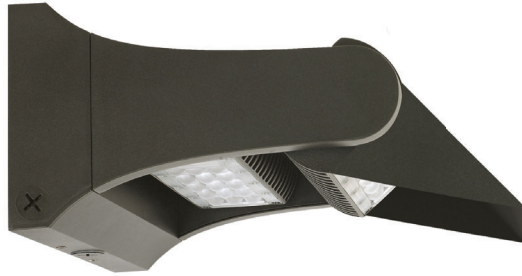
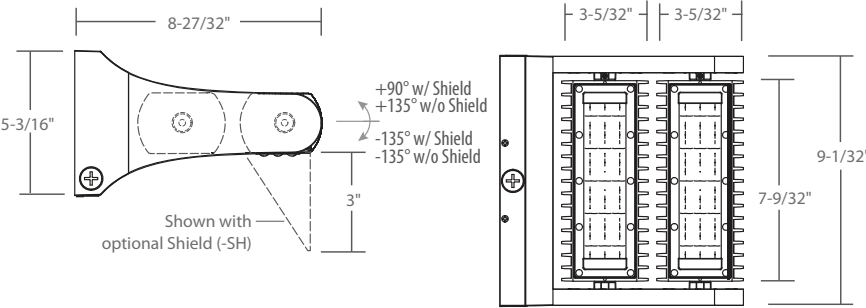


WLP32 : 9" DEXTERO ADJUSTABLE FLOOD

2 DIRECTION 4400LM - 16,000LM (40W - 120W)



- Adjustable Design
- Durable, corrosion resistant finish
- Lamp equivalent of 50W HID for 25W, 100W HID for 40W, and 150W HID for 60W package
- Emergency back up available
- 5-year limited warranty
- 120V/277V Input Standard, 347V Available
- Dark Sky Compliant Option
- Surface 2-Direction Wall Mount

ORDERING : WLP32-60WUE-D10-SH

WLP32

Fixture	Finish	Lumens	Driver	Color Temperature	Options	Shielded
Finish		Driver		Color Temperature	Options	
Bronze	Blank	Non-Dimming (120V)	Blank	4000K	Blank	None
Black	B	Non-Dimming (120V/277V)	UE	3000K	-T30	Remote Location
White	W¹	0-10V Dimming (120V/277V)	UE-D10	5000K	-T50²	Emergency Inverter
Silver	S¹	2-Wire, ELV, 0-10V Dimming (120V/277V)	UE-DUN³			Integral Daylight Sensor
Lumens		Integral Emergency Battery	UE-D10-EMA⁵			Cold Weather
4400lm (40W)	-40W	347V, 0-10V Dimming	-347-D10⁴			Shielded
6500lm (60W)	-60W					None
9200lm (80W)	-80W					Shield
13000lm (100W)	-100W					Blank
16000lm (120W)	-120W					-SH

¹ 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.

² Special Order. Minimum order quantity (MOQ), extended lead time may apply. Consult Factory.

³ (UE-DUN) not available for (-80W), (-100W), or (-120W) lumen package.

⁴ (-347-D10) not available for (-120W) lumen package.

⁵ (UE-D10-EMA) only available for (-40W) lumen package.

⁶ (-CW) not compatible with (UE-DUN) and (UE-D10-EMA).

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

This 2-direction adjustable wall luminaire can be used in both interior and exterior settings. Typical locations are in commercial and retail spaces that contain walls and/or columns that require directional lighting. Can be used as downlight for direct illumination or as uplight for indirect illumination of architecture facades.

Fixture

Constructed from high grade die-cast aluminum with high grade aluminum arms and heat sink and a powder coat finish. Includes an adjustable LED array with optics, LED driver and mounting bracket. Array rotates +90° from horizontal with shield, +135° from horizontal without shield; -135° from horizontal with and without shield. Mounting bracket is secured to housing with two (2) stainless steel set screws.

Lumen Maintenance

Minimum 50,000 hours L70 life based on ANSI TM-21 calculations from LM80 standardized test results. See ordering guide for delivered lumens.

Thermal Management

Heat dissipation facilitated by exposed integral aluminum heat sink to maximize heat rejection in an open air environment. Recommended ambient temperature is below 35°C to achieve minimum L70 life of 50,000 hours according to LM80 standard. Contact with loosefill blown and rolled insulation.

Caution

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

Finish

A 7-stage electrostatic, polymer process provides a finish that delivers outstanding durability, superior anti-aging, resistance to corrosion and UV-degradation. Finish is high-quality Bronze (Blank), Black (B), Silver (S) or White (W) powder coat.

Listing



ETL / cETL Listed to UL1598 and UL8750 standards.

Assembled in USA.

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)

Electrical

LED Driver: AC 50/60Hz Electronic Direct Current Class 2 driver integrally mounted.
 Power Factor > 0.90. See Dimming Section for voltage and wiring.

Minimum Operating Temperature:
 Standard: -10°C/14°F
 Cold Weather Option: (-CW) -30°C/-22°F

Additional Options



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

Dimming Options

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.

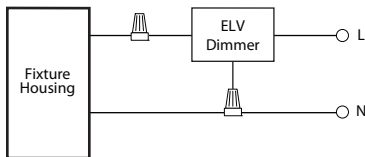
0-10V Driver 120V/277V (UE-D10):

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.

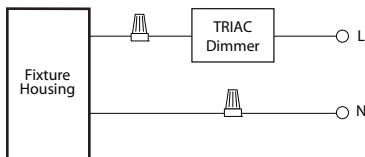
UniDim™ Driver 120V/277V (UE-DUN):

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.

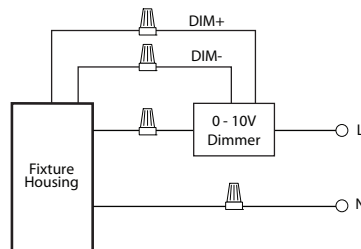
Incandescent/Phase Wiring
ELV



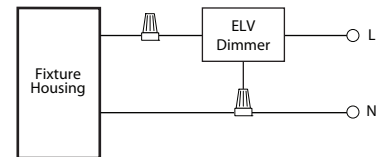
TRIAC



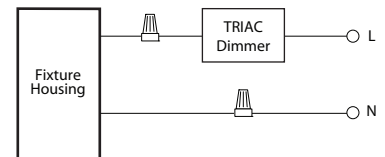
0 - 10V Wiring



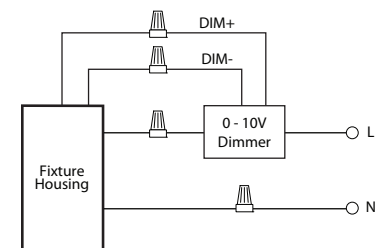
Incandescent/Phase Wiring
ELV



TRIAC



0 - 10V Wiring



SPECIFICATION (Continued)

Quick Ship Items

WLP32-40W	WLP32B-40W
WLP32-60W	WLP32B-60W
WLP32-80W	WLP32B-80W
WLP32-100W	WLP32B-100W
WLP32-120W	WLP32B-120W

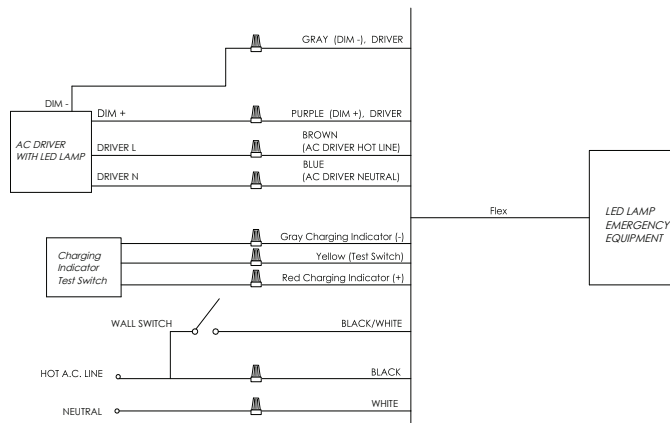
REMOTE LOCATION EMERGENCY INVERTER (-EMAC): 40W

For installation away from the surface of the building in remote hidden location.

- Hidden Emergency Equipment
- Must be installed in Dry Locations
- 170 VDC output to AC DRIVER during EM mode

Not rated for outdoor mounting. Damp location rated.

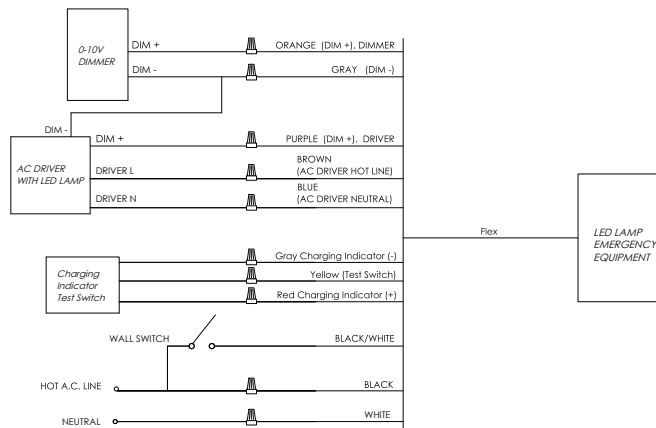
<40W LOAD



Input Voltage:	120-277VAC/60Hz
Output Voltage:	170VDC (120VAC Equivalent)
Wattage:	40W
Switching Time:	<1s
Charging Time:	24h
Operating Time:	90 minutes
Minimum Temperature:	0°C
Maximum Temperature:	50°C
Maximum Lumens:	3500lm
Self-Diagnostic:	Yes

>40W LOAD

- 0-10V dimmable driver required

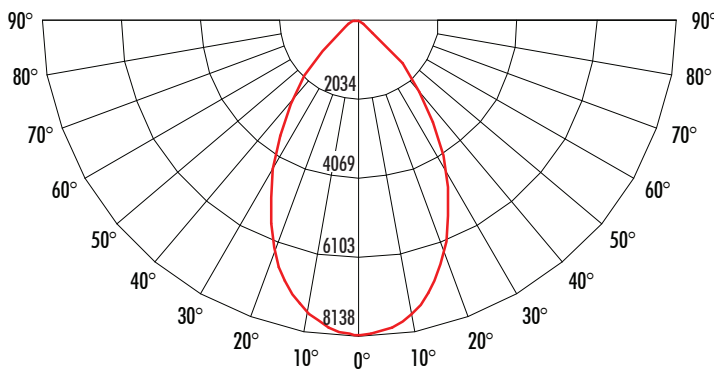


PHOTOMETRY

WLP32-80W-T30 (9200lm, 80W, 3000K)

System Power:	83.8W	LUMEN MULTIPLIERS	
Test Date:	5/2024	9200lm (80W) :	1.00
Beam Angle 50%:	64.1°	6500lm (60W) :	0.71
Field Angle 10%:	103.7°	4400lm (40W) :	0.48
Color Temp. (CCT):	3066K		
CRI :	72		
Lumens Delivered:	9268lm		
CBCP:	8137.58cd		
Power Factor:	0.99		

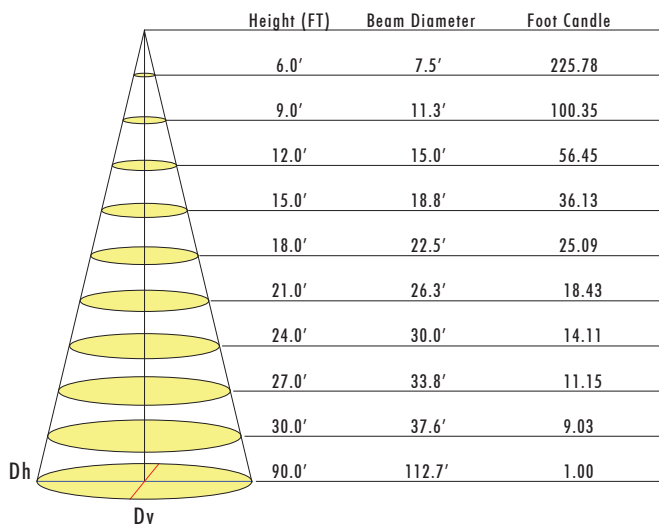
LUMINOUS INTENSITY DISTRIBUTION CURVE



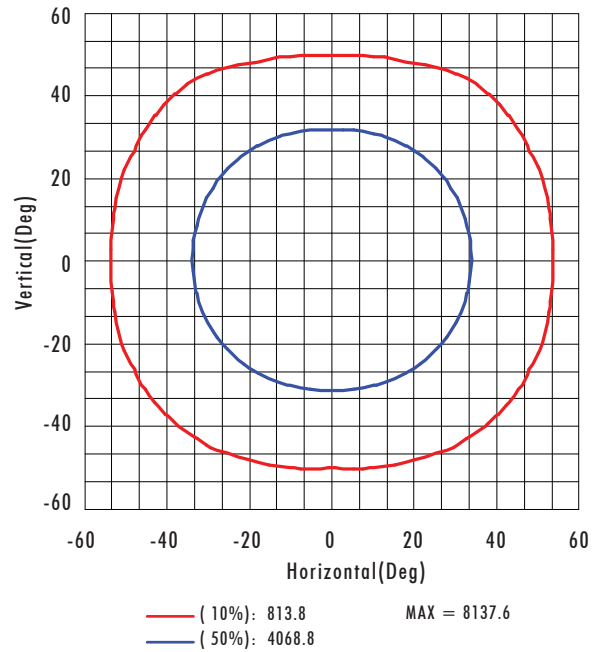
Average Beam Angle (50%): 64.1 DEG

Unit: cd

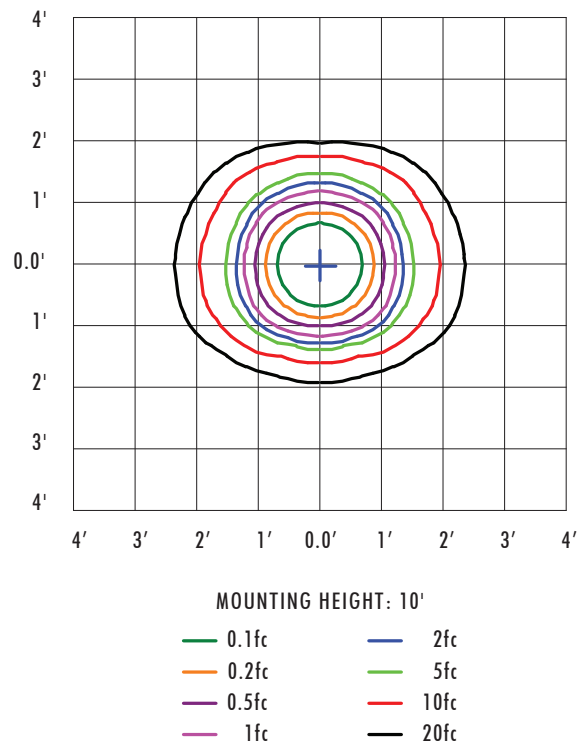
ILLUMINANCE AT A DISTANCE (BEAM ANGLE)



ISOCANDELA (RECTANGLE)



ISO FC PLOT



2024.05.24

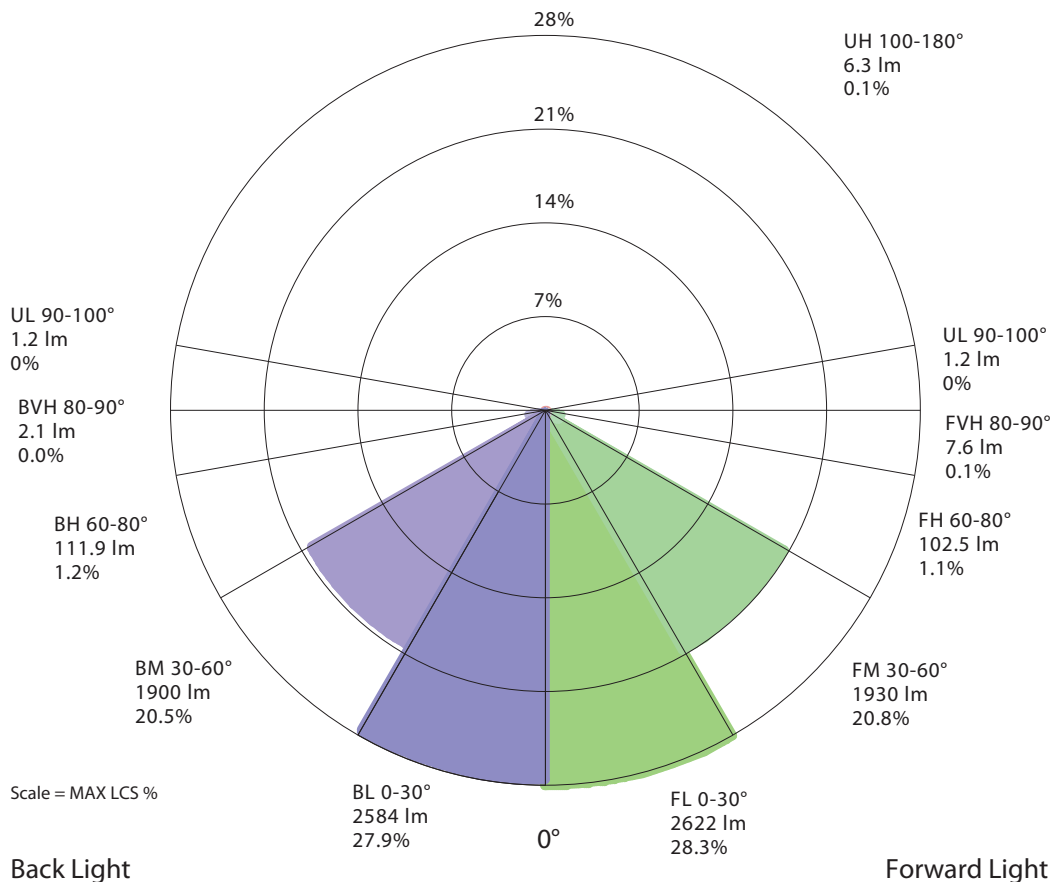
BUG REPORT

Fixture: WLP32-80W-T30

Description: WLP32 - 9" DEXTERO ADJUSTABLE WALL FLOOD (9200LM)

LCS Table		
Bug rating:	B4 - UI - G0	
Forward light	Lumens	Lumens %
Low (0-30):	2622.2	28.3%
Medium (30-60):	1930.3	20.8%
High (60-80):	102.5	1.1%
Very high (80-90):	7.6	0.1%
Back light		
Low (0-30):	2584.2	27.9%
Medium (30-60):	1900.1	20.5%
High (60-80):	111.9	1.2%
Very high (80-90):	2.1	0.0%
Trapped light		
Low (90-100):	1.2	0.0%
High (100-180):	6.3	0.1%

LCS Graph



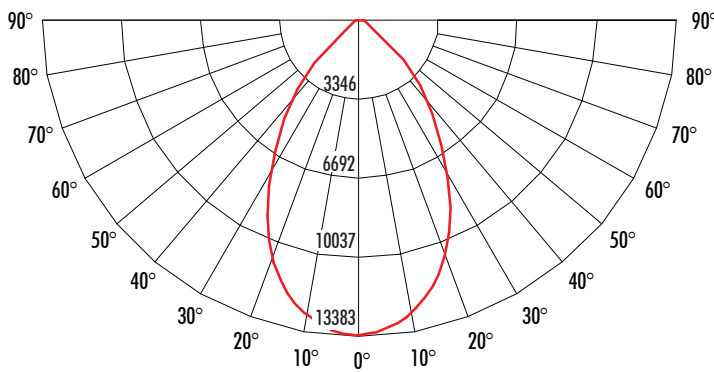
PHOTOMETRY

WLP32-120W (16000lm, 120W, 4000K)

System Power:	117.5W
Test Date:	5/2024
Beam Angle 50%:	65.1°
Field Angle 10%:	105.1°
Color Temp. (CCT):	3921K
CRI:	73
Lumens Delivered:	16194.4lm
CBCP:	13383cd
Power Factor:	0.99

LUMEN MULTIPLIERS	
16000lm (120W):	1.00
13000lm (100W):	0.81

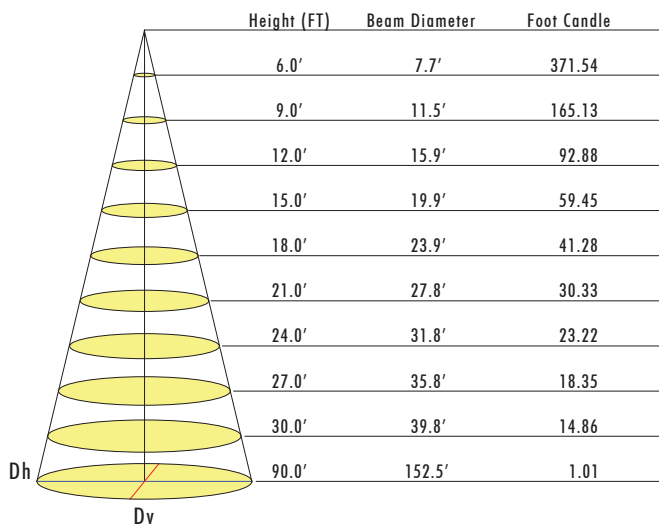
LUMINOUS INTENSITY DISTRIBUTION CURVE



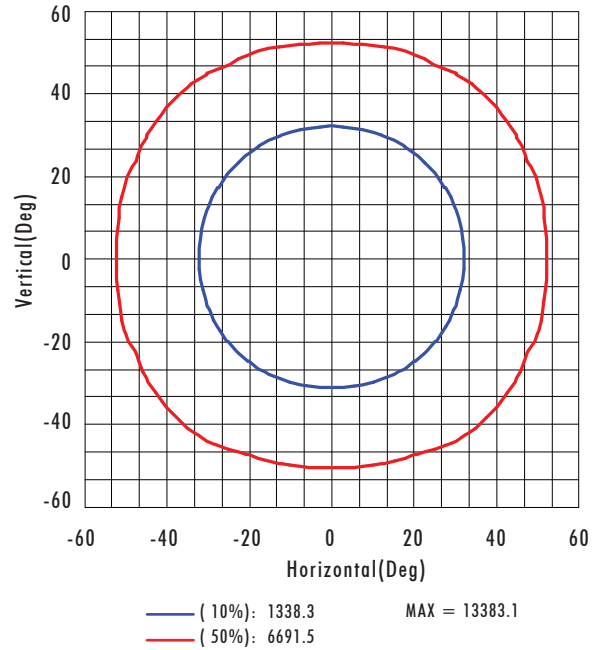
Average Beam Angle (50%): 65.1 DEG

Unit: cd

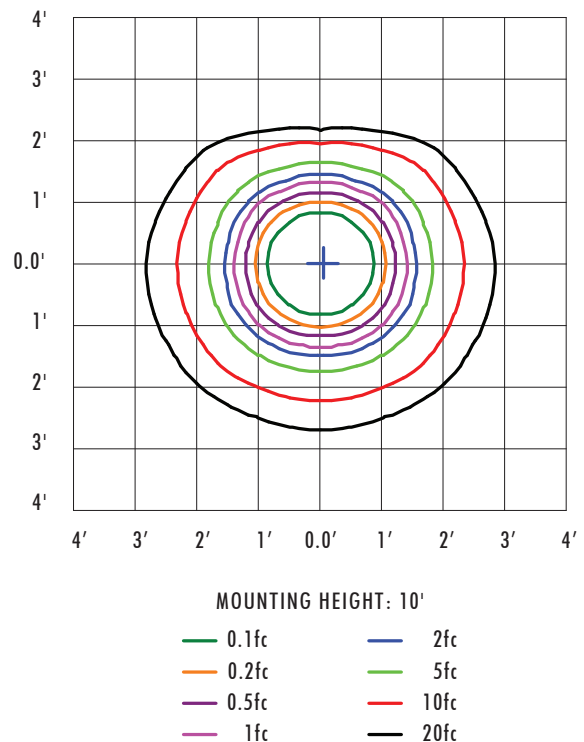
ILLUMINANCE AT A DISTANCE (BEAM ANGLE)



ISOCANDELA (RECTANGLE)



ISO FC PLOT



2024.05.24

BUG REPORT

Fixture: WLP32-120W

Description: WLP32 - 9" DEXTERO ADJUSTABLE WALL FLOOD (16000LM)

LCS Table		
Bug rating:	B4 - U3 - G1	
Forward light	Lumens	Lumens %
Low (0-30):	4376.3	27.0%
Medium (30-60):	3495.5	21.6%
High (60-80):	258.1	1.6%
Very high (80-90):	32.2	0.2%
Back light		
Low (0-30):	4340.6	36.8%
Medium (30-60):	3308.8	20.4%
High (60-80):	198.8	1.2%
Very high (80-90):	19.4	0.1%
Trapped light		
Low (90-100):	28.3	0.2%
High (100-180):	136.5	0.8%

LCS Graph

