements

- Load:** 64 W
- Voltage:** Primary: 120/277V Universal Secondary:
- Driver:** Integral
- Control:** 0-10v Dimming

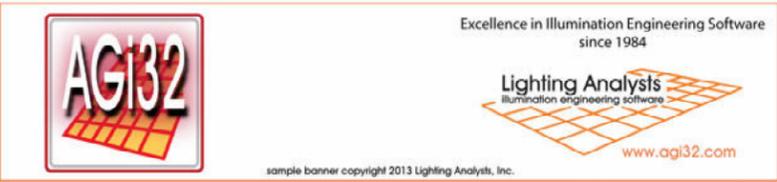
Basis Of Design

- Manufacturer:** Lumenspulse
- Model:** Pure T
- Model Number:** PUR100T-CSL-M80-30K-5

Alternates

- Alternate 1:** Kim Lighting
- Alternate 2:** Beacon

Notes:



Photometric Report (Type C)

Filename: PUR100T_V_Y-120_277-CSL-M80-30K-CRI 80-5S.ies
 [TEST] S1802152-R1
 [TESTLAB] Spectra Lux Industries Inc.
 [ISSUEDATE] 15 February 2018
 [MANUFAC] Lumenspulse
 [LUMCAT] PUR100T/V/Y-120/277-CSL-M80-30K-CRI 80-5S
 [LUMINAIRE] Pure 100T/V/Y

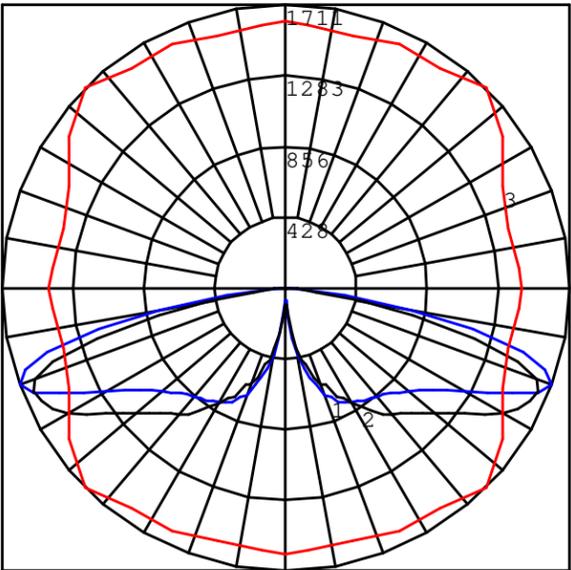
Maximum Candela = 1711.14997085929 at 45 H 70 V

Classification:

Road Classification: Type VS, Short, N.A. (deprecated)
 Upward Wast Light Ratio: 0.00
 Luminaire Efficacy Rating (LER): 91
 Maximum UGR: 28.7
 Indoor Classification: Direct
 BUG Rating : B3-U0-G1

Polar Candela Curves:

Vertical Plane Through:
 1) 45 - 225 Horizontal
 2) 90 - 270 Horizontal
 Horizontal Cone Through:
 3) 70 Vertical



Luminaire Specification and Photometric Report

McLean Childhood and Adolescent Campus
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SECTION 260650
 SCHEDULES FOR LIGHTING

Image:



Detail:

EP02B

Pole mounted Fixture

Description

20' MH Pedestrian Post top Single Head

Physical Requirements

- Dimensions:** 19.87" Diam x33" H light, 20' H pole
- Construction:** Die cast low copper 360 aluminum alloy
- Optic:** Clearsite lens, Type 4, B2-U0-G2
- Finish:** Per Architect
- Mounting:** 20ft tall Pole
- Listing:** UL Wet IP66
- Location:** Site

Luminaire Performance Criteria

- Lumen Output:** 8000 lm Static White LED
- CCT:** 3000K
- CRI:** 80+
- Life:** 527,000 hr L70

Electrical Requirements

- Load:** 64 W
- Voltage:** Primary: 120/277V Universal Secondary:
- Driver:** Integral
- Control:** 0-10v Dimming

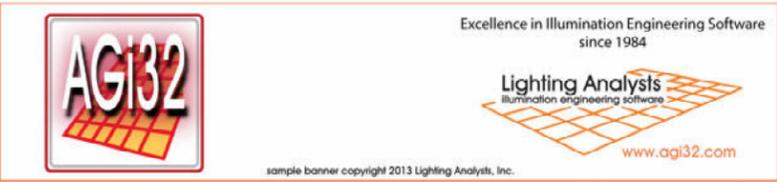
Basis Of Design

- Manufacturer:** Lumenspulse
- Model:** Pure T
- Model Number:** PUR100T-CSL-M80-30K-4

Alternates

- Alternate 1:** Kim Lighting
- Alternate 2:** Beacon

Notes:



Photometric Report (Type C)

Filename: PUR100T_V_Y-120_277-CSL-M80-30K-CRI 80-4.ies
 [TEST] S1802143-R1
 [TESTLAB] Spectra Lux Industries Inc.
 [ISSUEDATE] 14 February 2018
 [MANUFAC] Lumenspulse
 [LUMCAT] PUR100T-120/277-CSL-M80-30K-CRI 80-4
 [LUMINAIRE] Pure 100T/V/Y

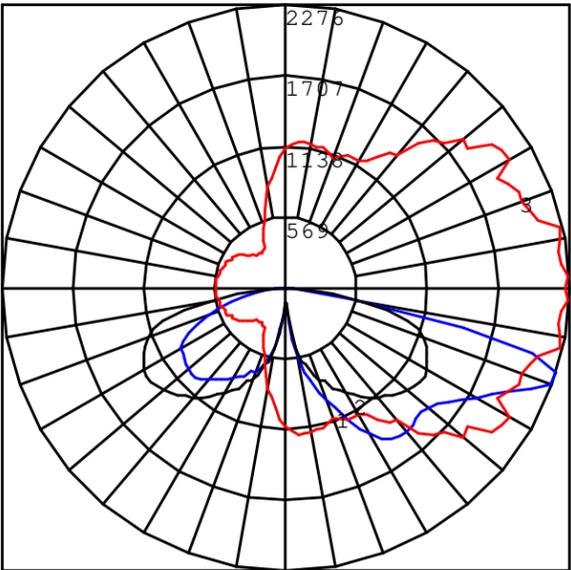
Maximum Candela = 2276.0499612391 at 2.5 H 72.5 V

Classification:

Road Classification: Type IV, Very Short, N.A. (deprecated)
 Upward Wast Light Ratio: 0.00
 Luminaire Efficacy Rating (LER): 84
 Maximum UGR: 31.4
 Indoor Classification: Direct
 BUG Rating : B2-U0-G2

Polar Candela Curves:

Vertical Plane Through:
 1) 2.5 - 182.5 Horizontal
 2) 90 - 270 Horizontal
 Horizontal Cone Through:
 3) 72.5 Vertical



Luminaire Specification and Photometric Report

McLean Childhood and Adolescent Campus
 Issued for Design and Site Plan Approval
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SECTION 260650
 SCHEDULES FOR LIGHTING

Image:



Detail:

EP02C

Pole mounted Fixture

Description

20' MH Pedestrian Post top Single Head

Physical Requirements

- Dimensions:** 19.87" Diam x33" H light, 20' H pole
- Construction:** Die cast low copper 360 aluminum alloy
- Optic:** Clearsite lens, Type 3, B1-U0-G1
- Finish:** Per Architect
- Mounting:** 20ft tall Pole
- Listing:** UL Wet IP66
- Location:** Site

Luminaire Performance Criteria

- Lumen Output:** 8000 lm Static White LED
- CCT:** 3000K
- CRI:** 80+
- Life:** 527,000 hr L70

Electrical Requirements

- Load:** 64 W
- Voltage:** Primary: 120/277V Universal Secondary:
- Driver:** Integral
- Control:** 0-10v Dimming

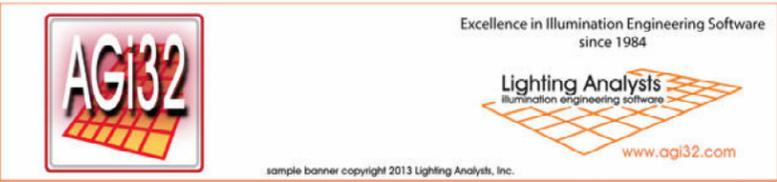
Basis Of Design

- Manufacturer:** Lumenspulse
- Model:** Pure T
- Model Number:** PUR100T-CSL-M80-30K-3

Alternates

- Alternate 1:** Kim Lighting
- Alternate 2:** Beacon

Notes:



Photometric Report (Type C)

Filename: PUR100T_V_Y-120_277-CSL-M80-30K-CRI 80-3.ies
 [TEST] S1802141-R1
 [TESTLAB] Spectra Lux Industries Inc.
 [ISSUEDATE] 14 February 2018
 [MANUFAC] Lumenspulse
 [LUMCAT] PUR100T/V/Y-120/277-CSL-M80-30K-CRI 80-3
 [LUMINAIRE] Pure 100 T/V/Y

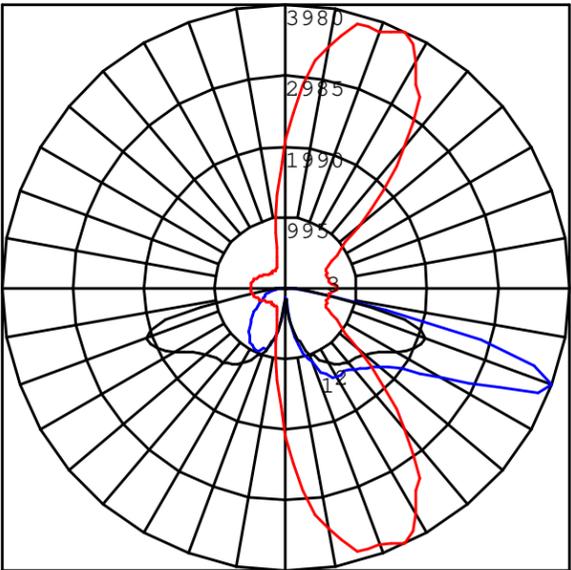
Maximum Candela = 3979.84993222356 at 65 H 70 V

Classification:

Road Classification: Type III, Medium, N.A. (deprecated)
 Upward Wast Light Ratio: 0.00
 Luminaire Efficacy Rating (LER): 94
 Maximum UGR: 31
 Indoor Classification: Direct
 BUG Rating : B1-U0-G1

Polar Candela Curves:

Vertical Plane Through:
 1) 65 - 245 Horizontal
 2) 90 - 270 Horizontal
 Horizontal Cone Through:
 3) 70 Vertical



Luminaire Specification and Photometric Report

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SECTION 260650
 SCHEDULES FOR LIGHTING

Image:



Detail:

EW01

Wall Mounted Fixture

Description

Wall Mounted luminaire at exit doors and façade

Physical Requirements

- Dimensions:** 14" L x 9.25" W x 5" H
- Construction:** Die form aluminum
- Optic:** Opal Diffuser
- Finish:** Per Architect
- Mounting:** Wall, Surface
- Listing:** UL Wet
- Location:** Exterior

Luminaire Performance Criteria

- Lumen Output:** 2000 lm Static White LED
- CCT:** 3000K
- CRI:** 80+
- Life:** 100,000 hr L88

Electrical Requirements

- Load:** 16W
- Voltage:** Primary: 120/277V Universal Secondary:
- Driver:** Integral
- Control:** 0-10v Dimming to 1%

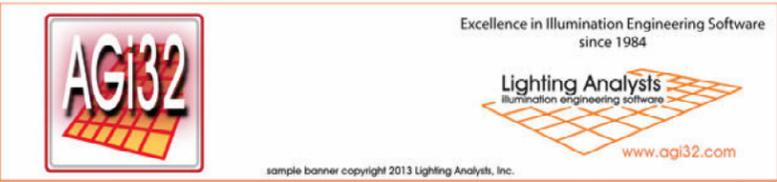
Basis Of Design

- Manufacturer:** Lithonia
- Model:** Arc2LED
- Model Number:** ARC2 LED WALLPACK P2 30K

Alternates

- Alternate 1:** Kim Lighting
- Alternate 2:** Beacon

Notes:



Photometric Report (Type C)

Filename: ARC2 LED P2 30K.ies
 [TEST] ISF 202807P4
 [TESTLAB] SCALED PHOTOMETRY
 [ISSUE DATE] 8/3/2020
 [MANUFAC] Lithonia Lighting
 [LUMCAT] ARC2 LED P2 30K
 [LUMINAIRE] ARC2 LED WITH P2 - PERFORMANCE PACKAGE, 3000K

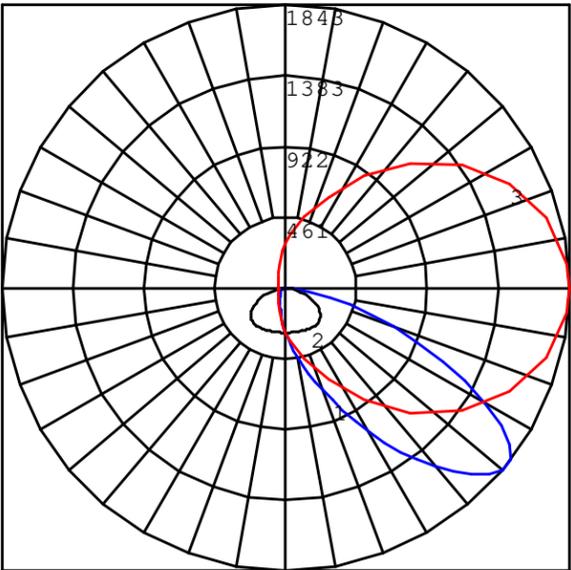
Maximum Candela = 1843.48948180676 at 0 H 50 V

Classification:

Road Classification: Type III, Very Short, N.A. (deprecated)
 Upward Wast Light Ratio: 0.00
 Luminaire Efficacy Rating (LER): 140
 Maximum UGR: 37.3
 Indoor Classification: Direct
 BUG Rating : B0-U0-G1

Polar Candela Curves:

Vertical Plane Through:
 1) 0 - 180 Horizontal
 2) 90 - 270 Horizontal
 Horizontal Cone Through:
 3) 50 Vertical



Luminaire Specification and Photometric Report

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SECTION 260650
 SCHEDULES FOR LIGHTING

Image:



Detail:

EW02

Wall Mounted Flood

Description

Wall mounted flood light with adjustable aiming, full snoot to prevent uplight.

Physical Requirements

- Dimensions:** 3.15" Diam x 7.5" H
- Construction:** Extruded aluminum, stainless steel fasteners
- Optic:** 40 degree beam, full snoot
- Finish:** Per Architect
- Mounting:** Wall, Surface
- Listing:** UL Wet
- Location:** Exterior

Luminaire Performance Criteria

- Lumen Output:** 1120 lm Static White LED
- CCT:** 3000K
- CRI:** 80+
- Life:** 60,000 hr L90

Electrical Requirements

- Load:** 12W
- Voltage:** Primary: 120/277V Universal Secondary:
- Driver:** Integral
- Control:** 0-10v Dimming to 1%

Basis Of Design

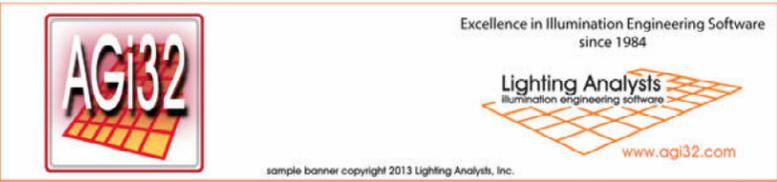
- Manufacturer:** Ecosense
- Model:** Rise F080
- Model Number:** F080-1R-HO-30-8-40-_-F-A-RISE-JBC-RABR14

Alternates

- Alternate 1:** Or Approved Equal
- Alternate 2:** Or Approved Equal

Notes:

Coordinate installation over recessed single gang junction box.



Photometric Report (Type C)

Filename: F080-1R-HO-30-8-40-X-X-X.ies
 [TEST] F080-1R-HO-30-8-40-X-X-X
 [TESTLAB] This file was generated based on measured distribution and lumen data
 [ISSUE DATE] 10/01/2019
 [MANUFAC] Ecosense Lighting
 [LUMINAIRE] RISE F80 Flood light
 [LAMP] One (1) white LED with optics below
 [BALLAST] Internal

Maximum Candela = 1799.81 at 0 H 1 V

Classification:

Road Classification: Type V, Very Short, Cutoff (deprecated)
 Upward Wast Light Ratio: 0.00
 Luminaire Efficacy Rating (LER): 95
 Maximum UGR: 0.3
 Indoor Classification: Direct
 BUG Rating : B1-U1-G0

Polar Candela Curves:

Vertical Plane Through:
 1) 0 - 180 Horizontal
 2) 90 - 270 Horizontal
 Horizontal Cone Through:
 3) 1 Vertical

