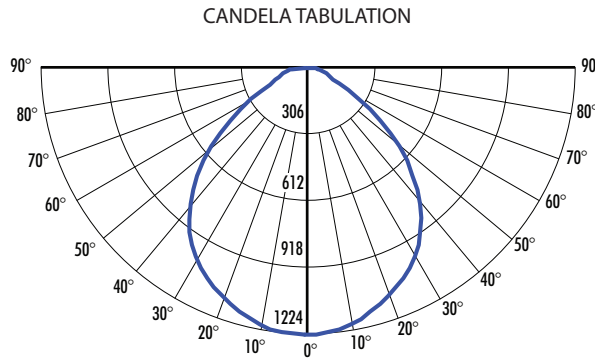


PHOTOMETRY

CH8SHL24UE-D10_CR8SHL30WW-T40 (3000lm, 30W, 4000K)

System Power: 29W
Test Date: 10/2023
Beam Angle 50%: 96.4°
Field Angle 10%: 144.5°
Color Temperature: 3997K
CRI: 83.3
Lumens Delivered: 2766
CBCP: 1224
Power Factor: 0.99

MULTIPLIERS	
CCT	
3000K:	0.93
3500K:	1.04
4000K:	1.00
Lumen Package	
1100lm:	0.40
1500lm:	0.54
2000lm:	0.75
3000lm:	1.00
Lens	
Blank:	1.00
LENS60:	1.09
LENS110:	1.12



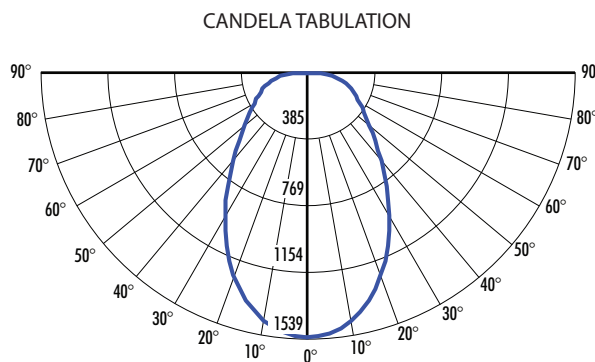
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
10.0'	22.37'	12.24
12.0'	26.84'	8.50
14.0'	31.32'	6.25
16.0'	35.79'	4.78
18.0'	40.26'	3.78
20.0'	44.74'	3.06

CH8SHL24UE-D10_CR8SHL30WW-T40-LENS60 (3000lm, 30W, 60°, 4000K)

System Power: 29W
Test Date: 10/2023
Beam Angle 50%: 72.6°
Field Angle 10%: 163.9°
Color Temperature: 4054K
CRI: 83.4
Lumens Delivered: 3020
CBCP: 1539
Power Factor: 0.99

MULTIPLIERS	
CCT	
3000K:	0.93
3500K:	1.04
4000K:	1.00
Lumen Package	
1100lm:	0.40
1500lm:	0.54
2000lm:	0.75
3000lm:	1.00
Lens	
Blank:	1.00
LENS60:	1.09
LENS110:	1.12



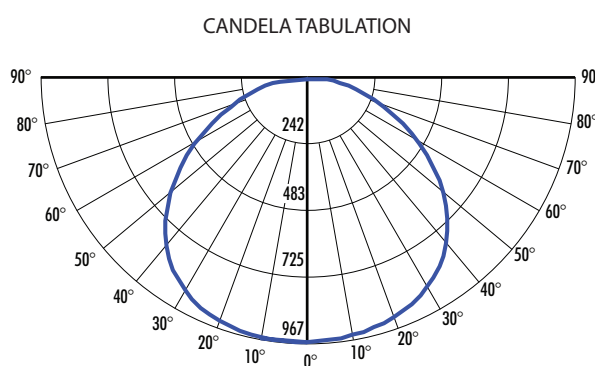
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
10.0'	14.69'	15.39
12.0'	17.63'	10.69
14.0'	20.57'	7.85
16.0'	23.51'	6.01
18.0'	26.44'	4.75
20.0'	29.38'	3.85

CH8SHL24UE-D10_CR8SHL30WW-T40-LENS110 (3000lm, 30W, 110°, 4000K)

System Power: 29W
Test Date: 10/2023
Beam Angle 50%: 119.2°
Field Angle 10%: 170.1°
Color Temperature: 4058K
CRI: 83.3
Lumens Delivered: 3097
CBCP: 967
Power Factor: 0.99

MULTIPLIERS	
CCT	
3000K:	0.93
3500K:	1.04
4000K:	1.00
Lumen Package	
1100lm:	0.40
1500lm:	0.54
2000lm:	0.75
3000lm:	1.00
Lens	
Blank:	1.00
LENS60:	1.09
LENS110:	1.12



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
10.0'	34.09'	9.66
12.0'	40.91'	6.71
14.0'	47.72'	4.93
16.0'	54.54'	3.77
18.0'	61.36'	2.98
20.0'	68.18'	2.42

2023.10.17