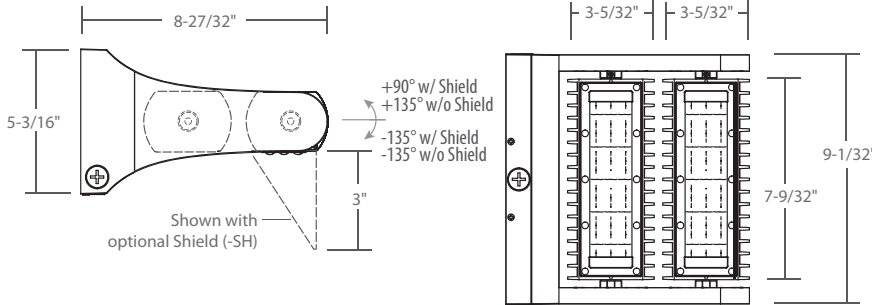


WLP32 - 9" DEXTERO ADJUSTABLE FLOOD

7800LM (60W)/10,500LM (80W)/15,600LM (120W)

- Surface 2-Direction Wall Mount
- Adjustable Design
- Durable, corrosion resistant finish
- Lamp equivalent of 150W HID for 60W, 250W HID for 80W, and 400W HID for 120W package
- 5 year limited warranty
- 120V/277V
- Dark Sky Compliant Option



ORDERING – Example: WLP32-60WUE-D10-EM-SH

WLP32

Fixture Finish Lumens Driver Color Temperature Options Shielded

120W

Finish	Driver	Color Temperature	Options
Bronze	Non-Dimming (120V)	4000K	None
Blank	Non-Dimming (120V/277V)	Blank	Blank
Lumens	0-10V Dimming (120V/277V)	3000K	Integral Daylight Sensor
7800lm (60W)	2-Wire, ELV, 0-10V Dimming (120V/277V)	-T30	Dual Switching
-60W			
10500lm (80W)			
-80W			
15600lm (120W)			
-120W			
			Shielded
			None
			Blank
			Shield
			-SH

OPTIONAL MOUNTING ACCESSORIES FOR WLP32

WLP-PLER

Dextero Pole Mount Round



WLP-PLE

Dextero Pole Mount Square



WLP-SLP

Dextero Pole Tenon Slip Fitter



WLP-BL

Dextero Standoff



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 two adjustable LED arrays 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.

Mounting

Fixture includes a mounting bracket that installs onto a 3-1/2" or 4" octagonal junction box or directly onto a wall over a 3-1/2" or 4" octagonal junction box. Fixture can also be mounted (with mounting bracket) onto a wall for surface conduit entry using three (3) threaded 1/2 NPT trade conduit openings, one (1) on each side and one (1) on the bottom (or top if LED arrays are pointing up).

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.

Dimming

(**UE-DUN**) option is a universal dimming system that works with most 3-Wire ELV, 2-Wire Incandescent and 5-Wire 0-10V fluorescent dimmers.

Electrical

AC 50/60Hz Electronic Direct Current Class 2 driver integrally mounted. Power Factor > 0.90. For cold weather applications (-22°C and above) use -DUN driver option.

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**) powder coat.

Listings

UL Listed. Suitable for wet location. Assembled in USA. (IP65). DLC approval.

Dark Sky Compliance

Fixture is Dark Sky compliant with optional 3000K (-T30) and Shield (-SH) when fixture is pointing downward.

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.

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.

OPTIONAL MOUNTING ACCESSORIES

WLP-BL - Dextero Standoff. Refer to WLP31/WLP-BL, WLP32/WLP-BL spec sheet for more information.

WLP-PLE - Dextero Pole Mount Square. Refer to WLP31/WLP-PLE, WLP32/WLP-PLE spec sheet for more information.

WLP-PLER - Dextero Pole Mount Round. Refer to WLP31/WLP-PLER, WLP32/WLP-PLER spec sheet for more information.

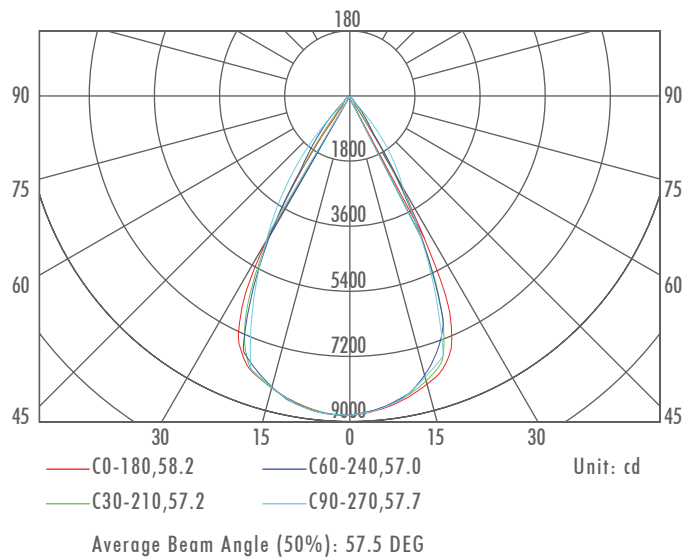
WLP-SLP - Dextero Pole Tenon Slip Fitter. Refer to WLP31/WLP-SLP, WLP32/WLP-SLP spec sheet for more information.

PHOTOMETRY

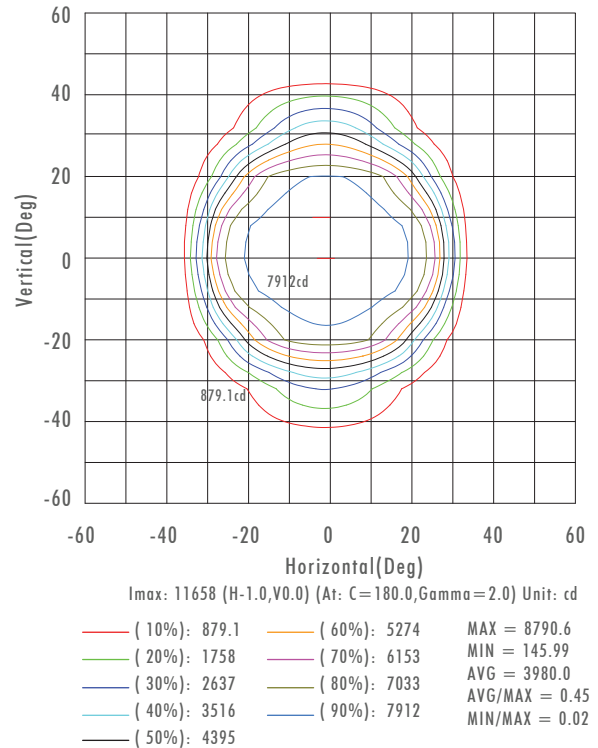
WLP32-60W-T40 (60W/7900lm, 4000K)

System Power:	60.0W	LUMEN MULTIPLIERS
Test Date:	9/5/2016	15600lm (-120W) : 1.78
Beam Angle 50%:	58.2°	10500lm (-80W) : 1.34
Field Angle 0%:	69.3°	7900lm (-60W) : 1.00
Color Temp. (CCT):	4000K	
CRI :	80	
Lumens Delivered:	7502lm	
CBCP:	8790.64cd	
Power Factor:	0.99	

LUMINOUS INTENSITY DISTRIBUTION CURVE



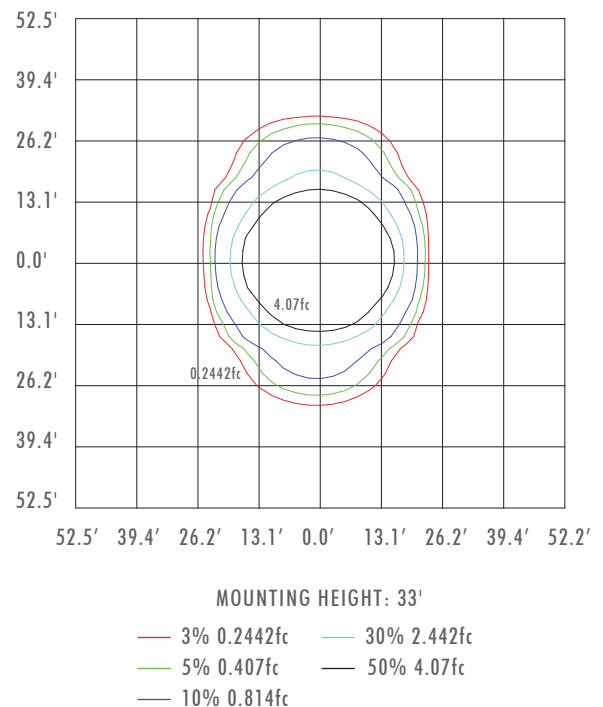
ISOCANDELA (RECTANGLE)



ILLUMINANCE AT A DISTANCE (BEAM ANGLE)

Height (FT)	Beam Diameter	Foot Candle
3.0'	3.3'	976.73
6.0'	6.5'	244.18
9.0'	9.8'	108.5
12.0'	13.1'	61.0
15.0'	16.4'	39.1
18.0'	19.6'	27.1
21.0'	22.9'	19.9
24.0'	26.2'	15.3
27.0'	29.4'	12.1
30.0'	32.7'	9.8

ISO FC PLOT



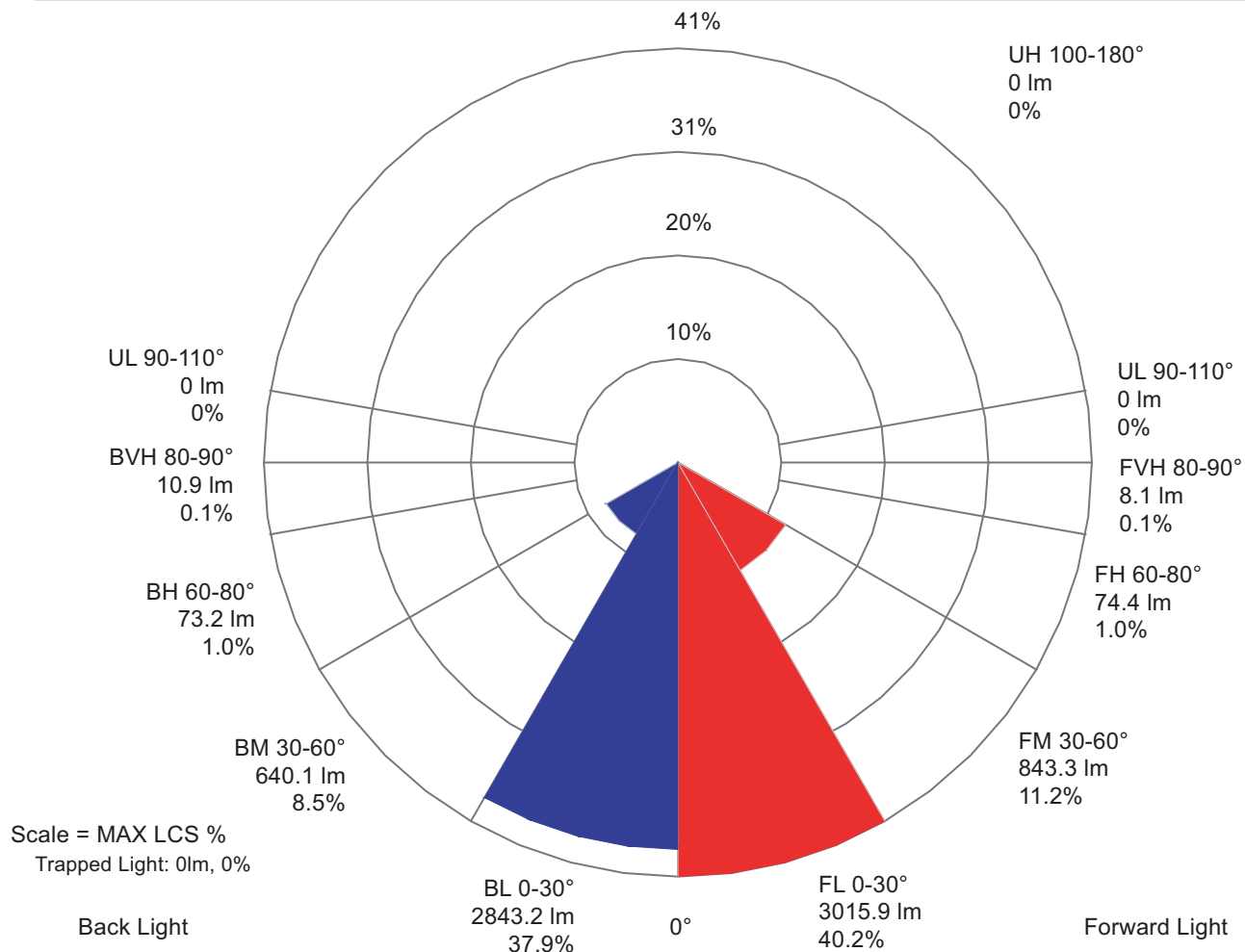
BUG REPORT

Fixture: WLP32-60W

Description: WLP32 - 9" DEXTERO ADJUSTABLE WALL FLOOD (7900LM)

LCS table		
BUG rating:	B4 - UX - G1	
Forward light	Lumens	Lumens %
Low (0-30):	3015.9	40.20%
Medium (30-60):	843.3	11.20%
High (60-80):	74.4	1.00%
Very high (80-90):	8.1	0.10%
Back light	Lumens	Lumens %
Low (0-30):	2843.2	37.90%
Medium (30-60):	640.1	8.50%
High (60-80):	73.2	1.00%
Very high (80-90):	10.9	0.10%
Trapped light	0	0.00%

LCS graph



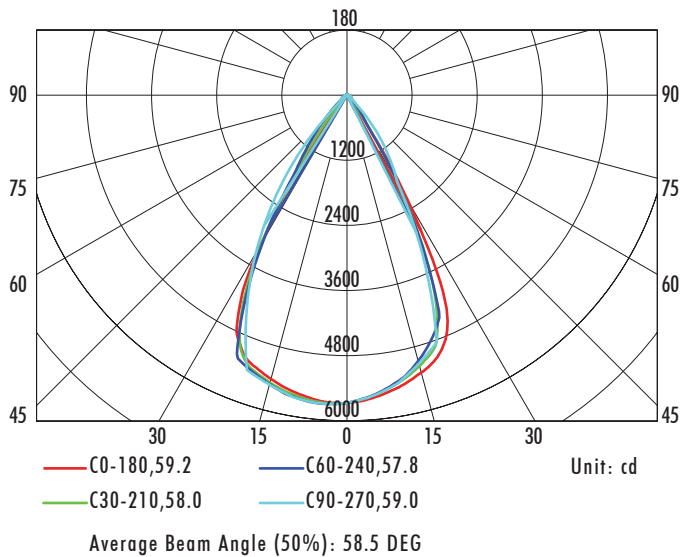
PHOTOMETRY

WLP32-80W-T40 (80W/10500lm, 4000K)

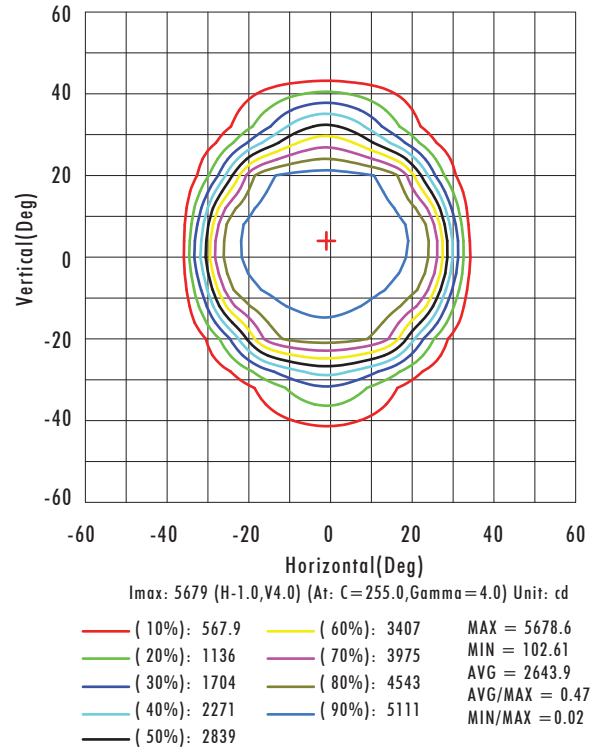
System Power:	79.8W
Test Date:	9/5/2016
Beam Angle 50%:	58.7°
Field Angle 0%:	69.9°
Color Temp. (CCT):	4000K
CRI :	80
Lumens Delivered:	10059lm
CBCP:	11658.38cd
Power Factor:	0.99

LUMEN MULTIPLIERS	
15600lm (-120W) :	1.33
10500lm (-80W) :	1.00
7900lm (-60W) :	0.75

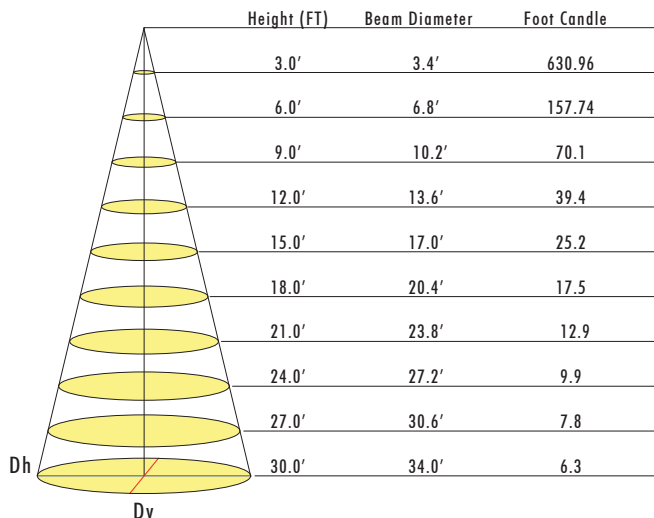
LUMINOUS INTENSITY DISTRIBUTION CURVE



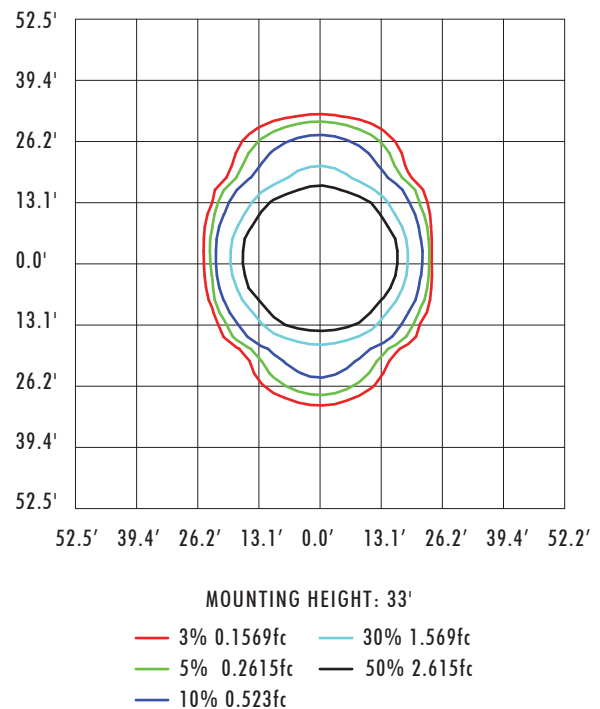
ISOCANDELA (RECTANGLE)



ILLUMINANCE AT A DISTANCE (BEAM ANGLE)



ISO FC PLOT



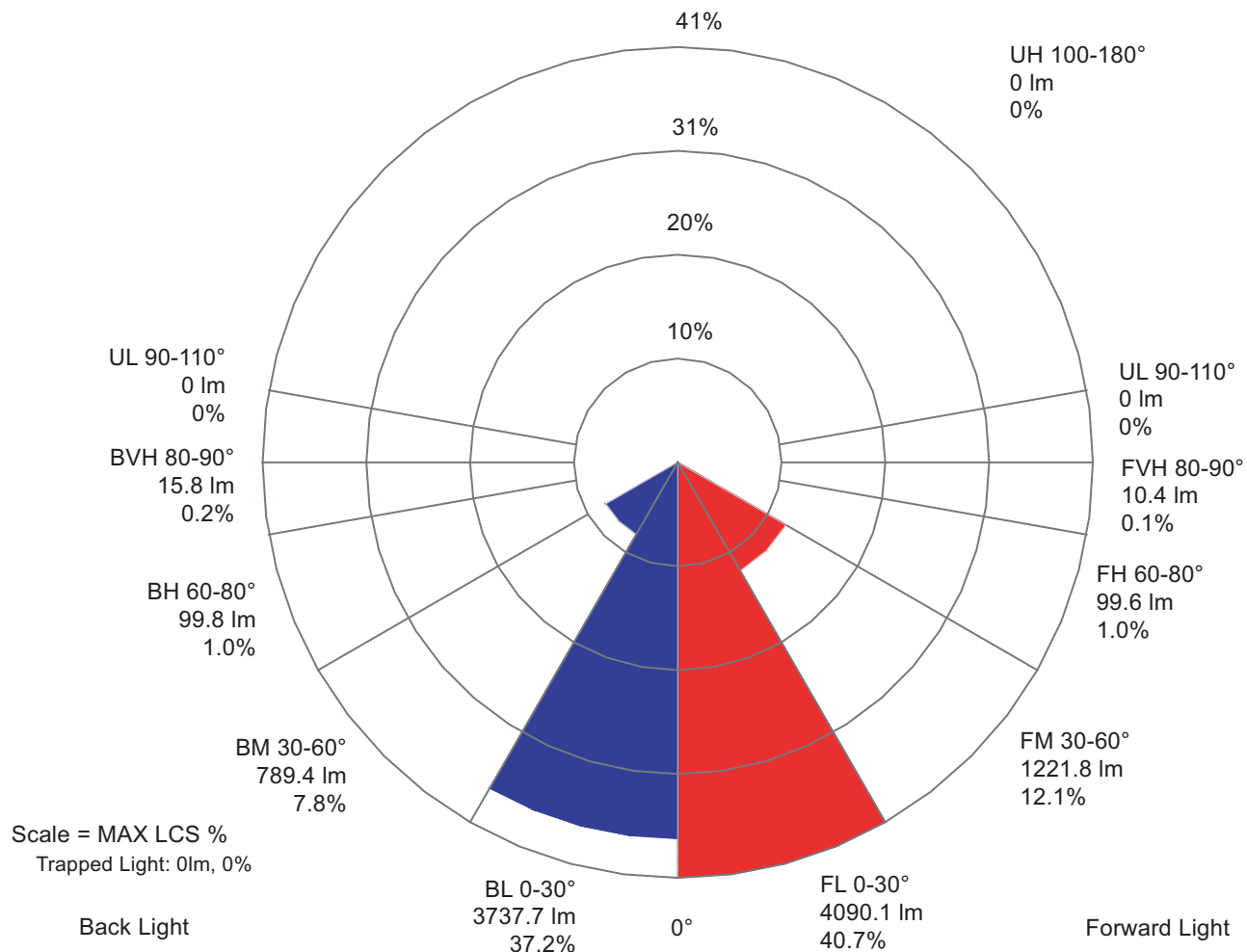
BUG REPORT

Fixture: WLP32-80W

Description: WLP32 - 9" DEXTERO ADJUSTABLE WALL FLOOD (10500LM)

LCS table		
BUG rating:	B4 - UX - G1	
Forward light	Lumens	Lumens %
Low (0-30):	4090.1	40.70%
Medium (30-60):	1221.8	12.10%
High (60-80):	99.6	1.00%
Very high (80-90):	10.4	0.10%
Back light	Lumens	Lumens %
Low (0-30):	3737.7	37.20%
Medium (30-60):	789.4	7.80%
High (60-80):	99.8	1.00%
Very high (80-90):	15.8	0.20%
Trapped light	0	0.00%

LCS graph



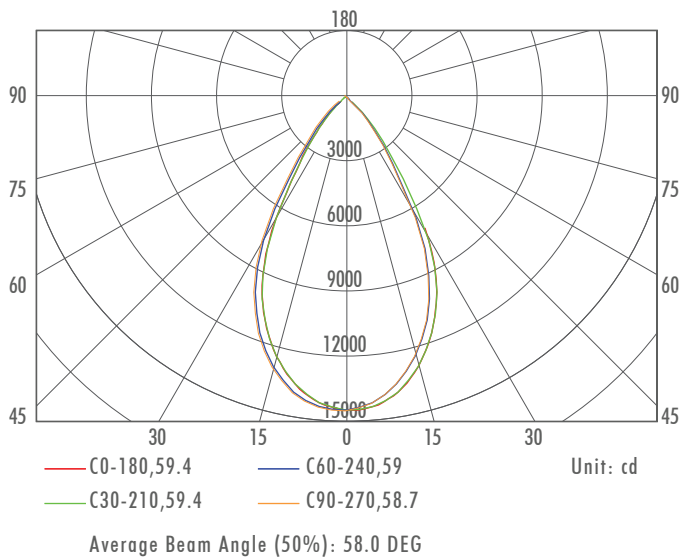
PHOTOMETRY

WLP32-120W-T40 120W/15600lm, 4000K

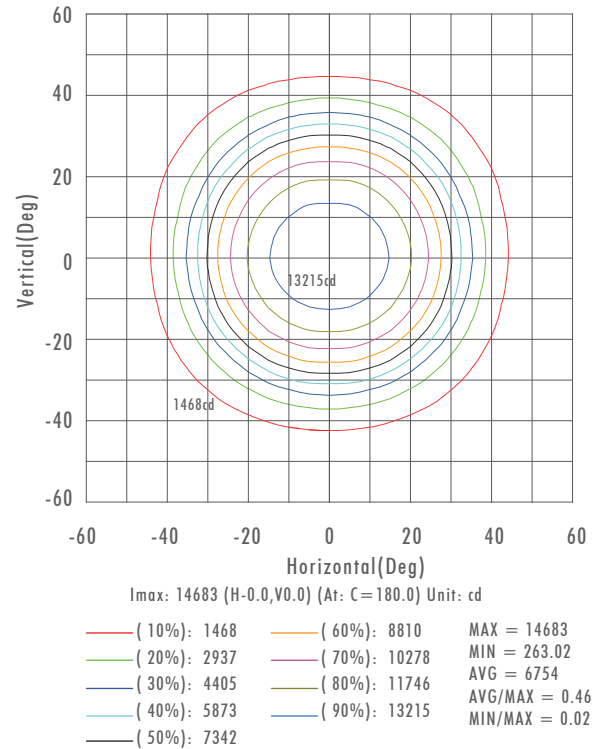
System Power:	112.8W
Test Date:	5/12/2017
Beam Angle 50%:	59.4°
Field Angle 0%:	87.7°
Color Temp. (CCT):	4000K
CRI :	80
Lumens Delivered:	13386.56lm
CBCP:	14683cd
Power Factor:	0.99

LUMEN MULTIPLIERS	
15600lm (-120W) :	1.00
10500lm (-80W) :	0.75
7900lm (-60W) :	0.56

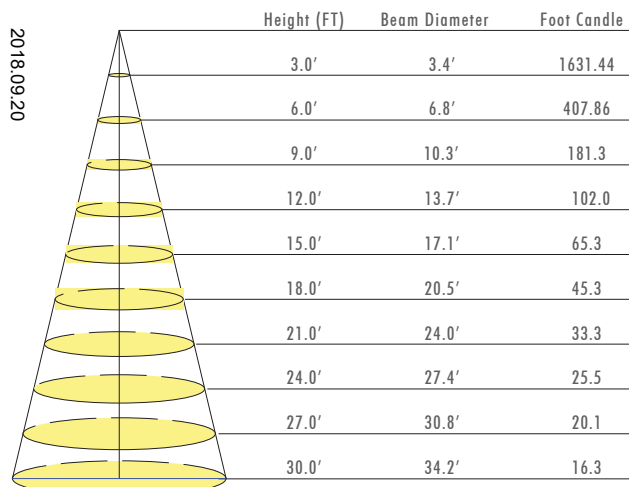
LUMINOUS INTENSITY DISTRIBUTION CURVE



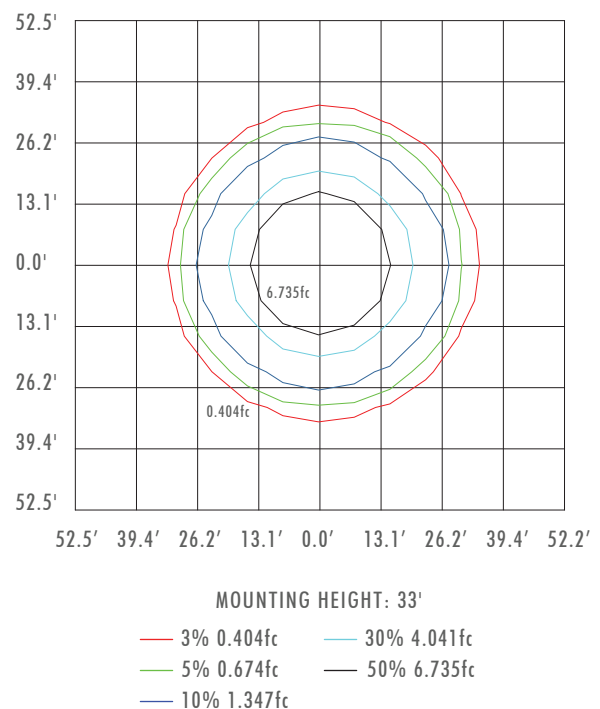
ISOCANDELA (RECTANGLE)



ILLUMINANCE AT A DISTANCE (BEAM ANGLE)



ISO FC PLOT



BUG REPORT

Fixture: WLP32-120W

Description: WLP32 - 9" DEXTERO ADJUSTABLE WALL FLOOD (15600LM)

LCS table		
BUG rating: B4 - U2 - G0		
Forward light	Lumens	Lumens %
Low (0-30):	4717.5	35.30%
Medium (30-60):	2089.3	15.60%
High (60-80):	110.1	0.80%
Very high (80-90):	3.2	0.00%
Back light		
Low (0-30):	4575.5	34.30%
Medium (30-60):	1767.5	13.20%
High (60-80):	67.9	0.50%
Very high (80-90):	0.6	0.00%
Uplight		
Low (90-100):	1.1	0.00%

LCS graph

