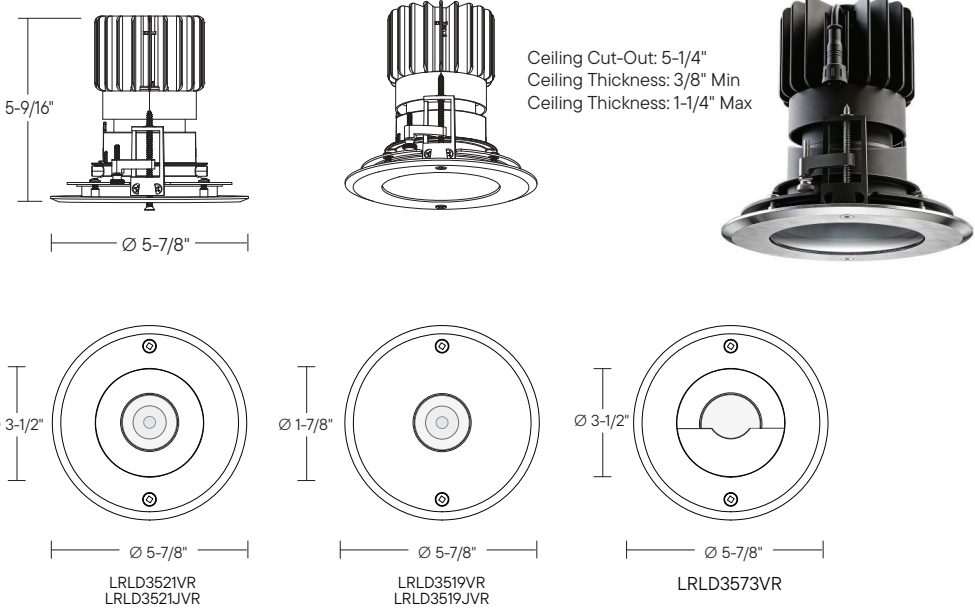


LRLD35VR : 3.5" P-SERIES

VANDAL RESISTANT ROUND FLANGED 600LM-3000LM (7W-30W)



- New stainless steel vandal resistant rings trim options
- Stainless steel trim/faceplate resists corrosion
- 3/8" tempered glass lens for added resilience
- Silicone gasket creates a watertight seal
- Tamper-resistant stainless steel trim screws for added security
- IK08 rated for impact resistance



Trim	Trim Finish	Lumens	Beam Spread	Color Temperature	Control	Rating	Accessories
Trim Style		Beam Spread		Control		Rating	
FLANGED		Wall Wash only	Blank⁴	Non-Dimming (120V)	Blank	None	Blank
Bevel Downlight	LRLD3521VR	15° Beam	-B15	TRIAC/ELV Dimming (120V)	-DIN	Airtight Lensed (Wet Location)	-WL
Adjustable Bevel	LRLD3521JVR	24° Beam	-B24	0-10V Dimming (120V/277V)	UE-D10	4" J-Box (Chicago Plenum)	-JB-CHP
Adjustable Bevel	LRLD3519VR	36° Beam	-B36	1%, 0-10V Dimming (120V/277V)	UE-D10P1		
Adjustable Pinhole	LRLD3519JVR	50° Beam	-B50	UniDim™ 0-10V, TRIAC/ELV Dimming (120V/277V)	UE-DUN		
Wall Wash	LRLD3573VR			Lutron EcoSystem	DEC¹		
Trim Finish		Color Temperature		Accessories^{7,8}			
All Black	B	2400K (90 CRI)	-T24	Dali Dimming	-DLI¹	None	Blank
All White	W	2700K (97 CRI)	-T27	Athena Wireless Node (120V)	-AWN	Black Hex-Cell Louver	-LVR
Custom Color	CC	2700K (97 CRI)	-T27-C97	Casambi Wireless Dimming (120V/277V)	-DCSM¹	Red Lens	/L39
Lumens		3000K (90 CRI)	-T30	BubblyNet Wireless System (120V/277V)	-DBNT¹	Yellow Lens	/L40
600lm (7W)	-L06	3000K (97 CRI)	-T30-C97			BlueRed Lens	/L41
1000lm (11W)	-L10	3500K (90 CRI)	-T35			Amber Lens	/L42
1500lm (15W)	-L15	4000K (90 CRI)	-T40			Green Lens	/L43
2000lm (21W)	-L20	Dim-to-Warm	-TWD²			Daylight Blue Lens	/L44
2600lm (25W)	-L26	1800K-3000K				Violet Blue Lens	/L46
3000lm (30W)	-L30					Frosted Soft Focus	/L49
						Ultra Violet Filter	/L50UV
						Micro Prismatic Spread Lens	/L53
						Linear Spread Lens	/L55

¹ Special order, minimum order. Extended lead time may apply. Consult Factory.
² (-TWD) is only compatible with (-L15) 1500lm (15W).
⁴ Must be selected for Wallwash Trim Style.
⁷ Not available with Wall Wash Trim (LRLD3573).
⁸ Accessories may not be combined. Limit is one (1) accessory per fixture.

Consult factory for emergency battery options.

SPECIFICATION

Application

Perfect for ambient and task downlighting in low to medium height ceilings and High-End Residential and Commercial applications. Also available in bevel and pinhole options as downlight or with adjustable tilt up to 30° and wall wash.

Housing

Suitable for remodel or new construction installations. Designed to secure to existing sheet rock or panel ceilings up to 1-1/4" thick. For added support in weak ceilings, LRLD35 Frames can be used.

Thermal Management:

Effective thermal dissipation facilitated by integral cast-aluminum, heat sink design for maximum heat rejection to provide long LED life.

Junction Box

18 gauge pre-wired aluminum Junction Box. 7 cubic-inch for a maximum of (4) #12 AWG wires. (2) 1/2" knock-outs. Remove covers for easy access and ground wire. For 1/2" Pipe or Flex-Conduit (LITON# PCT031) Fitting Adaptor should be used. Consult Factory.

Trim Ring

LRLD35-VR supplied fully assembled with a machined, beveled round stainless steel trim/faceplate for corrosion resistance and a refined finish. Includes a separate 1/4" thick clear tempered glass lens for impact resistance and high light transmission, with a continuous silicone gasket to provide a watertight seal against moisture and debris.

Trim/faceplate and lens are secured to the housing with stainless steel tamper-resistant screws for added security in public or high-traffic applications.

Brackets/Mounting

Fixture includes screw-down mounting clips for installation to existing flat surfaces. Optional mounting pan with adjustable hanger bars available for new construction or where additional support is required. Consult factory for details.

Reflector

Multifaceted TIR reflector locks into place on LED Light Engine.

Optics

LED Light Engine:

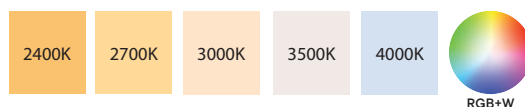
COB (Chip on Board) LED is replaceable via quick disconnect terminal.

Color Temperature:

COLOR TEMP:	2400K	2700K	3000K	3500K	4000K
CRI:	90	90,97	90,97	90	90

Consult factory for availability of other color temperatures.

3 SDCM Standard. Consult Factory for availability and lead time for 2 SDCM.



SPECIFICATION (Continued)

Beam Spread: Available in 15° (-B15), 24° (-B24), 36° (-B36), 50° (-B50) for Bevel and Pinhole only.

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

Control Options

Remote Driver options available. Consult Factory.

Triac dimming to 7 %, 120V Only

0-10V to 5%, 120V/277V (UE-D10)

0-10V to 1%, 120V/277V (UE-D10P1)

0-10V to 5%, 120V/277V, ELV, and Triac (UE-DUN)

ELV and TRIAC Driver 120V (-DIN):

Compatible with electronic low voltage, and 2-Wire incandescent dimmers. Also known as leading edge, Reverse Phase, Forward Phase dimming. Allows smooth dimming down to 5% depending upon the dimmer's limitations.

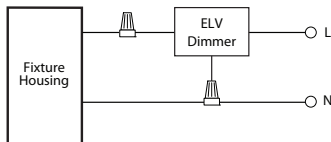
0-10V Driver 120V/277V (UE-D10):

Compatible with most existing 0-10V systems. Also known as fluorescent or 5-Wire dimming. Allows smooth dimming down to 5% depending upon the dimmer's limitations. Compatible with daylight harvesting controls.

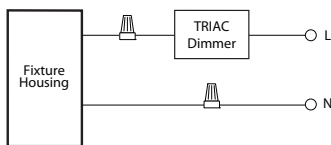
UniDim™ Driver 120V/277V (UE-DUN):

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.

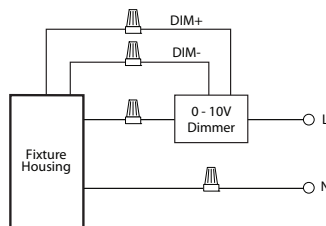
Incandescent/Phase Wiring
ELV



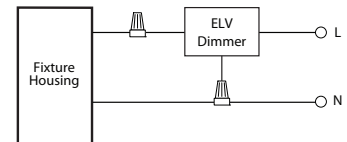
TRIAC



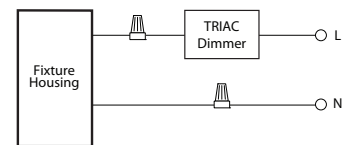
0 - 10V Wiring



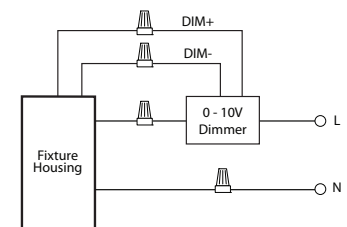
Incandescent/Phase Wiring
ELV



TRIAC



0 - 10V Wiring



SPECIFICATION (Continued)

Finishes

Reflectors and trim rings are available in powder coated all Black (B) or all White (W) in a die-cast one piece design. Consult Factory for Custom Color RAL finishes. (Charges may apply).

Certifications and Listings

ETL/cETL listed to UL1598 and UL8750. Suitable for damp and wet locations. NYC approved: Calendar #41937. CCEA (City of Chicago Environmental Air) Certified: Conforms to CCEA-200 with Section 18-27-300.22 and special requirements Section 14-20-210C-4.

Caution

LITON recommends use of surge protectors on the power entering LED Housings. Surge damage is not covered by warranty. (+1KV). Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury.

Warranty

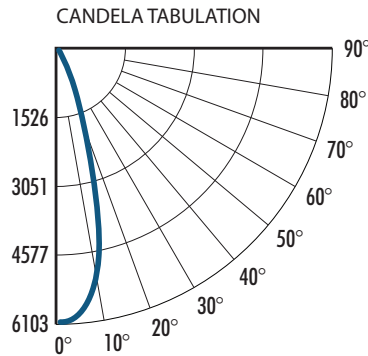
Covered by a 5-Year Warranty to be free of defects in materials and craftsmanship. Recommended for applications where ambient temperatures do not exceed 35°C (95°F). Installations exceeding this temperature will result in reduced LED lamp life and a voided warranty.

PHOTOMETRY - DOWNLIGHT & ADJUSTABLE (Data also applies for LRLD3521J, LRXL3521, LRXL3521J)

LRLD3521W-L30-B15-T30UE-D10 (3000lm, 30W, 15°, 3000K)

System Power:	27.5W
Test Date:	03/2025
Beam Angle 50%:	27.6°
Field Angle 10%:	48.7°
Color Temperature:	3111K
CRI:	91.7
Lumens Delivered:	1561
CBCP:	6098.3
Power Factor:	0.97

MULTIPLIERS LUMEN OUTPUT	
600lm (-L06) :	0.20
1000lm (-L10) :	0.33
1500lm (-L15) :	0.50
2000lm (-L20) :	0.67
2600lm (-L26) :	0.87
3000lm (-L30) :	1.00
COLOR TEMPERATURE	
2700K :	0.96
3000K :	1.00
3500K :	1.03
4000K :	1.06
CRI	
90 CRI :	1.00
97 CRI :	0.91
VANDAL	
Vandal Ring (VR) : 0.85	

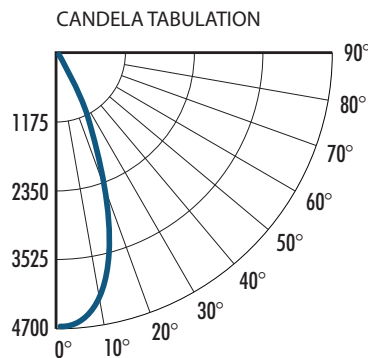


FOOTCANDLE DISTRIBUTION		
Height	Beam Diameter	FC
10.0'	4.91'	60.81
20.0'	9.82'	15.20
30.0'	14.74'	6.76
40.0'	19.65'	3.80
55.0'	27.02'	2.01

LRLD3521W-L30-B24-T30UE-D10 (3000lm, 30W, 24°, 3000K)

System Power:	27.6W
Test Date:	03/2025
Beam Angle 50%:	38.1°
Field Angle 10%:	57.6°
Color Temperature:	3111K
CRI:	91.7
Lumens Delivered:	1869
CBCP:	4700.4
Power Factor:	0.97

MULTIPLIERS LUMEN OUTPUT	
600lm (-L06) :	0.20
1000lm (-L10) :	0.33
1500lm (-L15) :	0.50
2000lm (-L20) :	0.67
2600lm (-L26) :	0.87
3000lm (-L30) :	1.00
COLOR TEMPERATURE	
2700K :	0.96
3000K :	1.00
3500K :	1.03
4000K :	1.06
CRI	
90 CRI :	1.00
97 CRI :	0.91
VANDAL	
Vandal Ring (VR) : 0.85	

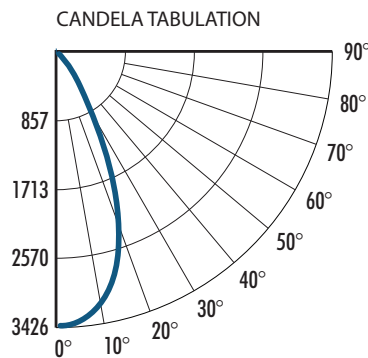


FOOTCANDLE DISTRIBUTION		
Height	Beam Diameter	FC
10.0'	6.91'	46.90
20.0'	13.81'	11.72
30.0'	20.67'	5.21
40.0'	27.56'	2.93
48.0'	33.15'	2.04

LRLD3521W-L30-B36-T30UE-D10 (3000lm, 30W, 36°, 3000K)

System Power:	27.4W
Test Date:	03/2025
Beam Angle 50%:	46.5°
Field Angle 10%:	66.9°
Color Temperature:	3111K
CRI:	91.7
Lumens Delivered:	1885
CBCP:	3425.5
Power Factor:	0.97

MULTIPLIERS LUMEN OUTPUT	
600lm (-L06) :	0.20
1000lm (-L10) :	0.33
1500lm (-L15) :	0.50
2000lm (-L20) :	0.67
2600lm (-L26) :	0.87
3000lm (-L30) :	1.00
COLOR TEMPERATURE	
2700K :	0.96
3000K :	1.00
3500K :	1.03
4000K :	1.06
CRI	
90 CRI :	1.00
97 CRI :	0.91
VANDAL	
Vandal Ring (VR) : 0.85	

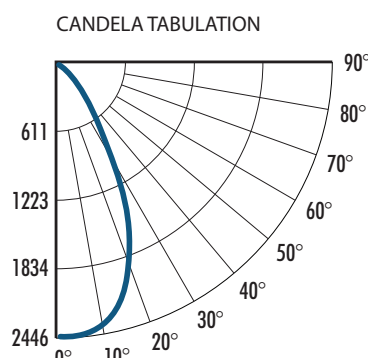


FOOTCANDLE DISTRIBUTION		
Height	Beam Diameter	FC
10.0'	8.59'	34.24
20.0'	17.19'	8.56
25.0'	21.48'	5.48
30.0'	25.78'	3.80
41.0'	35.23'	2.04

LRLD3521W-L30-B50-T30UE-D10 (3000lm, 30W, 50°, 3000K)

System Power:	27.5W
Test Date:	03/2025
Beam Angle 50%:	54.0°
Field Angle 10%:	76.6°
Color Temperature:	3111K
CRI:	91.7
Lumens Delivered:	1867
CBCP:	2444.9
Power Factor:	0.97

MULTIPLIERS LUMEN OUTPUT	
600lm (-L06) :	0.20
1000lm (-L10) :	0.33
1500lm (-L15) :	0.50
2000lm (-L20) :	0.67
2600lm (-L26) :	0.87
3000lm (-L30) :	1.00
COLOR TEMPERATURE	
2700K :	0.96
3000K :	1.00
3500K :	1.03
4000K :	1.06
CRI	
90 CRI :	1.00
97 CRI :	0.91
VANDAL	
Vandal Ring (VR) : 0.85	



FOOTCANDLE DISTRIBUTION		
Height	Beam Diameter	FC
10.0'	10.19'	24.30
20.0'	20.38'	6.07
25.0'	25.48'	3.89
30.0'	30.57'	2.70
34.0'	34.65'	2.10

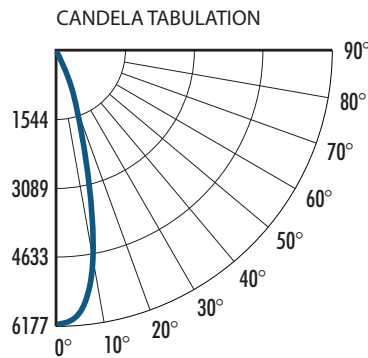
2026.01.09

PHOTOMETRY - DOWNLIGHT & ADJUSTABLE (Data also applies for LRLD3519J, LRXL3519, LRXL3519J)

LRLD3519W-L30-B15-T30UE-D10 (3000lm, 30W, 15°, 3000K)

System Power:	27.4W
Test Date:	03/2025
Beam Angle 50%:	225.8°
Field Angle 10%:	44.3°
Color Temperature:	3111K
CRI:	91.7
Lumens Delivered:	1319
CBCP:	6169
Power Factor:	0.97

MULTIPLIERS	
LUMEN OUTPUT	
600lm (-L06) :	0.20
1000lm (-L10) :	0.33
1500lm (-L15) :	0.50
2000lm (-L20) :	0.67
2600lm (-L26) :	0.87
3000lm (-L30) :	1.00
COLOR TEMPERATURE	
2700K :	0.96
3000K :	1.00
3500K :	1.03
4000K :	1.06
CRI	
90 CRI :	1.00
97 CRI :	0.91
VANDAL	
Vandal Ring (VR) :	0.85

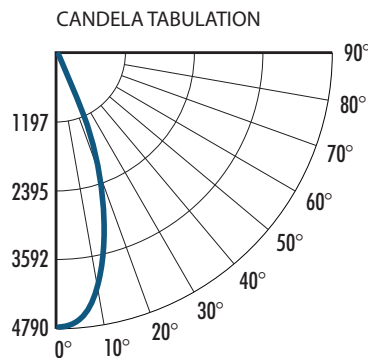


FOOTCANDLE DISTRIBUTION		
Height	Beam Diameter	FC
10.0'	4.58'	61.63
20.0'	9.16'	15.41
30.0'	13.74'	6.85
40.0'	18.32'	3.85
55.0'	25.19'	2.04

LRLD3519W-L30-B24-T30UE-D10 (3000lm, 30W, 24°, 3000K)

System Power:	27.5W
Test Date:	03/2025
Beam Angle 50%:	36.5°
Field Angle 10%:	55.1°
Color Temperature:	3111K
CRI:	91.7
Lumens Delivered:	1705
CBCP:	4790
Power Factor:	0.97

MULTIPLIERS	
LUMEN OUTPUT	
600lm (-L06) :	0.20
1000lm (-L10) :	0.33
1500lm (-L15) :	0.50
2000lm (-L20) :	0.67
2600lm (-L26) :	0.87
3000lm (-L30) :	1.00
COLOR TEMPERATURE	
2700K :	0.96
3000K :	1.00
3500K :	1.03
4000K :	1.06
CRI	
90 CRI :	1.00
97 CRI :	0.91
VANDAL	
Vandal Ring (VR) :	0.85

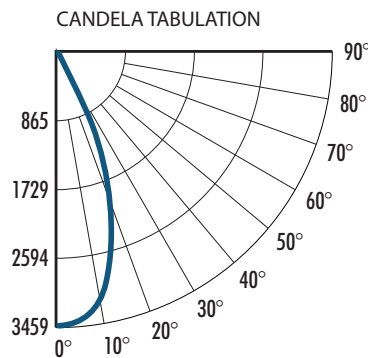


FOOTCANDLE DISTRIBUTION		
Height	Beam Diameter	FC
10.0'	6.60'	47.90
20.0'	13.19'	11.97
30.0'	19.79'	5.32
40.0'	26.38'	2.99
48.0'	31.66'	2.08

LRLD3519W-L30-B36-T30UE-D10 (3000lm, 30W, 36°, 3000K)

System Power:	27.5W
Test Date:	03/2025
Beam Angle 50%:	45.2°
Field Angle 10%:	62.6°
Color Temperature:	3111K
CRI:	91.7
Lumens Delivered:	1697
CBCP:	3457.7
Power Factor:	0.97

MULTIPLIERS	
LUMEN OUTPUT	
600lm (-L06) :	0.20
1000lm (-L10) :	0.33
1500lm (-L15) :	0.50
2000lm (-L20) :	0.67
2600lm (-L26) :	0.87
3000lm (-L30) :	1.00
COLOR TEMPERATURE	
2700K :	0.96
3000K :	1.00
3500K :	1.03
4000K :	1.06
CRI	
90 CRI :	1.00
97 CRI :	0.91
VANDAL	
Vandal Ring (VR) :	0.85

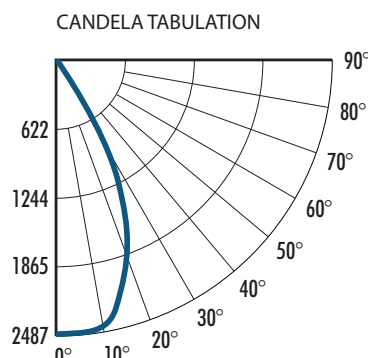


FOOTCANDLE DISTRIBUTION		
Height	Beam Diameter	FC
10.0'	8.33'	34.54
20.0'	16.65'	8.64
25.0'	20.81'	5.53
30.0'	24.98'	3.84
41.0'	34.13'	2.05

LRLD3519W-L30-B50-T30UE-D10 (3000lm, 30W, 50°, 3000K)

System Power:	27.5W
Test Date:	03/2025
Beam Angle 50%:	52.4°
Field Angle 10%:	72.8°
Color Temperature:	3111K
CRI:	91.7
Lumens Delivered:	1673
CBCP:	2487
Power Factor:	0.97

MULTIPLIERS	
LUMEN OUTPUT	
600lm (-L06) :	0.20
1000lm (-L10) :	0.33
1500lm (-L15) :	0.50
2000lm (-L20) :	0.67
2600lm (-L26) :	0.87
3000lm (-L30) :	1.00
COLOR TEMPERATURE	
2700K :	0.96
3000K :	1.00
3500K :	1.03
4000K :	1.06
CRI	
90 CRI :	1.00
97 CRI :	0.91
VANDAL	
Vandal Ring (VR) :	0.85



FOOTCANDLE DISTRIBUTION		
Height	Beam Diameter	FC
10.0'	9.84'	24.63
20.0'	19.68'	6.16
25.0'	24.60'	3.94
30.0'	29.52'	2.74
35.0'	34.44'	2.01

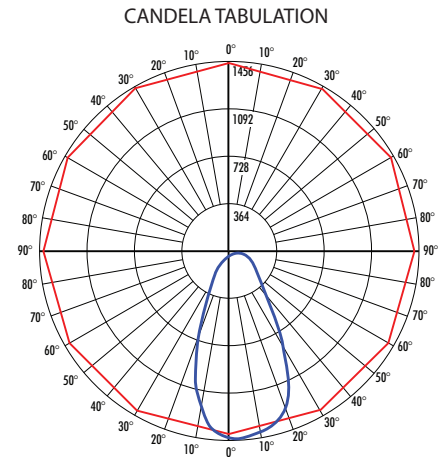
2026.01.09

PHOTOMETRY - WALL WASH (Data also applies for LRXLD3573)

LRLD3573W-L30-T30UE-D10 (3000lm, 30W, Wall Wash, 3000K)

Input Voltage:	120V
System Power:	28.97W
Test Date:	04/2025
Color Temperature:	3111K
CRI:	91.7
Lumens Delivered:	1386
CBCP:	1455.3
Power Factor:	0.97

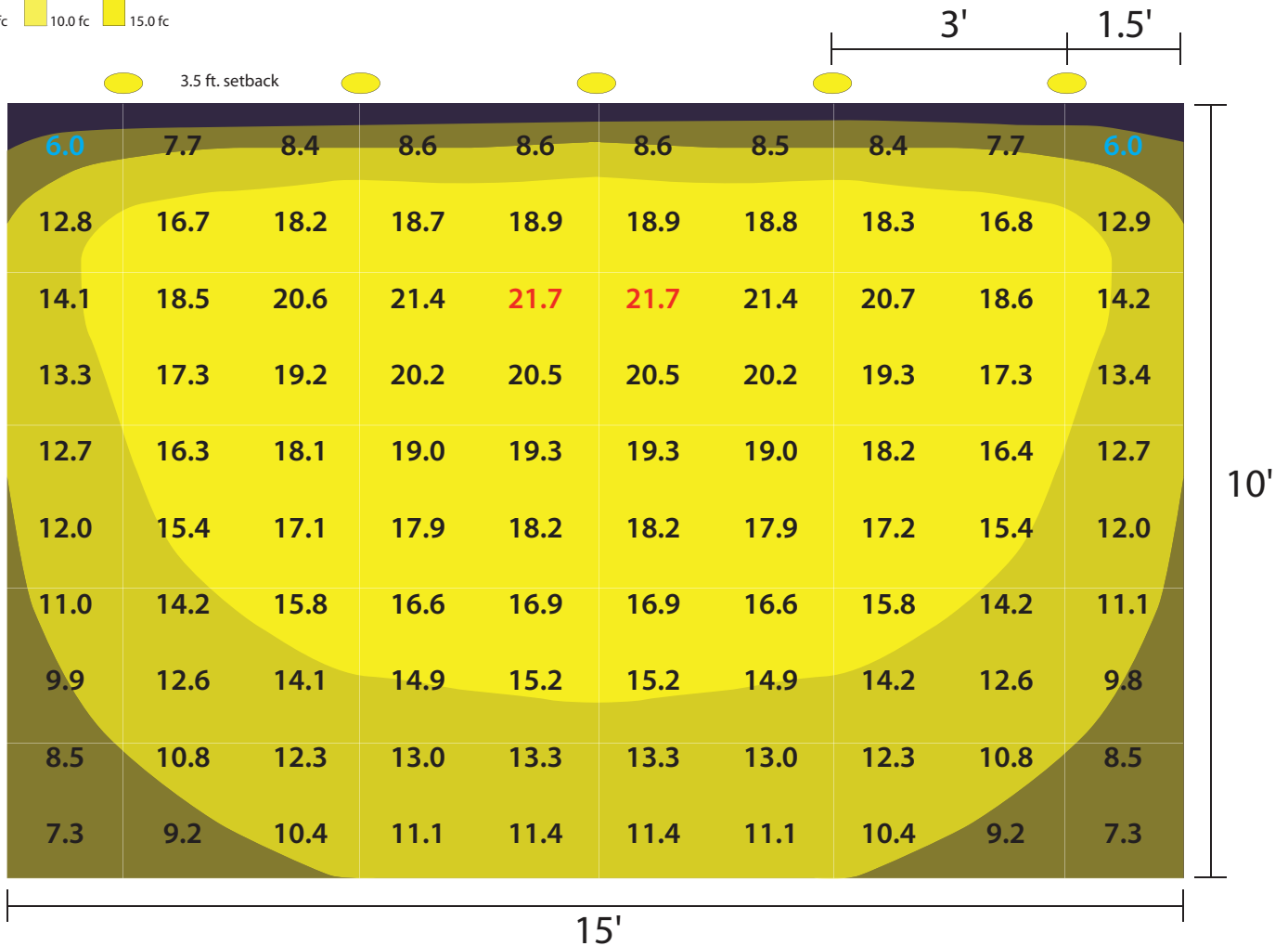
MULTIPLIERS	
LUMEN OUTPUT	
600lm (-L06) :	0.20
1000lm (-L10) :	0.33
1500lm (-L15) :	0.50
2000lm (-L20) :	0.67
2600lm (-L26) :	0.87
3000lm (-L30) :	1.00
COLOR TEMPERATURE	
2700K :	0.96
3000K :	1.00
3500K :	1.03
4000K :	1.06
CRI	
90 CRI :	1.00
97 CRI :	0.91
VANDAL	
Vandal Ring (VR) :	0.85



PERFORMANCE DATA

LUMINAIRE SPACED 3.5' FROM WALL

Footcandles On Wall



2025.04.28