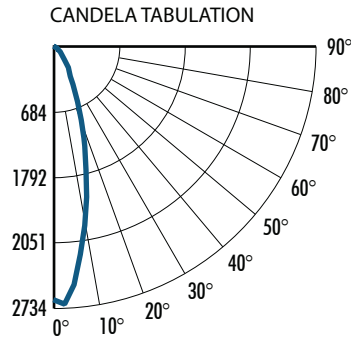


PHOTOMETRY

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

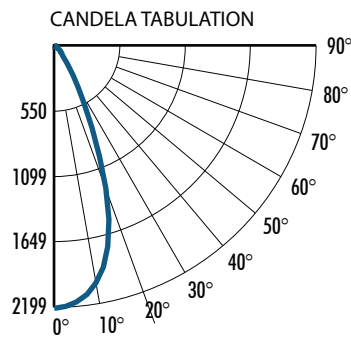


FOOTCANDLE DISTRIBUTION		
Height	Beam Diameter	FC
8.0'	4.1'	42.0
12.0'	6.1'	18.7
16.0'	8.2'	10.5
20.0'	10.2'	6.7
24.0'	12.2'	4.7

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

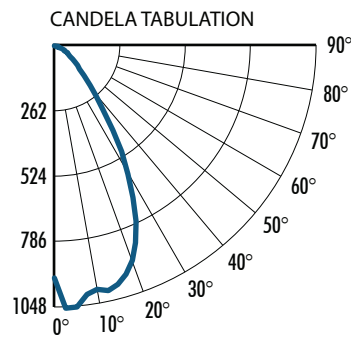


FOOTCANDLE DISTRIBUTION		
Height	Beam Diameter	FC
8.0'	6.5'	34.4
12.0'	9.7'	15.3
16.0'	12.9'	8.6
20.0'	16.2'	5.5
24.0'	19.4'	3.8

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

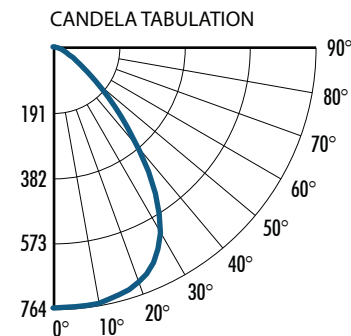


FOOTCANDLE DISTRIBUTION		
Height	Beam Diameter	FC
6.0'	7.4'	29.1
8.0'	9.8'	16.4
12.0'	14.7'	7.3
16.0'	19.6'	4.1
20.0'	24.5'	2.6

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



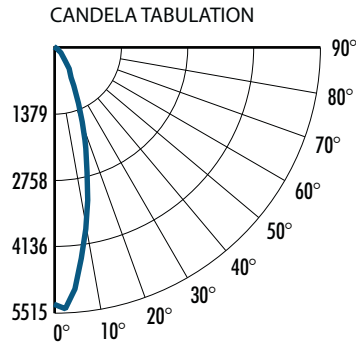
FOOTCANDLE DISTRIBUTION		
Height	Beam Diameter	FC
8.0'	13.7'	11.9
10.0'	17.2'	7.6
12.0'	20.6'	5.3
14.0'	24.0'	3.9
16.0'	27.5'	3.0

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



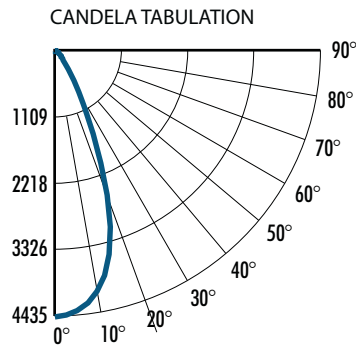
FOOTCANDLE DISTRIBUTION

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



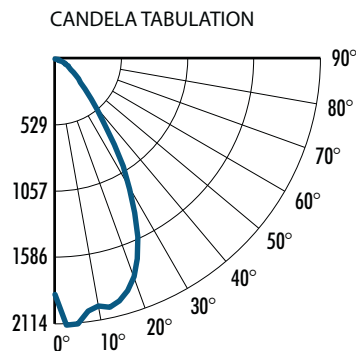
FOOTCANDLE DISTRIBUTION

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



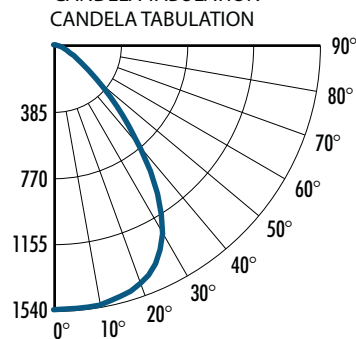
FOOTCANDLE DISTRIBUTION

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