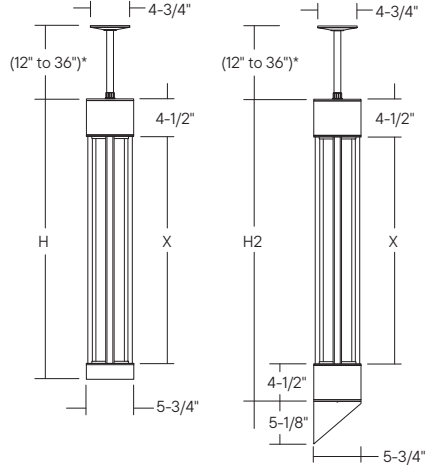


DL261RP : LUMENPOLE PENDANT MOUNT

6" FROSTED LENS - 1500LM - 4700LM (18W-55W)

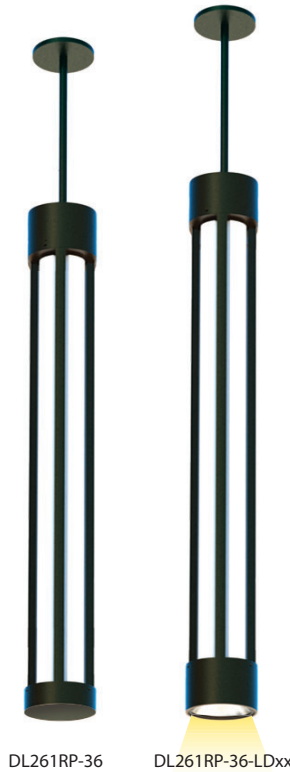


DL261RP-19/28/36
Shown with Shield Option (-SH)

DL261RP-19/28/3-LDxx
Shown with Shield Option (-SH)

	X	H	H2
DL261R-19	18-3/4"	25"	27-3/4"
DL261R-28	27-1/2"	33-3/4"	36-1/2"
DL261R-36	36"	42-1/4"	45"

* Stem available in other Lengths, consult Factory



- 6" Round
- Pendant available with downlight
- IK08 Impact Rating
- RGBW, and Photocell options
- 12", 24", 36", 48" & 72" Pendant stem heights
- 5-year warranty

ORDERING : DL261RP-19B-LD15-B45-DBNT-T27-C80-STM24

DL261RP

Fixture	Height of Lens	Finish	Downlight Lumens	Downlight Optic	Control	LED	Stem Length	Options
Fixture	DL261RP							
Pendant	DL261RP		None	Blank	Unidim™ 0-10V, ELV/Triac Dimming (120V/277V)	Blank	12" Stem	-STM12
			1000lm (10W)	-LD10	UniSense - Integral Motion/Photosensor (120V)	-SUN-INT⁶	24" Stem	-STM24
Height of Lens			1500lm (15W)	-LD15	UniSense - Integral Motion/Photosensor (120V/277V)	-SUN-INT-1227⁶	36" Stem	-STM36
19" Frosted Lens	-19		2000lm (20W)	-LD20	Casambi Wireless Dimming (120V/277V)	-DCSM^{1,7}	48" Stem	-STM48
28" Frosted Lens	-28		2600lm (28W)	-LD26	BubblyNet Wireless System (120V/277V)	-DBNT¹	72" Stem	-STM72
36" Frosted Lens	-36				SimplySnap Wireless System (120V/277V)	-DSYN⁹		
Finish				Downlight Optic				Options
Black	B		None	Blank			None	Blank
White	W⁸		Narrow Spot	-B10	LED		Day Light Sensor	-SDL³
Silver	S⁸		Spot	-B20	2700K (80 CRI)	-T27-C80¹	Surge Protector (120V/277V)	-SRG³
Bronze	BZ⁸		Flood	-B45	3000K (80 CRI)	-T30-C80	Glare Shield	-SH
			Wide Flood	-B60	4000K (80 CRI)	-T40-C80	Cold Weather	-CW⁴
					5000K (80 CRI)	-T50-C80¹	Marine Grade Finish	-MGD¹
					RGBW (80 CRI)	-RGBW^{1,2,3,5}		

¹ Special order. Minimum order quantity, extended lead time, and setup fee may apply. Consult factory.
² Available with wireless Bluetooth or DMX control. Consult factory for details. Remote power supplies and control gear may be required.
³ Not rated for cold weather. Minimum fixture outdoor temperature 0°C (-32°F).
⁴ Starting Temperature -40°C/-40°F.
⁵ (-RGBW) is only for the diffused section (NOT for the direct download light).
⁶ (-SUN-INT) sensor mounted differently if ordered with downlight. See page 5 for more details. Consult Factory for any layout assistance.
⁷ (-DCSM) not available for (-19) or (-LD10).
⁸ Special Order Finish. Minimum order quantity (MOQ) applies. Orders less than MOQ are subject to a special paint set-up fee for the quantity ordered. Extended lead times may apply. Consult Factory.
⁹ Special Order. Sent with surface mount JBOX to allow for direct-conduit entry.

Custom RAL Color: Please note that we appreciate custom finishes. Custom finishes are subject to a special paint setup fee for the quantity ordered. Extended lead times may apply. Consult Factory.

SPECIFICATION

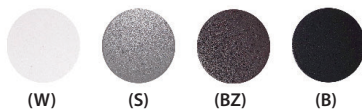
Application

6" diameter LumenPole Pendants extend the LumenPole Bollard and Light Column product line in outdoor and indoor environments providing ambient light and pedestrian level illumination where required with the optional downlight.

Housing, Arms, Enclosure Lens

Housing and vertical support Arms are constructed from curvilinear and trapezoid shaped high-grade robust aluminum extrusions. A white opal acrylic lens encloses the openings between the vertical support arms. Threaded end caps (or lens cover if equipped with downlight) are die-cast aluminum and seal the housing (top and bottom) using silicone O-rings and allow access to electrical components. The luminaire is suspended by 1/2" pipe for connection to a outdoor box cover. For specific mounting options see installation instructions.

Finish



A 7-stage electrostatic, polymer process provides an outdoor textured powder coat finish that delivers outstanding durability, superior anti-aging, resistance to corrosion and UV-degradation. Consult factory for Custom Color.

Standard Finishes:

White: *RAL 9003* (W)
Silver: *RAL 7037* (S)
Bronze: *RAL 8019* (BZ)
Black: *RAL 9005* (B)

Certifications and Listings



ETL / cETL Listed to UL1598 and UL8750 standards.

Suitable wet locations. (IP65)

Assembled in USA.

IK08 rated - Protected against 5 joules impact. Equivalent to impact of 1.7 kg mass dropped from 300 mm above impacted surface.

Caution:

LITON recommends use of surge protectors on incoming power. Locate them in the most convenient servicing location. Surge damage is not covered by warranty.

Warranty

Covered by a 5-Year Warranty to be free of defects in materials and craftsmanship. Fixture should not be installed in applications with ambient temperature above 60°C. Doing so will result in reduced lamp life and voided warranty.

SPECIFICATION (Continued)

Optics

White Opal Acrylic enclosure lens produces a smooth Symmetric Wide (-SYM-W) distribution. Downlight aluminum reflectors produce low glare illumination with multiple light control options.

LED

LED arrays mount to vertical triangular core to radially illuminate the white opal lens. Triangular core design produces a full 360° illumination. Standard LED arrays come in 80 CRI. Consult Factory for any custom setups (colors or CRI). Downlight powered by COB (Chip on Board) singular LED light source which provides smooth, uniform light output, eliminating the multiple imaging produced by multiple LED source optics. Binned with 4-step MacAdam ellipses as per ANSI Standard recommendation.






Lumen Maintenance:

Minimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results.

Lumen Options (Delivered):

19" Lens at 1500lm (18W), 28" Lens at 1700lm (20W), 36" Lens at 2100lm (25W) Pole light only. 1000lm (10W), 1500lm (15W), 2000lm (20W), 2600lm (30W) Downlight

Color Temperature Pole Light Only:

COLOR TEMP:	2700K	3000K	3500K	4000K	5000K
CRI:	80	80	80	80	80
					
	2700K	3000K	3500K	4000K	5000K

RGBW:



For applications desiring a dynamic color changing effect. RGBW design allows fine-tuned pastel colors and saturated hues without sacrificing illumination brightness. Can be set for static colors or dynamic shows. Multiple control options available with either Wireless Bluetooth control or DMX 512 remote mounted decoders.

On-site commissioning and programming available.

Consult Factory for Layout Assistance and Lead Times.

Electrical

LED Driver: AC 50/60Hz Electronic Direct Current Class 2 driver integrally mounted. Incoming power connects to Terminal Blocks. Power Factor > 0.90.

Minimum Operating Temperature:

Standard: -22°F/-30°C

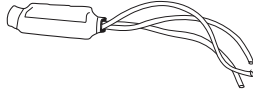
Cold Weather: -40°F/-40°C

SPECIFICATION (Continued)

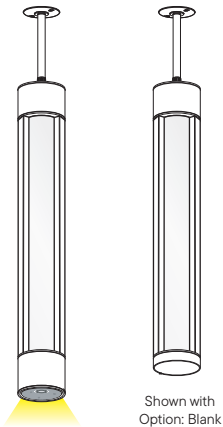
Additional Options



Photocell (-SDL): Installed internally in fixture. Sensor enables automatic on/off operation based on ambient light levels, providing dusk-to-dawn functionality.



Surge Protector (-SRG): Protects driver against surges in line voltage/current (20KV, 1.2/50µS & 10KA, 8/20µS). At end-of-life Suppressor opens the circuit to protect the driver. Surge suppressor is a perishable device requiring periodic replacement. Not a warranted item.



Shield Option Compatability

Shield option is only available for luminaires with LDxx Downlight options

- LD10
- LD15
- LD20
- LD26

Shown with
Option: LDxx
and
Shield Option (-SH)

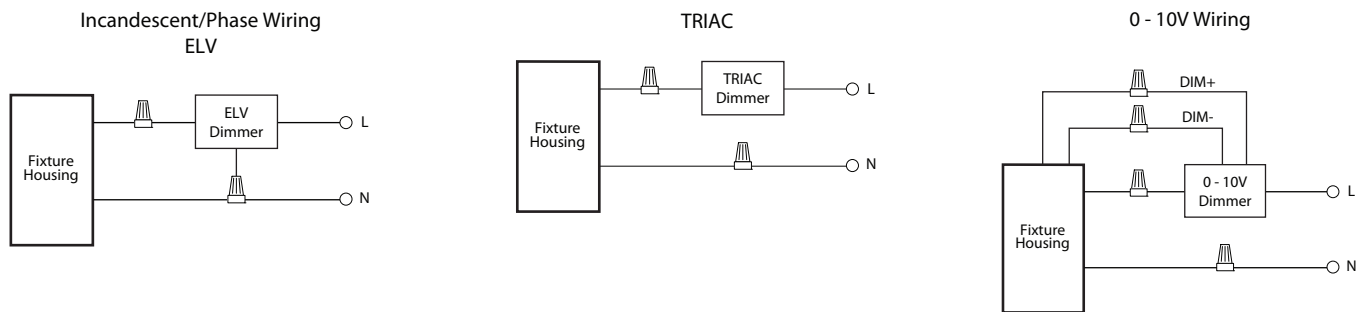
Shown with
Option: Blank

SPECIFICATION (Continued)

Dimming Options

UniDim™ Driver 120V/277V (UE-DUN):

All in one ELV and TRIAC phase dimming (120V only), and 0-10V dimming (120V/277V). Works with most 3-Wire ELV, 2-Wire incandescent and 120V/277V 5-Wire 0-10V fluorescent dimmers.



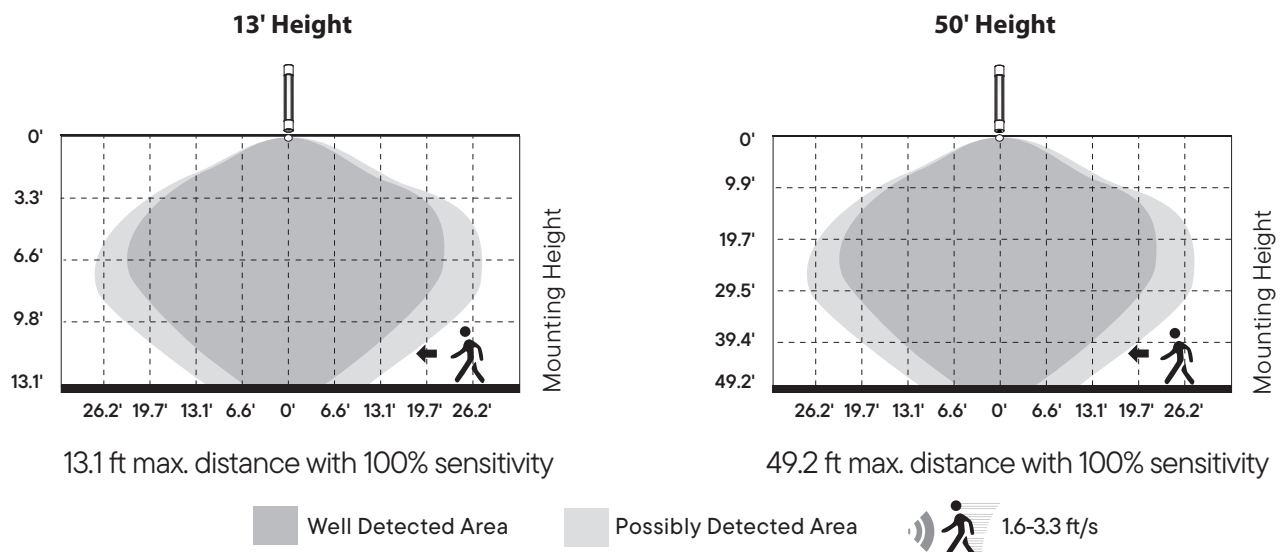
CASAMBI WIRELESS FIXTURE DIMMING CONTROL (-DCSM)

- Wireless technology with (BLE) Bluetooth Low Energy
- Mesh network connectivity and control
- Signal can be boosted by enabling openings near the module. Consult Factory.



Unisense™ PROGRAMMABLE MOTION + DAYLIGHT (-SUN-INT)

- Microwave and PIR (Passive Infrared) sensors depending on option
- Daylight harvesting
- Dusk/dawn sensing capabilities
- Motion Sensor



SPECIFICATION (Continued)

Marine Grade

The fixture features a marine-grade textured powder coat finish engineered to withstand extreme environmental conditions, including prolonged exposure to UV radiation, salt air, and moisture, which are prevalent in coastal and high-humidity environments.

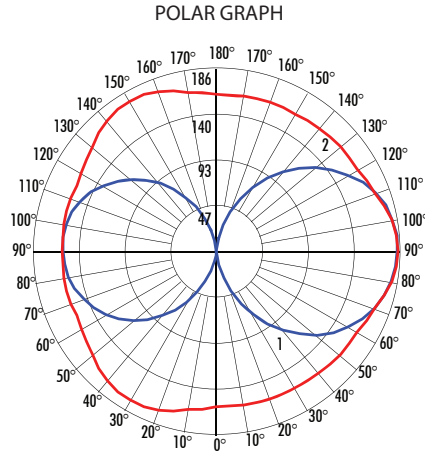
A multi-stage surface preparation, finishing, and curing process ensures maximum adhesion, durability, and corrosion resistance. The coating system undergoes rigorous salt spray (ASTM B117) testing, overbake resistance verification, and pencil hardness testing to validate its robustness against degradation.

The marine-grade powder coat is applied as a 30–50 μm bottom layer, providing a strong anti-corrosion foundation. This is further enhanced by a surface coat using a standard architectural-grade powder application with a total thickness of 80–120 μm , ensuring superior resistance to wear, impact, and environmental stressors.

PHOTOMETRY

DL261RP-28B-T30-C80 (28" Height, 18W, 3000K Pole Light Only)

System Power:	17.3W	MULTIPLIERS	
Test Date:	09/2023	HEIGHT	
Beam Angle 50%:	180.0°	19"	0.74
Field Angle 10%:	180.0°	28"	1.00
Color Temperature:	3000K	36"	1.06
CRI:	80	CCT	
Lumens Delivered:	1567	2700K	0.94
CBCP:	185	3000K	1.00
Power Factor:	0.99	3500K	1.02
		4000K	1.06

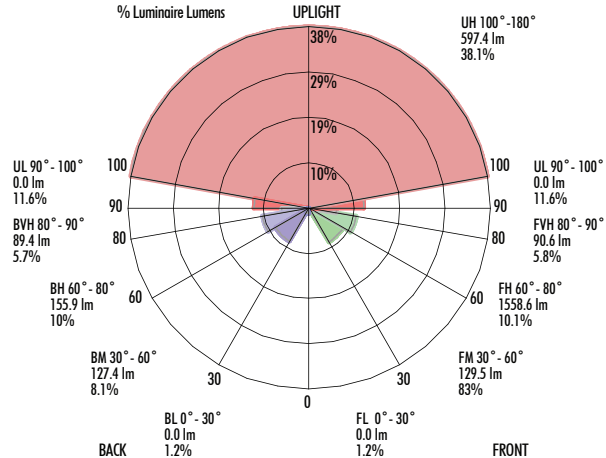


Maximum Candela = 186 Located At Horizontal Angle = 0, Vertical Angle = 95
 # 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
 # 2 - Horizontal Cone Through Vertical Angle (95) (Through Max. Cd.)

LCS TABLE

BUG RATING	B1-U4-G1	
	Lumens	Lumens %
FRONT		
Low (0-30°)	0.0	1.2%
Medium (30°-60°)	129.5	8.3%
High (60°-80°)	158.6	10.1%
Very High (80°-90°)	90.6	5.8%
BACK		
Low (0-30°)	0.0	1.2%
Medium (30°-60°)	127.4	8.1%
High (60°-80°)	155.9	10.0%
Very High (80°-90°)	89.4	5.7%
UPLIGHT		
Low (90°-100°)	0.0	11.6%
High (100°-180°)	597.4	38.1%

LCS GRAPH



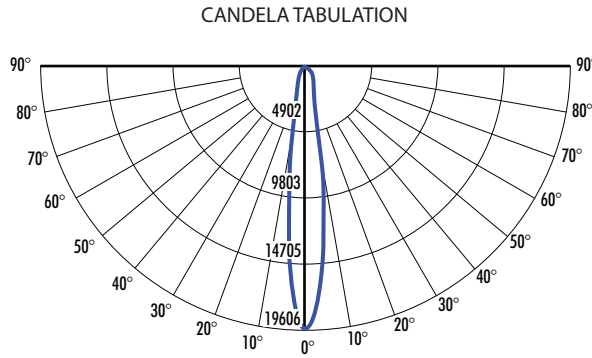
2024.08.08

*Lumens delivered

PHOTOMETRY

DL261RP-19B-L26-BD10-T40-C90 (2600lm, 28W, Narrow Spot, 4000K Downlight Only)

System Power:	31W	MULTIPLIERS	
Test Date:	12/2023	CCT	
Beam Angle 50%:	14.9°	2700K	0.88
Field Angle 10%:	33.1°	3000K	0.92
Color Temperature:	4151K	3500K	1.00
CRI:	92.4	4000K	1.00
Lumens Delivered:	3106	5000K	1.00
CBCP:	19606.1	LUMENS	
Power Factor:	0.97	1000lm (Blank)	0.38
Input Voltage:	120V	1500lm (L15)	0.53
		2200lm (L20)	0.72
		2600lm (L26)	1.00

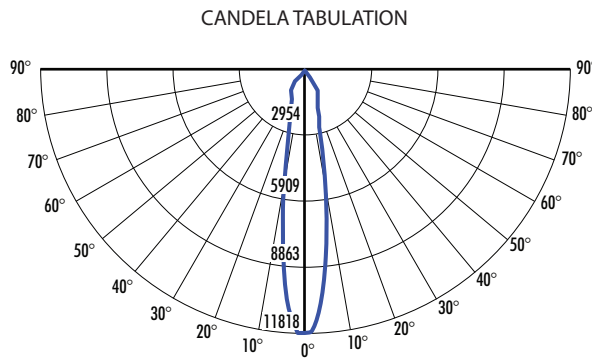


FOOTCANDLE DISTRIBUTION

Height	Beam Diameter											FC
	50°	40°	30°	20°	10°	0°	10°	20°	30°	40°	50°	
99.0'						25.9'						2
16.0'						4.2'						77
15.0'						3.9'						87
14.0'						3.7'						100
12.0'						3.1'						136
10.0'						2.6'						196
8.0'						2.1'						306
6.0'						1.6'						545
5.0'						1.3'						784
4.0'						1.1'						1125

DL261RP-19B-L26-BD20-T40-C90 (2600lm, 28W, Spot, 4000K Downlight Only)

System Power:	31W	MULTIPLIERS	
Test Date:	12/2023	CCT	
Beam Angle 50%:	18.9°	2700K	0.88
Field Angle 10%:	62.3°	3000K	0.92
Color Temperature:	4151K	3500K	1.00
CRI:	92.4	4000K	1.00
Lumens Delivered:	2880	5000K	1.00
CBCP:	11817.5	LUMENS	
Power Factor:	0.97	1000lm (Blank)	0.38
Input Voltage:	120V	1500lm (L15)	0.53
		2200lm (L20)	0.72
		2600lm (L26)	1.00

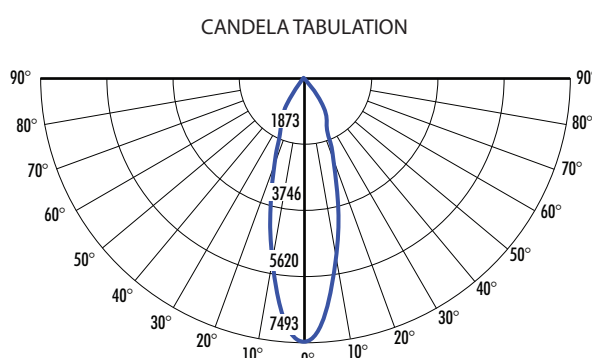


FOOTCANDLE DISTRIBUTION

Height	Beam Diameter											FC
	50°	40°	30°	20°	10°	0°	10°	20°	30°	40°	50°	
76.0'						25.3'						2
16.0'						5.3'						46
15.0'						5.0'						53
14.0'						4.7'						60
12.0'						4.0'						82
10.0'						3.3'						118
8.0'						2.7'						185
6.0'						2.0'						328
5.0'						1.7'						473
4.0'						1.3'						739

DL261RP-19B-L26-BD45-T40-C90 (2600lm, 28W, Flood, 4000K Downlight Only)

System Power:	31W	MULTIPLIERS	
Test Date:	12/2023	CCT	
Beam Angle 50%:	29.1°	2700K	0.88
Field Angle 10%:	71.1°	3000K	0.92
Color Temperature:	4151K	3500K	1.00
CRI:	92.4	4000K	1.00
Lumens Delivered:	3020	5000K	1.00
CBCP:	7492.8	LUMENS	
Power Factor:	0.97	1000lm (Blank)	0.28
Input Voltage:	120V	1500lm (L15)	0.38
		2200lm (L20)	0.72
		2600lm (L26)	1.00

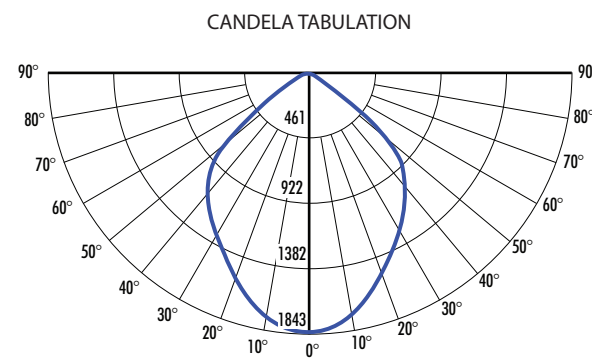


FOOTCANDLE DISTRIBUTION

Height	Beam Diameter											FC
	50°	40°	30°	20°	10°	0°	10°	20°	30°	40°	50°	
61.0'						61.7'						2
16.0'						8.3'						29
15.0'						7.8'						33
14.0'						7.3'						38
12.0'						6.2'						52
10.0'						5.2'						75
8.0'						4.2'						117
6.0'						3.1'						208
5.0'						2.6'						300
4.0'						2.1'						468

DL261RP-19B-L26-BD60-T40-C90 (2600lm, 28W, Wide Flood, 4000K Downlight Only)

System Power:	31W	MULTIPLIERS	
Test Date:	12/2023	CCT	
Beam Angle 50%:	91.0°	2700K	0.88
Field Angle 10%:	119.0°	3000K	0.92
Color Temperature:	4151K	3500K	1.00
CRI:	92.4	4000K	1.00
Lumens Delivered:	3138	5000K	1.00
CBCP:	1843.1	LUMENS	
Power Factor:	0.97	1000lm (Blank)	0.39
Input Voltage:	120V	1500lm (L15)	0.53
		2200lm (L20)	0.72
		2600lm (L26)	1.00



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter											FC
	50°	40°	30°	20°	10°	0°	10°	20°	30°	40°	50°	
30.0'						61.1'						2
16.0'						32.6'						7
15.0'						30.5'						8
14.0'						28.5'						9
12.0'						24.4'						13
10.0'						20.4'						18
8.0'						16.3'						29
6.0'						12.2'						51
5.0'						10.2'						74
4.0'						8.1'						115

2024.08.08