

CATALOG NO. _____

TYPE NO. _____ JOB NAME _____

LytePro Plus Architectural Site Luminaire

ORDERING INFORMATION

Catalog Number: Example: LPP1C4K2ADT



LPP		4K		A			
FIXTURE	SIZE - ENGINE	COLOR TEMP.	OPTICS	MOUNTING	OPTIONS	VOLTAGE	COLOR
LPP - LytePro Plus Architectural Site Luminaire	1A - 80 LEDs @ 350 mA 1B - 80 LEDs @ 530 mA 1C - 64 LEDs @ 700 mA 2A - 160 LEDs @ 350 mA 2B - 160 LEDs @ 530 mA 2C - 128 LEDs @ 700 mA	4K - Neutral White	2 - Type II 3 - Type III 4 - Type IV 5 - Type V	A - Straight Arm	See Page 2	1 - 120 2 - 208 3 - 240 4 - 277 5 - 480 8 - 120-277	B - Textured Black P - Textured Bronze T - Titanium W - Textured White (for other color options, consult factory)

PRODUCT SPECIFICATIONS

Rated System Life (LED life per L70):

Driver and LED life: 80,000 hrs @ 25°-35°C (77°-95°F)

Housing / Construction: Die-cast aluminum housing with corrosion resistant hardware. Small fixture has 22" optical housing. Large fixture has 32" optical housing. Optic chamber and separate driver housing constructed to IP66. Die-cast aluminum heatsink allows for long life of LEDs up to 35°C ambient.

Thermal Management: IP66 rated thermal Pod frame management system creates a vortex of airflow for passthrough convective cooling and heat extraction.

LED and Board Array: Small housing: 64 and 80 Luxeon R LEDs. Large housing: 128 and 160 Luxeon R LEDs. Color temperature: Neutral White 4125 K +/- 175K. Metal core printed circuit board. RoHS compliant.

Driver: High efficiency multi-volt driver (50 or 60 Hz), maintains constant current flow to LEDs to accommodate LED variations. High power factor (>90% standard). Constant current: 700 mA. Voltage: 120-480. Temperature range: -30°C (-22°F) to 35°C (95°F). Open / short circuit protection. RoHS compliant. 10 kV surge protection (Standard). The surge protector is in accordance with IEEE / ANSI C62.41.2 guidelines.

LED Optical System: Field rotatable LED Pod optical assemblies. Type II, III, IV distribution. Meets IES Full Cutoff criteria. Fully gasketed Dust-Tite construction. Employs Philips LEDGINE technology & Rebel ES LEDs.

Mounting: Field installed die-cast aluminum straight arm mount for mounting to 4" to 5" O.D. round poles. Square pole adaptors included. Round pole adaptor accessories required for mounting to 3.0-3.9" round poles. Wall mount available.

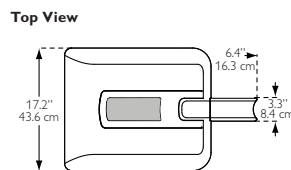
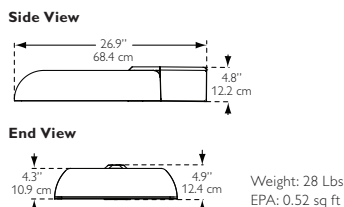
Finish: Available in Titanium gray, Textured black, textured white, textured bronze.

Listings: ETL/cETL Listed luminaire, to the UL 1598 standard, suitable for Wet Locations.

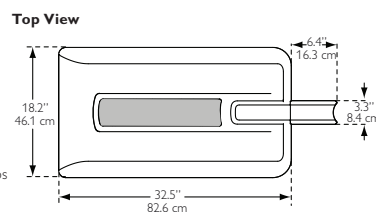
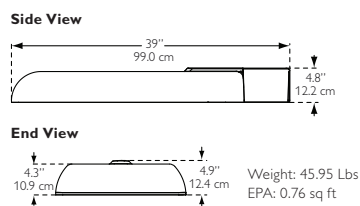
Warranty: Standard 5 Year Limited Warranty.

Dimensions

LPP1



LPP2



PHILIPS
Stonco

LytePro Plus Architectural Site Luminaire

TECHNICAL DATA INFORMATION

Ordering Code	# of LEDs	Drive Current	Input Watts	Efficacy (Avg)	Initial Lumen Output			
					Type 2	Type 3	Type 4	Type 5
LPP1A	80	350	90	109	9,733	9,822	9,974	9,824
LPP1B	80	530	129	106	13,468	13,590	13,800	13,593
LPP1C	64	700	136**	100	13,294	13,380	13,516	13,995
LPP2A	160	350	181	111	19,950	20,132	20,441	20,134
LPP2B	160	530	254	108	27,180	27,895	27,563	27,131
LPP2C	128	700	278**	97	26,655	27,608	27,255	26,584

Notes: *Technical data and performance are subject to change.

**Due to LED forward voltage variations and driver efficiency, total system watts could vary +/-4%.

OPTIONS

- ☐ **F1'** = Single Fusing (120, 277V)
- ☐ **F2'** = Double Fusing (208, 240, 480V)
- ☐ **PCB^{1,2}** = Photocontrol Button
- ☐ **TLRSC** = Twistlock Photocell Receptacle w/Shortening Cap
- ☐ **TLRPC^{1,2}** = Twist Lock Receptacle with Photocontrol
- ☐ **D** = Dimming Drive-0-10v leads exiting luminaire arm supplied for connection to external secondary controls (by others)
- ☐ **D(x)825³** = DynaDimmer for 8 hours, dims down to 25% providing 75% energy savings
- ☐ **D(x)850³** = DynaDimmer for 8 hours, dims down to 50% providing 50% energy savings
- ☐ **D(x)875³** = DynaDimmer 8 hours, dims down to 75% providing 25% energy savings
- ☐ **D(x)000³** = DynaDimmer- custom (%) dimming. First zero is hours, second two zeros are % dimming
- ☐ **H(x)⁴** = House side shield (2,3,4 factory installed)

¹Specify voltage

²Not available in 480V

³Only available in 120-277V. Substitute(x) for (single) or 2 (double) pod

⁴House Side Shield option and accessory are available for Type-II, Type-III, and Type-IV only. Substitute (x) for 1(single) or 2 (double) pod

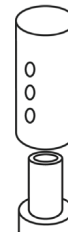
LytePro Plus Architectural Site Luminaire

ACCESSORIES

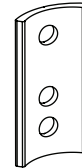
Round Tenon Adapters

RPTA190-DT13= Round Pole Tenon Adaptor 1 @ 90, DT13 Drill Template
RPTA290-DT13= Round Pole Tenon Adaptor 2 @ 90, DT13 Drill Template
RPTA2180-DT13= Round Pole Tenon Adaptor 2 @ 180 DT13 Drill Template
RPTA390-DT13= Round Pole Tenon Adaptor 3 @ 90, DT13 Drill Template
RPTA3120-DT13= Round Pole Tenon Adaptor 3 @ 120, DT13 Drill Template
RPTA490-DT13= Round Pole Tenon Adaptor 4 @ 90, DT13 Drill Template
RPA339-QLA¹⁰= Round Pole Adaptor for 3.0-3.9" pole (one required per luminaire)*

Round Tenon



RPA339-QLA



Round Pole Tenon Adapter

Round Pole Tenon adapter allows mounting of the LPP with straight arm to round pole with 2 -3/8" O.D. X 4" tall pole top tenon.

*RPA339-QLA¹⁰ Not available in 2@90, 3@90, or 4@90 mounting configurations

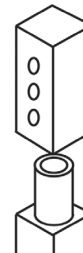
Square Tenon Adapters

SPTA190-DT13= Square Pole Tenon Adaptor 1 @ 90, DT13 Drill Template
SPTA290-DT13= Square Pole Tenon Adaptor 2 @ 90, DT13 Drill Template
SPTA2180-DT13= Square Pole Tenon Adaptor 2 @ 180, DT13 Drill Template
SPTA390-DT13= Square Pole Tenon Adaptor 3 @ 90, DT13 Drill Template
SPTA490-DT13= Square Pole Tenon Adaptor 4 @ 90, DT13 Drill Template

Square Pole Tenon Adapter

Square Pole Tenon adapter allows mounting of the LPP with straight arm to square pole with 2 -3/8" O.D. X 4" tall pole top tenon.

Square Tenon



Wall Mount Adaptor

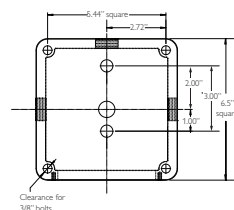
WM-LPP= Wall Mount LPP

SG-LPP1= Stone Guard for LPP single pod

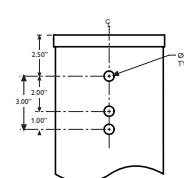
SG-LPP2= Stone Guard for LPP double pod

2H-1= 2L House Side Shield for single pod LEDgine unit
2H-2= 2L House Side Shield for double pod LEDgine unit
3H-1= 3L House Side Shield for single pod LEDgine unit
3H-2= 3L House Side Shield for double pod LEDgine unit
4H-1= 4L House Side Shield for single pod LEDgine unit
4H-2= 4L House Side Shield for double pod LEDgine unit

Wall Mount

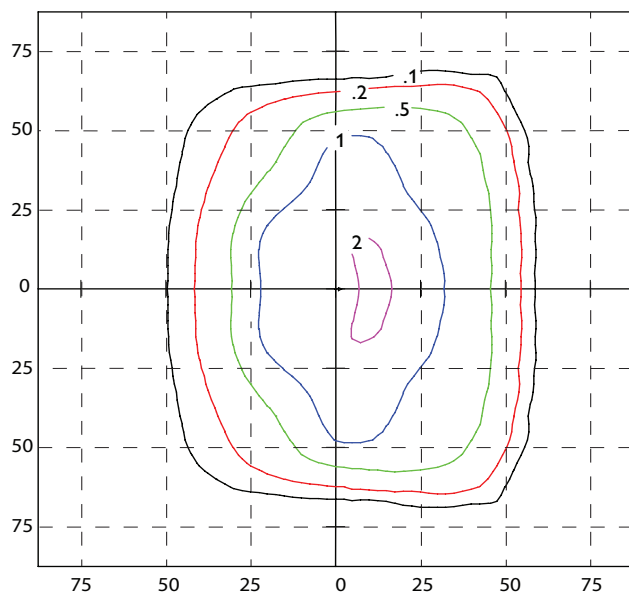


Arm Mount



LytePro Plus Architectural Site Luminaire

PHOTOMETRICS



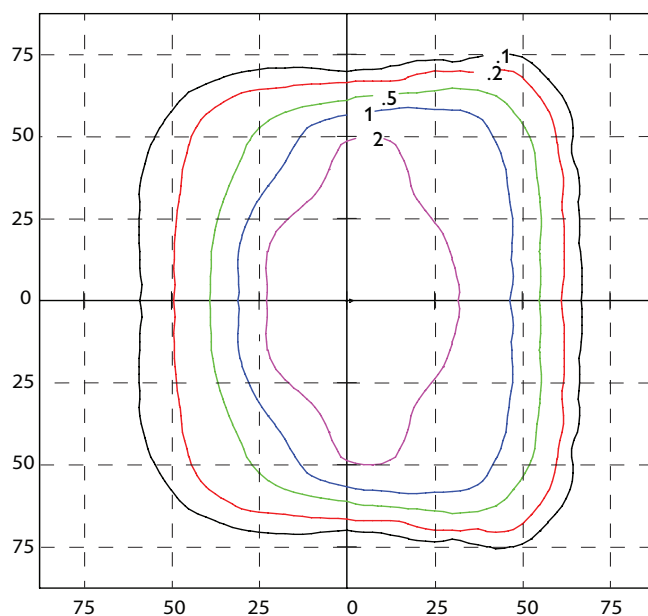
Stonco Lighting LED Architectural Site Luminaire

Photometric Filename: **LPP1C4K3**

LEDgine 64 Rebel ES

Characteristics

IES Classification	Type III
Longitudinal Classification	Short
Cutoff Classification (deprecated)	Full Cutoff
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	10292
Total Luminaire Efficiency	N.A.
Downward Total Efficiency	N.A.
Luminaire Efficacy Rating (LER)	76
Upward Waste Light Ratio	0.00
Max. Cd.	7270 (60H, 67.5V)
Max. Cd. (<90 Vert.)	7270 (60H, 67.5V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	172 (1.7%Lum)
Total Luminaire Watts	136.1
Ballast Factor	1.00



Stonco Lighting LED Architectural Site Luminaire

Photometric Filename: **LPP2C4K3**

LEDgine 64 Rebel ES

Characteristics

IES Classification	Type III
Longitudinal Classification	Short
Cutoff Classification (deprecated)	Full Cutoff
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	21237
Total Luminaire Efficiency	N.A.
Downward Total Efficiency	N.A.
Luminaire Efficacy Rating (LER)	77
Upward Waste Light Ratio	0.00
Max. Cd.	15712 (62.5H, 67.5V)
Max. Cd. (<90 Vert.)	15712 (62.5H, 67.5V)
Max. Cd. (At 90 Deg. Vert.)	0 (0.0%Lum)
Max. Cd. (80 to <90 Deg. Vert.)	304 (1.4%Lum)
Total Luminaire Watts	277.6
Ballast Factor	1.00



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