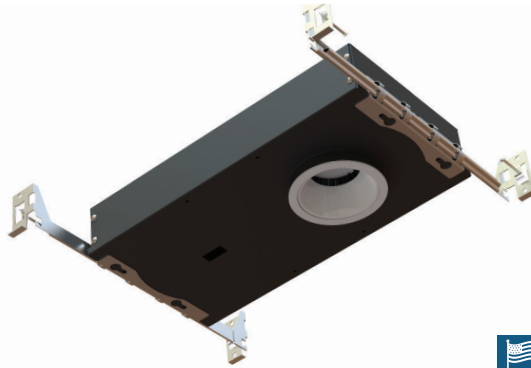
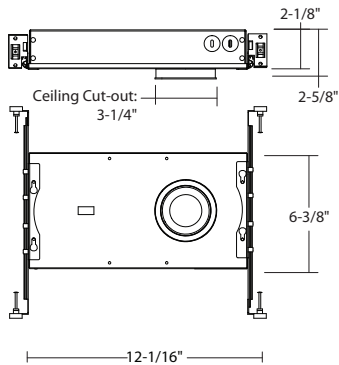


LSHLD2 : 2.5" SUPER-SHALLOW FRAME NEW CONSTRUCTION (ROUND) 1000LM-2600LM (10W - 30W)

- For Super-Shallow 2-1/8" ceilings
- Small 2.5" aperture
- Fits Round Trims



ORDERING – Example: LSHLD215C35-B60UE-DUN-T30-C90/LR2521WW

Frame	Lumen	Beam Spread	Driver	Color Temperature	Reflector	Reflector Finish	Ring Finish	Rating	Accessories
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Frame	Beam Spread	Driver	Color Temperature
2.5" Super-Shallow LSHLD2	25° Narrow Flood -B25	Non-Dimming Blank	2700K (90 CRI) -T27
Lumen (Nominal Delivered)	40° Flood -B40	5%, 120V/277V, 0-10V, ELV, Triac Dimming UE-DUN	2700K (97 CRI) -T27-C97
1000lm (10W) 10C25	60° Wide Flood -B60		3000K (90 CRI) -T30
1000lm (10W) IC Rated 10C25-IC	90° Very Wide Flood -B90		3000K (97 CRI) -T30-C97
1300lm (15W) 15C35			3500K (90 CRI) -T35
1300lm (15W) IC Rated 15C35-IC			4000K (90 CRI) -T40
2000lm (20W) 20C50			
2600lm (30W) 30C70			

TRIM OPTIONS

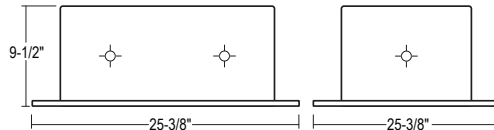


Reflector	Reflector Finish	Ring Finish	Rating	Accessories ³
Flanged Downlight LR2521²	Matte White W¹	White W	None Blank	Diffuse Lens -FR
Flanged Wall Wash LR2573^{1,3}	Specular Black B¹	Black B	Airtight Lensed (Wet Location) -WL²	
Flangeless Downlight LRX2521	Specular Clear C			
Trimless Wall Wash LRX2573^{1,3}	Specular Graphite RP			
	Satin Haze S¹			
	Matte Gold MG			

OPTIONAL ACCESSORY

LFB2012

Fire Barrier



¹ LR2573 and LRX2573 Reflector is only available in Matte White (W), Specular Black (B), and Satin Haze (S) finish.

² Airtight lensed (-WL) rating only available with LR2521.

³ Diffuse Lens -FR not available for LR2573 and LRX2573.

SPECIFICATION

Applications

Perfect for ambient and task downlighting in low to medium height ceilings and high-end residential and commercial applications with shallow plenums.

Housing

.05" aluminum housing with baked enamel finish, suitable for new construction installations. Designed to secure to existing sheet rock or panel ceilings up to 3/4" thick.

Mounting

Housing suitable for new construction, supplied with (2) 24" adjustable hanger bars. Hanger bars equipped with nail-less install 3/4" serrated barbed studs and with captive nails, for faster and easier secure mounting in wood joists. Set-screws lock into position and prevent shifting after installation. Earthquake structural cable compatible for drop panel ceiling or any other mounting that requires direct support from structural ceiling.

Lens

Airtight lens available for wet locations. Specify "WL" when ordering.

Trim Ring

Friction clips hold Round trim secure to Housing Frame.

Thermal Management

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

Electrical Components

Specify UE-DUN option for 120V/277V 0-10V, ELV Triac Dimming.

Certifications and Listings

ETL/cETL listed to UL1598 and UL8750. Suitable for dry and damp locations. NYC approved: Calendar #41937.

Caution

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. Installations exceeding this temperature will result in reduced LED lamp life and a voided warranty.

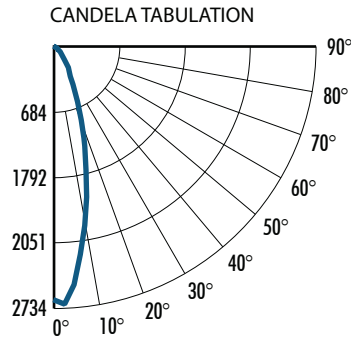
Optional Accessory

LFB2012 - Fire Barrier. This galvanized welded steel enclosure is rated for one-hour resistance to active fire. LFB2012 enclosure is designed for use with both existing and new installation of Recessed Luminaires. Fulfills the required 1-hour-fire-resistance-rating, to operate as an active fire wall, with less effort.

PHOTOMETRY

LSHLD215C35-B25UE-DUN-T40/LR2521WW, (1300lm, 25° Narrow Flood, 4000K)

System Power:	14.4W	MULTIPLIERS
Test Date:	2/13/2019	Lumens
Beam Angle 50%:	28.6°	1300lm (15W): 1.00
Field Angle 10%:	67.9°	1000lm (10W): 0.74
Color Temperature:	4000K	CRI
CRI :	90	90CRI (-C90): 1.00
Lumens Delivered:	1253.11	97CRI (-C97): 0.90
CBCP:	2686	CCT
Power Factor:	>0.90	4000K : 1.00
		3500K : 0.99
		3000K : 0.98
		2700K : 0.94

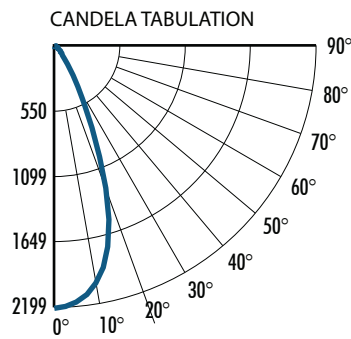


FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	4.1'	42.0
12.0'	6.1'	18.7
16.0'	8.2'	10.5
20.0'	10.2'	6.7
24.0'	12.2'	4.7

LSHLD215C35-B40UE-DUN-T40/LR2521WW, (1300lm, 40° Flood, 4000K)

System Power:	14.4W	MULTIPLIERS
Test Date:	2/13/2019	Lumens
Beam Angle 50%:	44.0°	1300lm (15W): 1.00
Field Angle 10%:	71.1°	1000lm (10W): 0.74
Color Temperature:	4000K	CRI
CRI :	90	90CRI (-C90): 1.00
Lumens Delivered:	1365.01	97CRI (-C97): 0.90
CBCP:	2199.00	CCT
Power Factor:	>0.90	4000K : 1.00
		3500K : 0.99
		3000K : 0.98
		2700K : 0.94

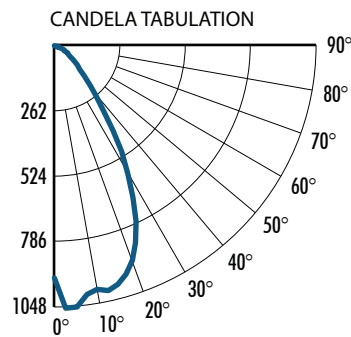


FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	6.5'	34.4
12.0'	9.7'	15.3
16.0'	12.9'	8.6
20.0'	16.2'	5.5
24.0'	19.4'	3.8

LSHLD215C35-B60UE-DUN-T40/LR2521WW, (1300lm, 60° Wide Flood, 4000K)

System Power:	14.4W	MULTIPLIERS
Test Date:	2/13/2019	Lumens
Beam Angle 50%:	63.0°	1300lm (15W): 1.00
Field Angle 10%:	106.1°	1000lm (10W): 0.74
Color Temperature:	4000K	CRI
CRI :	90	90CRI (-C90): 1.00
Lumens Delivered:	1262	97CRI (-C97): 0.90
CBCP:	1048	CCT
Power Factor:	>0.90	4000K : 1.00
		3500K : 0.99
		3000K : 0.98
		2700K : 0.94

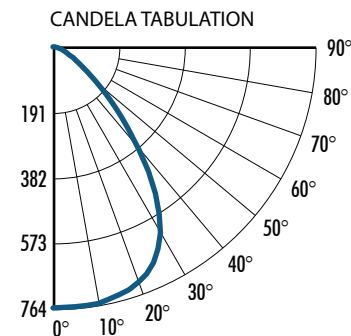


FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
6.0'	7.4'	29.1
8.0'	9.8'	16.4
12.0'	14.7'	7.3
16.0'	19.6'	4.1
20.0'	24.5'	2.6

LSHLD215C35-B90UE-DUN-T40/LR2521WW, (1300lm, 90° Very Wide Flood, 4000K)

System Power:	14.4W	MULTIPLIERS
Test Date:	2/13/2019	Lumens
Beam Angle 50%:	81.3°	1300lm (15W): 1.00
Field Angle 10%:	123.3°	1000lm (10W): 0.74
Color Temperature:	4000K	CRI
CRI :	90	90CRI (-C90): 1.00
Lumens Delivered:	1343.5	97CRI (-C97): 0.90
CBCP:	764	CCT
Power Factor:	>0.90	4000K : 1.00
		3500K : 0.99
		3000K : 0.98
		2700K : 0.94



FOOTCANDLE DISTRIBUTION

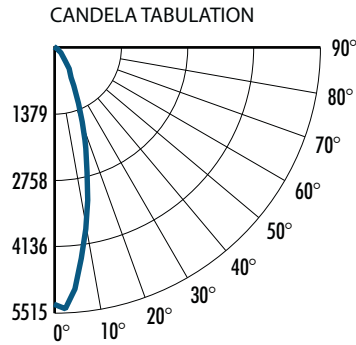
Height	Beam Diameter	FC
8.0'	13.7'	11.9
10.0'	17.2'	7.6
12.0'	20.6'	5.3
14.0'	24.0'	3.9
16.0'	27.5'	3.0

PHOTOMETRY

LSHLD230C70-B25UE-DUN-T40/LR2521WW, (2600lm, 25° Narrow Flood, 4000K)

System Power: 29.2W
Test Date: 2/13/2019
Beam Angle 50%: 28.6°
Field Angle 10%: 67.9°
Color Temperature: 4000K
CRI : 90
Lumens Delivered: 2527.6
CBCP: 5418
Power Factor: >0.90

MULTIPLIERS	
Lumens	
2600lm (30W):	1.00
2000lm (20W):	0.74
CRI	
90CRI (-C90):	1.00
97CRI (-C97):	0.89
CCT	
4000K :	1.00
3500K :	0.99
3000K :	0.98
2700K :	0.94



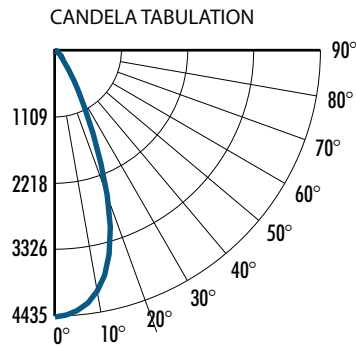
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
10.0'	5.1'	54.2
20.0'	10.2'	13.5
25.0'	12.7'	8.7
30.0'	15.3'	6.0
35.0'	17.8'	4.4

LSHLD230C70-B40UE-DUN-T40/LR2521WW, (2600lm, 40° Flood, 4000K)

System Power: 29.2W
Test Date: 2/13/2019
Beam Angle 50%: 44.0°
Field Angle 10%: 71.1°
Color Temperature: 4000K
CRI : 90
Lumens Delivered: 2753.4
CBCP: 4435
Power Factor: >0.90

MULTIPLIERS	
Lumens	
2600lm (30W):	1.00
2000lm (20W):	0.74
CRI	
90CRI (-C90):	1.00
97CRI (-C97):	0.89
CCT	
4000K :	1.00
3500K :	0.99
3000K :	0.98
2700K :	0.94



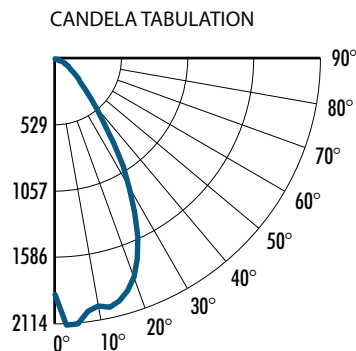
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
10.0'	8.1'	44.4
20.0'	16.2'	11.1
25.0'	20.2'	7.1
30.0'	24.2'	4.9
35.0'	28.3'	3.6

LSHLD230C70-B60UE-DUN-T40/LR2521WW, (2600lm, 60° Wide Flood, 4000K)

System Power: 29.2W
Test Date: 2/13/2019
Beam Angle 50%: 63.0°
Field Angle 10%: 106.1°
Color Temperature: 4000K
CRI : 90
Lumens Delivered: 2545.7
CBCP: 2114
Power Factor: >0.90

MULTIPLIERS	
Lumens	
2600lm (30W):	1.00
2000lm (20W):	0.74
CRI	
90CRI (-C90):	1.00
97CRI (-C97):	0.89
CCT	
4000K :	1.00
3500K :	0.99
3000K :	0.98
2700K :	0.94



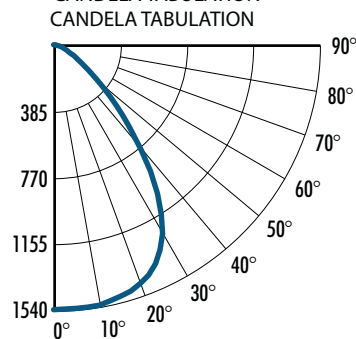
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	9.8'	33.0
15.0'	18.4'	9.4
20.0'	24.5'	5.5
25.0'	30.6'	3.4
30.0'	36.8'	2.3

LSHLD230C70-B90UE-DUN-T40/LR2521WW, (2600lm, 90° Very Wide Flood, 4000K)

System Power: 29.2W
Test Date: 2/13/2019
Beam Angle 50%: 81.3°
Field Angle 10%: 123.3°
Color Temperature: 4000K
CRI : 90
Lumens Delivered: 2710
CBCP: 1540
Power Factor: >0.90

MULTIPLIERS	
Lumens	
2600lm (30W):	1.00
2000lm (20W):	0.74
CRI	
90CRI (-C90):	1.00
97CRI (-C97):	0.89
CCT	
4000K :	1.00
3500K :	0.99
3000K :	0.98
2700K :	0.94



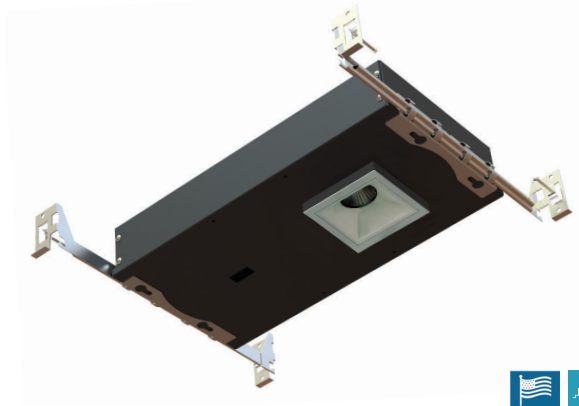
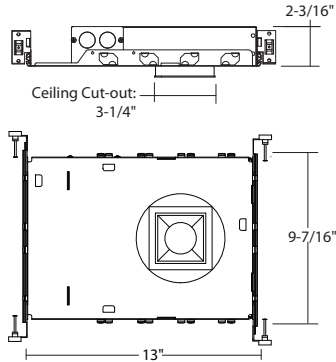
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	13.7'	24.1
15.0'	25.8'	6.8
20.0'	34.3'	3.9
25.0'	42.9'	2.5
30.0'	51.5'	1.7

LSHQLD2: 2.5" SUPER-SHALLOW FRAME

NEW CONSTRUCTION (SQUARE) 1000LM-2600LM (10W - 30W)

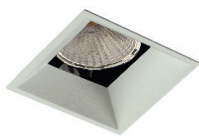
- For Super-Shallow 2-1/8" ceilings
- Small 2.5" aperture
- Fits Square Trims



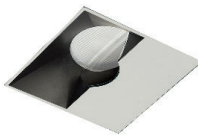
ORDERING : LSHQLD215C35-B60UE-DUN-T30-C90/LRQ2521 WW

Frame	Lumen	Beam Spread ¹	Driver	Color Temperature	Options	Reflector	Reflector Finish	Ring Finish	Rating	Accessories
Frame			Beam Spread			Driver			Color Temperature	
2.5" Super-Shallow	LSHQLD2	25° Narrow Flood	-B25			Non-Dimming	Blank		2700K (90CRI)	-T27
		40° Flood	-B40			5%, 120V/277V, 0-10V, ELV, Triac Dimming	UE-DUN		2700K (97CRI)	-T27-C97
Lumen (Nominal Delivered)		60° Wide Flood	-B60						3000K (90CRI)	-T30
1000lm (10W)	10C25	90° Very Wide Flood	-B90						3000K (97CRI)	-T30-C97
1000lm (10W) IC Rated	10C25-IC	Options							3500K (90CRI)	-T35
1300lm (15W)	15C35	Trimless Wood	-WD						4000K (90CRI)	-T40
1300lm (15W) IC Rated	15C35-IC									
2000lm (20W)	20C50									
2600lm (30W)	30C70									

TRIM OPTIONS



LRXQ2521
Flangeless
Downlight



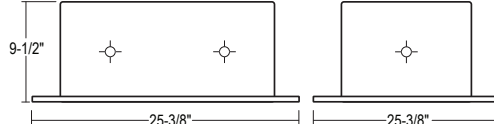
LRXQ2573
Flangeless
Wall Wash

Reflector	Reflector Finish	Ring Finish	Rating	Accessories ³
Flangeless Downlight	Matte White	White	None	Blank
Flangeless Wall Wash	Specular Black	Black		Diffuse Lens
	Specular Clear			-FR
	Specular Graphite			
	Satin Haze			
	Matte Gold			

OPTIONAL ACCESSORY

LFB2012

Fire Barrier



¹ LRXQ2573 Reflector is only available in Matte White (W), Specular Black (B), and Satin Haze (S) finish.

³ Diffuse Lens -FR not available for LRXQ2573.

SPECIFICATION

Applications

Perfect for ambient and task downlighting in low to medium height ceilings and high-end residential and commercial applications with shallow plenums.

Housing

.05" aluminum housing with baked enamel finish, suitable for new construction installations. Designed to secure to existing sheet rock or panel ceilings up to 3/4" thick.

Mounting

Housing suitable for new construction installations, supplied with (2) 24" adjustable hanger bars. Hanger bars equipped with nail-less install 3/4" serrated barbed studs and with captive nails, for faster and easier secure mounting in wood joists. Set-screws lock into position and prevent shifting after installation. Earthquake structural cable compatible for drop panel ceiling or any other mounting that requires direct support from structural ceiling.

Trim Ring

Friction clips hold square trim secure to Housing Frame.

Thermal Management

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

Electrical Components

Dimming - Specify UE-DUN option for 120V/277V 0-10V, ELV Triac Dimming.

Certifications and Listings

ETL/cETL listed to UL1598 and UL8750. Suitable for dry and damp locations. NYC approved: Calendar #41937.

Caution

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. Installations exceeding this temperature will result in reduced LED lamp life and a voided warranty.

Optional Accessory

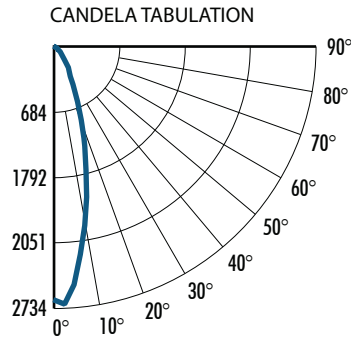
LFB2012 - Fire Barrier. This galvanized welded steel enclosure is rated for one-hour resistance to active fire. LFB2012 enclosure is designed for use with both existing and new installation of Recessed Luminaires. Fulfills the required 1-hour-fire-resistance-rating, to operate as an active fire wall, with less effort.

PHOTOMETRY

LSHQLD215C35-B25UE-DUN-T40/LRQ2521WW, (1300lm, 25° Narrow Flood, 4000K)

System Power: 14.4W
Test Date: 2/13/2019
Beam Angle 50%: 28.6°
Field Angle 10%: 67.9°
Color Temperature: 4000K
CRI : 90
Lumens Delivered: 1253.11
CBCP: 2686
Power Factor: >0.90

MULTIPLIERS	
Lumens	
1300lm (15W):	1.00
1000lm (10W):	0.74
CRI	
90CRI (-C90):	1.00
97CRI (-C97):	0.90
CCT	
4000K :	1.00
3500K :	0.99
3000K :	0.98
2700K :	0.94

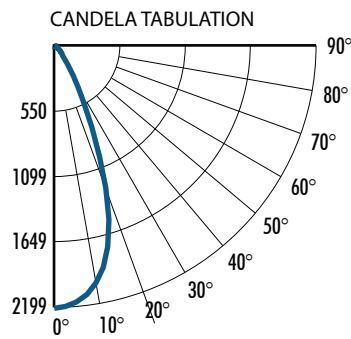


FOOTCANDLE DISTRIBUTION		
Height	Beam Diameter	FC
8.0'	4.1'	42.0
12.0'	6.1'	18.7
16.0'	8.2'	10.5
20.0'	10.2'	6.7
24.0'	12.2'	4.7

LSHQLD215C35-B40UE-DUN-T40/LRQ2521WW, (1300lm, 40° Flood, 4000K)

System Power: 14.4W
Test Date: 2/13/2019
Beam Angle 50%: 44.0°
Field Angle 10%: 71.1°
Color Temperature: 4000K
CRI : 90
Lumens Delivered: 1365.01
CBCP: 2199.00
Power Factor: >0.90

MULTIPLIERS	
Lumens	
1300lm (15W):	1.00
1000lm (10W):	0.74
CRI	
90CRI (-C90):	1.00
97CRI (-C97):	0.90
CCT	
4000K :	1.00
3500K :	0.99
3000K :	0.98
2700K :	0.94

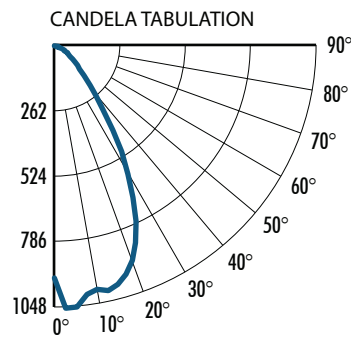


FOOTCANDLE DISTRIBUTION		
Height	Beam Diameter	FC
8.0'	6.5'	34.4
12.0'	9.7'	15.3
16.0'	12.9'	8.6
20.0'	16.2'	5.5
24.0'	19.4'	3.8

LSHQLD215C35-B60UE-DUN-T40/LRQ2521WW, (1300lm, 60° Wide Flood, 4000K)

System Power: 14.4W
Test Date: 2/13/2019
Beam Angle 50%: 63.0°
Field Angle 10%: 106.1°
Color Temperature: 4000K
CRI : 90
Lumens Delivered: 1262
CBCP: 1048
Power Factor: >0.90

MULTIPLIERS	
Lumens	
1300lm (15W):	1.00
1000lm (10W):	0.74
CRI	
90CRI (-C90):	1.00
97CRI (-C97):	0.90
CCT	
4000K :	1.00
3500K :	0.99
3000K :	0.98
2700K :	0.94

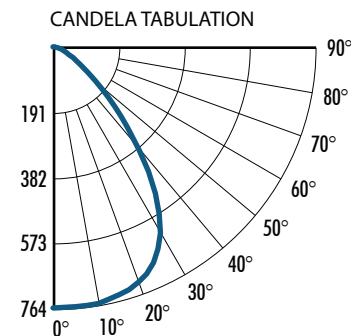


FOOTCANDLE DISTRIBUTION		
Height	Beam Diameter	FC
6.0'	7.4'	29.1
8.0'	9.8'	16.4
12.0'	14.7'	7.3
16.0'	19.6'	4.1
20.0'	24.5'	2.6

LSHQLD215C35-B90UE-DUN-T40/LRQ2521WW, (1300lm, 90° Very Wide Flood, 4000K)

System Power: 14.4W
Test Date: 2/13/2019
Beam Angle 50%: 81.3°
Field Angle 10%: 123.3°
Color Temperature: 4000K
CRI : 90
Lumens Delivered: 1343.5
CBCP: 764
Power Factor: >0.90

MULTIPLIERS	
Lumens	
1300lm (15W):	1.00
1000lm (10W):	0.74
CRI	
90CRI (-C90):	1.00
97CRI (-C97):	0.90
CCT	
4000K :	1.00
3500K :	0.99
3000K :	0.98
2700K :	0.94



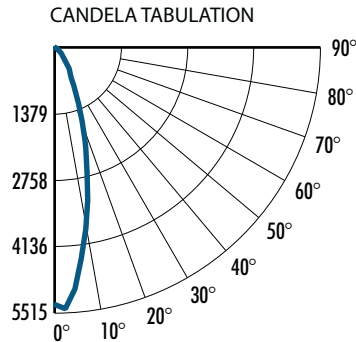
FOOTCANDLE DISTRIBUTION		
Height	Beam Diameter	FC
8.0'	13.7'	11.9
10.0'	17.2'	7.6
12.0'	20.6'	5.3
14.0'	24.0'	3.9
16.0'	27.5'	3.0

PHOTOMETRY

LSHQLD230C70-B25UE-DUN-T40/LRQ2521WW, (2600lm, 25° Narrow Flood, 4000K)

System Power: 29.2W
Test Date: 2/13/2019
Beam Angle 50%: 28.6°
Field Angle 10%: 67.9°
Color Temperature: 4000K
CRI : 90
Lumens Delivered: 2527.6
CBCP: 5418
Power Factor: >0.90

MULTIPLIERS	
Lumens	
2600lm (30W):	1.00
2000lm (20W):	0.74
CRI	
90CRI (-C90):	1.00
97CRI (-C97):	0.89
CCT	
4000K :	1.00
3500K :	0.99
3000K :	0.98
2700K :	0.94



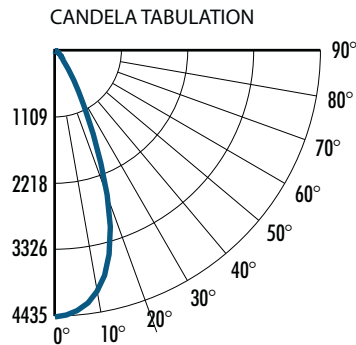
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
10.0'	5.1'	54.2
20.0'	10.2'	13.5
25.0'	12.7'	8.7
30.0'	15.3'	6.0
35.0'	17.8'	4.4

LSHQLD230C70-B40UE-DUN-T40/LRQ2521WW, (2600lm, 40° Flood, 4000K)

System Power: 29.2W
Test Date: 2/13/2019
Beam Angle 50%: 44.0°
Field Angle 10%: 71.1°
Color Temperature: 4000K
CRI : 90
Lumens Delivered: 2753.4
CBCP: 4435
Power Factor: >0.90

MULTIPLIERS	
Lumens	
2600lm (30W):	1.00
2000lm (20W):	0.74
CRI	
90CRI (-C90):	1.00
97CRI (-C97):	0.89
CCT	
4000K :	1.00
3500K :	0.99
3000K :	0.98
2700K :	0.94



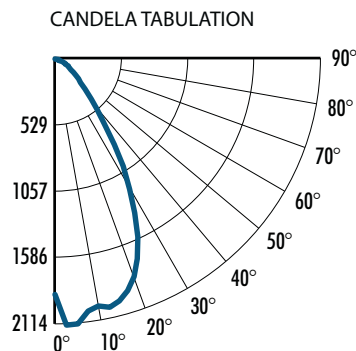
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
10.0'	8.1'	44.4
20.0'	16.2'	11.1
25.0'	20.2'	7.1
30.0'	24.2'	4.9
35.0'	28.3'	3.6

LSHQLD230C70-B60UE-DUN-T40/LRQ2521WW, (2600lm, 60° Wide Flood, 4000K)

System Power: 29.2W
Test Date: 2/13/2019
Beam Angle 50%: 63.0°
Field Angle 10%: 106.1°
Color Temperature: 4000K
CRI : 90
Lumens Delivered: 2545.7
CBCP: 2114
Power Factor: >0.90

MULTIPLIERS	
Lumens	
2600lm (30W):	1.00
2000lm (20W):	0.74
CRI	
90CRI (-C90):	1.00
97CRI (-C97):	0.89
CCT	
4000K :	1.00
3500K :	0.99
3000K :	0.98
2700K :	0.94



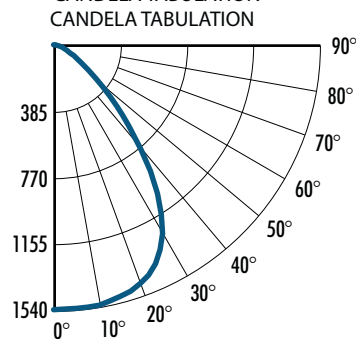
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	9.8'	33.0
15.0'	18.4'	9.4
20.0'	24.5'	5.5
25.0'	30.6'	3.4
30.0'	36.8'	2.3

LSHQLD230C70-B90UE-DUN-T40/LRQ2521WW, (2600lm, 90° Very Wide Flood, 4000K)

System Power: 29.2W
Test Date: 2/13/2019
Beam Angle 50%: 81.3°
Field Angle 10%: 123.3°
Color Temperature: 4000K
CRI : 90
Lumens Delivered: 2710
CBCP: 1540
Power Factor: >0.90

MULTIPLIERS	
Lumens	
2600lm (30W):	1.00
2000lm (20W):	0.74
CRI	
90CRI (-C90):	1.00
97CRI (-C97):	0.89
CCT	
4000K :	1.00
3500K :	0.99
3000K :	0.98
2700K :	0.94



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	13.7'	24.1
15.0'	25.8'	6.8
20.0'	34.3'	3.9
25.0'	42.9'	2.5
30.0'	51.5'	1.7