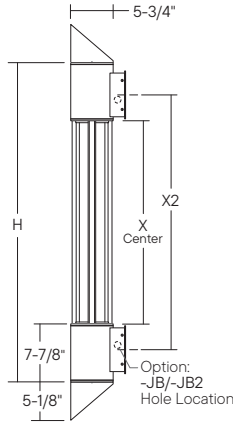


WD261R : LUMENPOLE DOUBLE ARM WALL MOUNT

6" FROSTED LENS - 28", AND 36" HEIGHT 1500LM - 7300LM (18W-85W)



WD261R-28/36-
Shown with Shield Option (-SH)

	X	X2	H
WD261R-28	27-1/2"	34-1/4"	43-1/4"
WD261R-36	36"	42-3/4"	51-3/4"



- 6" Round
- Wall mount available with uplight & downlight
- IK08 Impact Rating
- RGBW, and Photocell options
- 5-year warranty
- New Die-Cast Mounting Plate (-WPDC6)

ORDERING : WD261R-28B-LU26-BU10-BD60-TU27-TD27-C80-DCSM1-SH

WD261R

Fixture	Height of Lens	Finish	Uplight Lumens	Downlight Lumens	Uplight Optic	Downlight Optic	Uplight LED CCT	Downlight LED CCT	LED CCT	Control	Options
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Fixture	Uplight Lumens	Uplight Optic	Uplight LED CCT	LED CCT (Center)	Options
Wall Mount WD261R	None	Blank	None	Blank	None
	1000lm (10W)	-LU10	Narrow Spot	-BU10	2700K (90 CRI) -TU27
Height of Center	1500lm (15W)	-LU15	Spot	-BU20	2700K (97 CRI) -TU27-C97¹
	2000lm (20W)	-LU20	Flood	-BU45	3000K (90 CRI) -TU30
28" Frosted Lens	2600lm (25W)	-LU26	Wide Flood	-BU60	3000K (97 CRI) -TU30-C97¹
					3500K (90 CRI) -TU35
36" Frosted Lens			4000K (90 CRI) -TU40		5000K (80 CRI) -TU50¹
					RGBW (80 CRI) -TURGBW^{1,2}
Finish	None	Blank			Control
	1000lm (10W)	-LD10	Narrow Spot	-BD10	UniDim™ 0-10V, ELV/Triac Dimming (120V/277V)
Black B	1500lm (15W)	-LD15	Spot	-BD20	Blank
	2000lm (20W)	-LD20	Flood	-BD45	UniSense - Integral Motion/Photosensor (120V)
White W⁶	2600lm (25W)	-LD26	Wide Flood	-BD60	UniSense - Integral Motion/Photosensor (120V/277V)
					Casambi Wireless Dimming (120V/277V)
Silver S⁶					BubblyNet Wireless System (120V/277V)
					SimplySnap Wireless System (120V/277V)
Bronze BZ⁶					

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 (-SUN-INT) mounted differently if ordered with downlight. See page 5 for more details. Consult Factory for any layout assistance.
⁶ 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.

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

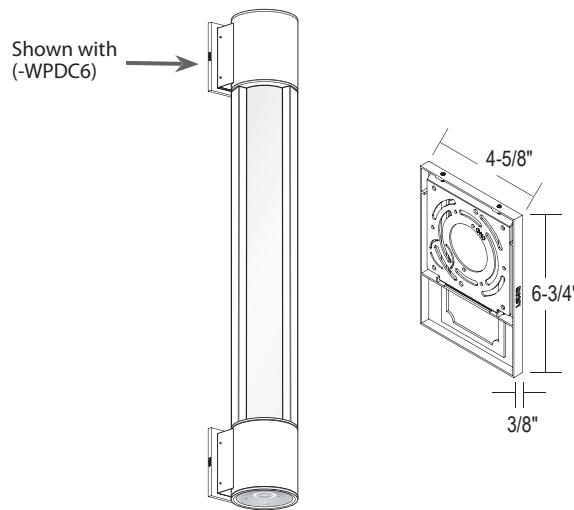
6" diameter LumenPole Double Arm Wall Mount luminaires extend the LumenPole Bollard and Light Column product line to the building entrance and inside. Downlight and Uplight/Downlight options are also available to illuminate the building facade.

Housing, Arms, Enclosure Lens

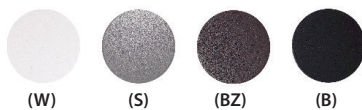
Housing and vertical support Arms are constructed from curvilinear and trapezoid shaped high-grade robust aluminum extrusions. A white opal acrylic lens encloses the openings between the vertical support arms. Threaded end caps (or lens cover if equipped with downlight) are die-cast aluminum and seal the housing (top and bottom) using silicone O-rings and allow access to electrical components. The wall arm is extruded aluminum and welded to the cylindrical housing. The wall arm mounts to a heavy steel wall bracket with four countersunk screws with matching powder coat finish. For specific mounting options see installation instructions.

Mounting

The standard mounting plate is a 6" high x 4-1/2" plate with a U-Bracket that installs directly onto 3-1/2" or 4" octagonal electrical junction box. (-WPDC6) is a die-cast oversized 6-3/4" high x 4-5/8" plate with a flat bracket designed to mount directly onto a 4" square junction box or a 3-1/2" or 4" octagonal electrical box.



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)

Consult factory for Custom Color.

Paint does not contain any copper compounds or elements.

SPECIFICATION (Continued)

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.

Optics

White Opal Acrylic enclosure lens produces a smooth Symmetric Wide (-SYM-W) distribution. Downlight/Uplight 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/Uplight 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:

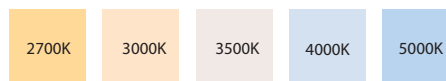
Minimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results.

Lumen Options (Delivered):

1700LM (20W), 2100lm (25W) Pole light only.
 1000lm (10W), 1500lm (15W), 2000lm (20W), 2600lm (30W) Downlight only.
 2000lm (20W), 3000lm (30W), 4000lm (40W), 5200lm (60W) Downlight and uplight only.

Color Temperature Pole Light Only:

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



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.

SPECIFICATION (Continued)

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:

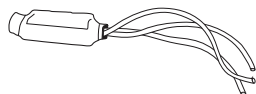
UE-DUN: -22°F/-30°C

Cold Weather: -40°F/-40°C

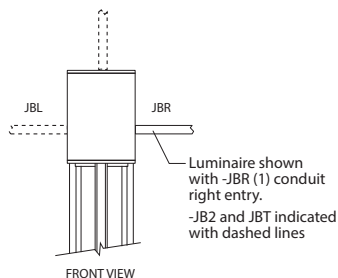
Additional Options



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.



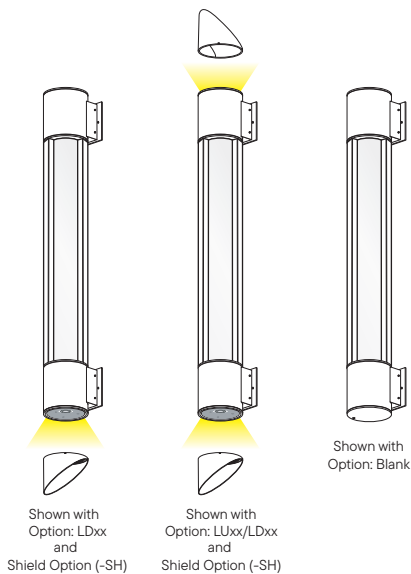
Optional J-Box (Direct Conduit Entry):

For use with mounting locations without a recessed junction box.

Allows for direct mounting to building surface. Arm may be configured for up to 3 conduit entries (1/2" total; 2 on the sides, 1 on top).

Configure as:

- JBL/JBR:** (1) Conduit entry in wall arm support from left or right looking at fixture as shown
- JB2:** (2) Conduit entry on both sides in wall arm support
- JBT:** (1) Conduit entry on top of wall arm support



Shield Option Compatability

Shield option is only available for luminaires with LDxx Downlight and LUxx/LDxx Uplight/Downlight option

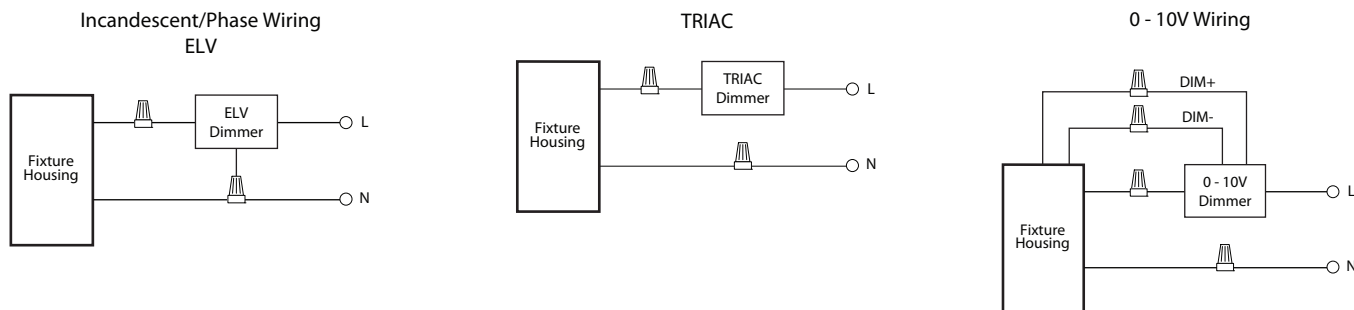
-LU10	-LD10
-LU15	-LD15
-LU20	-LD20
-LU26	-LD26

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.



WIRELESS FIXTURE DIMMING CONTROL (-DCSM) CASAMBI

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



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.

SPECIFICATION (Continued)

Marine Grade

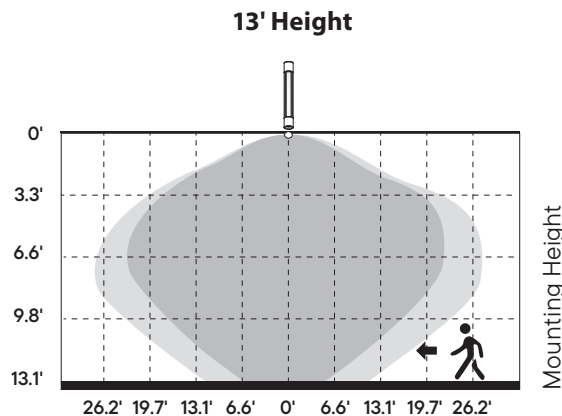
The fixture features a marine-grade textured powder coat finish engineered to withstand extreme environmental conditions, including prolonged exposure to UV radiation, salt air, and moisture, which are prevalent in coastal and high-humidity environments.

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.

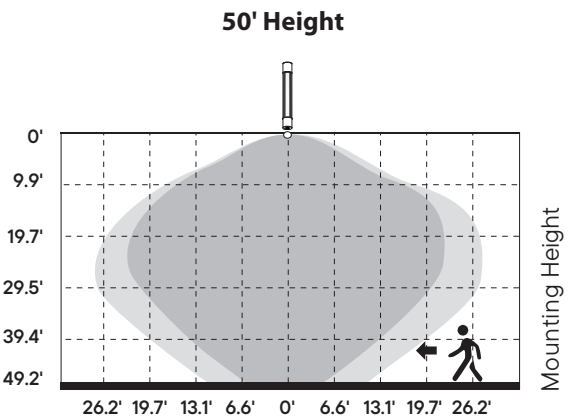
The marine-grade powder coat is applied as a 30–50 µm bottom layer, providing a strong anti-corrosion foundation. This is further enhanced by a surface coat using a standard architectural-grade powder application with a total thickness of 80–120 µm, ensuring superior resistance to wear, impact, and environmental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

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

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



13.1 ft max. distance with 100% sensitivity



49.2 ft max. distance with 100% sensitivity

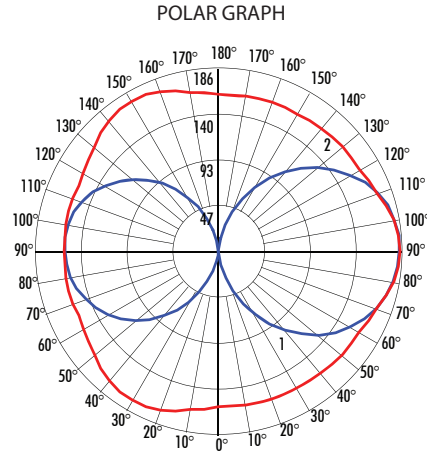
Well Detected Area
 Possibly Detected Area

 1.6-3.3 ft/s

PHOTOMETRY

WD261R-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°	28"	1.00
Field Angle 10%:	180.0°	36"	1.33
Color Temperature:	3000K	CCT	
CRI:	80	2700K	0.94
Lumens Delivered:	1567	3000K	1.00
CBCP:	185	3500K	1.02
Power Factor:	0.99	4000K	1.06

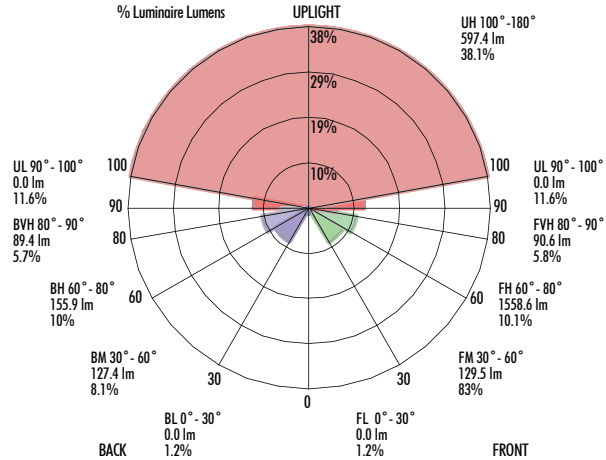


Maximum Candela = 186 Located At Horizontal Angle = 0, Vertical Angle = 95
 # 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
 # 2 - Horizontal Cone Through Vertical Angle (95) (Through Max. Cd.)

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



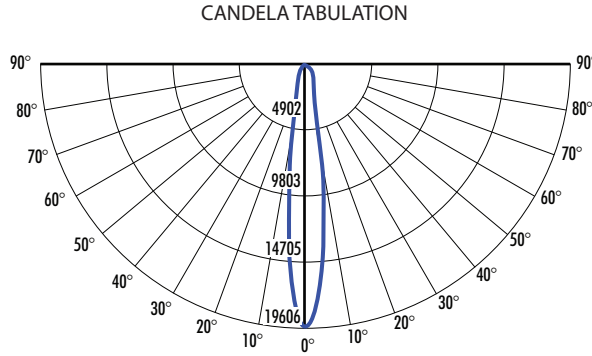
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*Lumens delivered

PHOTOMETRY

WD261R-28B-L26-BD10-T40-C90 (2600lm, 28W, Narrow Spot, 4000K Uplight/Downlight)

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

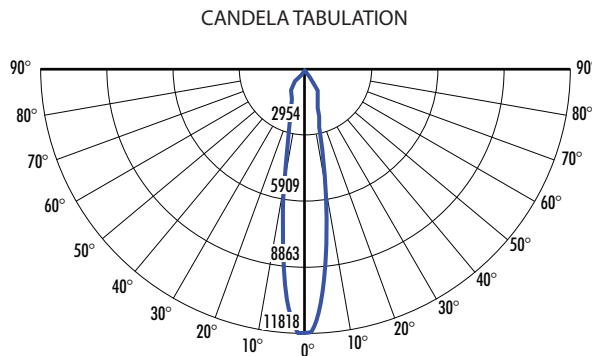


FOOTCANDLE DISTRIBUTION

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

WD261R-28B-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

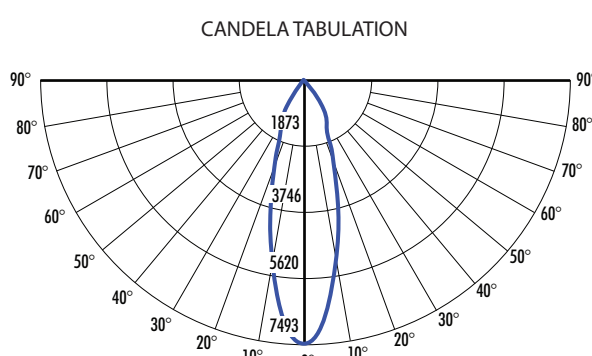


FOOTCANDLE DISTRIBUTION

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

WD261R-1928B-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

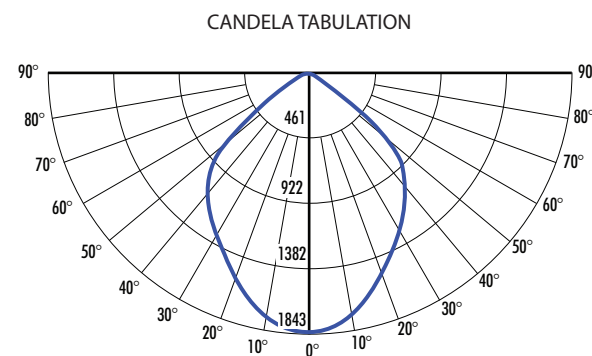


FOOTCANDLE DISTRIBUTION

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

WD261R-28B-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

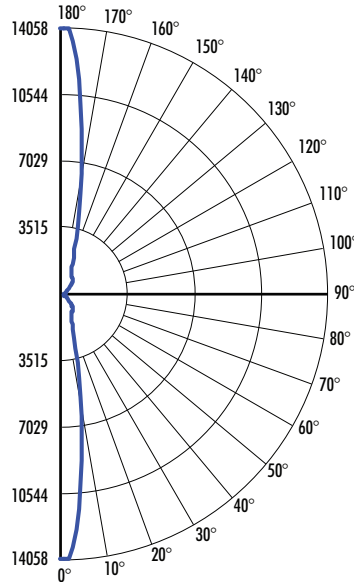
PHOTOMETRY

WD261R-28B-L26-BU10-BD10-T40-C90 (2x2600lm, 60W, Narrow Spot, 4000K Uplight/Downlight)

System Power: 61.6W
 Test Date: 02/2024
 Beam Angle 50%: 15.1°
 Field Angle 10%: 33.4°
 Color Temperature: 4131K
 CRI: 92.7
 Lumens Delivered: 2x3129.2
 CBCP: 18691.7
 Power Factor: 0.96

MULTIPLIERS	
CCT	
2700K:	0.88
3000K:	0.92
3500K:	1.00
4000K:	1.00
Lumens	
Blank	0.39
-L15	0.53
-L20	0.72
-L26	1.00

CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

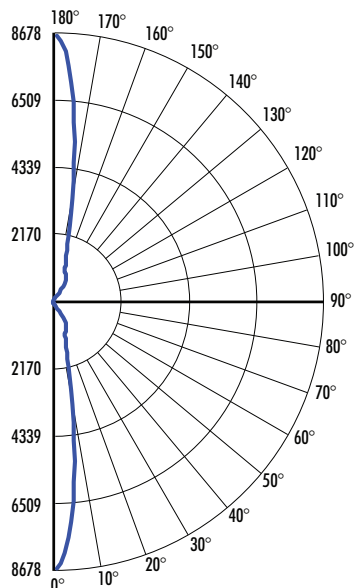
Height	Beam Diameter	FC
16.0'	4.24'	76.06
14.0'	3.71'	99.34
12.0'	3.18'	135.21
10.0'	2.65'	194.70
8.0'	2.12'	304.23
8.0'	2.12'	304.23
10.0'	2.65'	194.70
12.0'	3.18'	135.21
14.0'	3.71'	99.34
16.0'	4.24'	76.06

WD261R-28B-L26-BU20-BD20-T40-C90 (2x2600lm, 60W, Spot, 4000K Uplight/Downlight)

System Power: 61.6W
 Test Date: 02/2024
 Beam Angle 50%: 18.7°
 Field Angle 10%: 61.6°
 Color Temperature: 4116K
 CRI: 92.6
 Lumens Delivered: 2x2898.6
 CBCP: 11571.2
 Power Factor: 0.96

MULTIPLIERS	
CCT	
2700K:	0.88
3000K:	0.92
3500K:	1.00
4000K:	1.00
Lumens	
Blank	0.39
-L15	0.53
-L20	0.72
-L26	1.00

CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
16.0'	5.27'	47.08
14.0'	4.61'	61.50
12.0'	3.95'	83.70
10.0'	3.29'	120.53
8.0'	2.63'	188.33
8.0'	2.63'	188.33
10.0'	3.29'	120.53
12.0'	3.95'	83.70
14.0'	4.61'	61.50
16.0'	5.27'	47.08

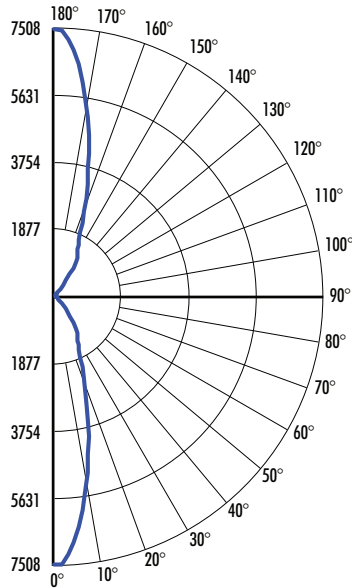
PHOTOMETRY

WD261R-28B-L26-BU45-BD45-T40-C90 (2x2600lm, 60W, Flood, 4000K Uplight/Downlight)

System Power: 61.6W
 Test Date: 02/2024
 Beam Angle 50%: 29.0°
 Field Angle 10%: 71.2°
 Color Temperature: 4152K
 CRI: 92.4
 Lumens Delivered: 2x3039.5
 CBCP: 7508.1
 Power Factor: 0.97

MULTIPLIERS	
CCT	
2700K:	0.88
3000K:	0.92
3500K:	1.00
4000K:	1.00
Lumens	
Blank	0.39
-L15	0.53
-L20	0.72
-L26	1.00

CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

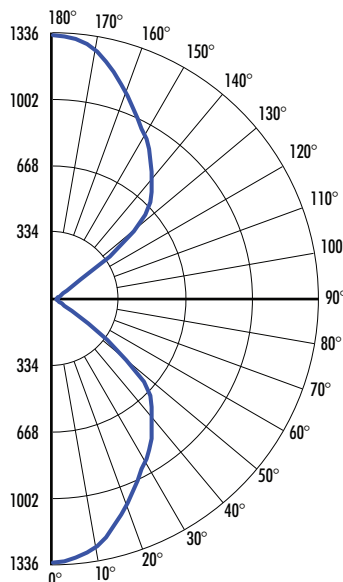
Height	Beam Diameter	FC
16.0'	8.28'	29.33
14.0'	7.24'	38.31
12.0'	6.21'	52.14
10.0'	5.17'	75.08
8.0'	4.14'	117.31
8.0'	4.14'	117.31
10.0'	5.17'	75.08
12.0'	6.21'	52.14
14.0'	7.24'	38.31
16.0'	8.28'	29.33

WD261R-28B-L26-BU60-BD60-T40-C90 (2x2600lm, 60W, Wide Flood, 4000K Uplight/Downlight)

System Power: 61.6W
 Test Date: 02/2024
 Beam Angle 50%: 91.0°
 Field Angle 10%: 119.0°
 Color Temperature: 4126K
 CRI: 92.6
 Lumens Delivered: 2x3158
 CBCP: 1780.5
 Power Factor: 0.96

MULTIPLIERS	
CCT	
2700K:	0.88
3000K:	0.92
3500K:	1.00
4000K:	1.00
Lumens	
Blank	0.39
-L15	0.53
-L20	0.72
-L26	1.00

CANDELA TABULATION



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
16.0'	44.86'	7.25
14.0'	28.49'	9.46
12.0'	24.42'	12.88
10.0'	20.35'	18.55
8.0'	16.28'	28.98
8.0'	16.28'	7.25
10.0'	20.35'	18.55
12.0'	24.42'	12.88
14.0'	28.49'	9.46
16.0'	44.86'	7.25