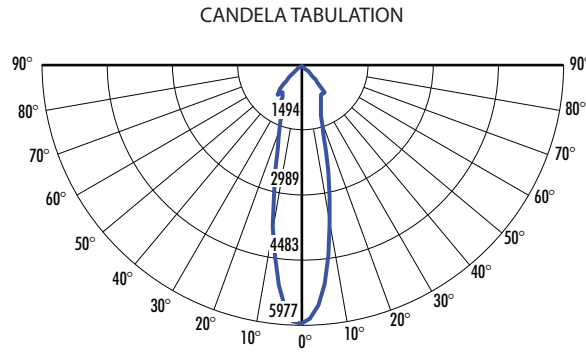


PHOTOMETRY

CH8CIC30UE-D10_CR8LC40CW-B20-T35 (2600lm, 30W, 20° Spot, 3500K)

System Power: 27.8W
Test Date: 10/2023
Beam Angle 50%: 24.9°
Field Angle 10%: 87.5°
Color Temperature: 3399K
CRI: 94.2
Lumens Delivered: 2606
CBCP: 5977.3
Power Factor: 0.99

MULTIPLIERS	
REFLECTOR FINISH	
CW:	1.01
SS:	0.99
SW:	1.00
WW:	0.968
CCT	
2700K:	0.91
3000K:	0.97
3500K:	1.00
4000K:	1.04
Lumens	
1000lm:	0.38
1500lm:	0.52
2000lm:	0.75
2600lm:	1.00



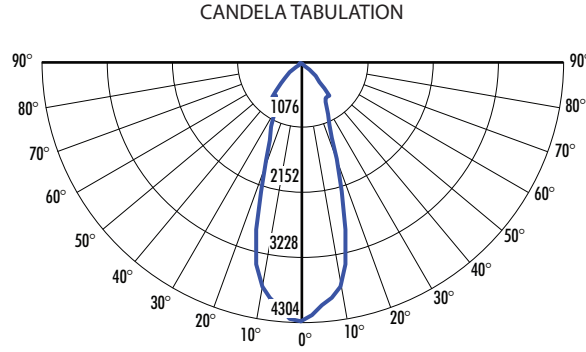
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
12.0'	5.30'	41.51
14.0'	6.18'	30.50
16.0'	7.06'	23.35
18.0'	7.95'	18.45
20.0'	8.83'	14.94

CH8CIC30UE-D10_CR8LC40CW-B30-T35 (2600lm, 30W, 30° Narrow Flood, 3500K)

System Power: 27.8W
Test Date: 10/2023
Beam Angle 50%: 36.0°
Field Angle 10%: 91.9°
Color Temperature: 3378K
CRI: 94.3
Lumens Delivered: 2621
CBCP: 4303.7
Power Factor: 0.99

MULTIPLIERS	
REFLECTOR FINISH	
CW:	1.01
SS:	0.99
SW:	1.00
WW:	0.968
CCT	
2700K:	0.91
3000K:	0.97
3500K:	1.00
4000K:	1.04
Lumens	
1000lm:	0.38
1500lm:	0.52
2000lm:	0.75
2600lm:	1.00



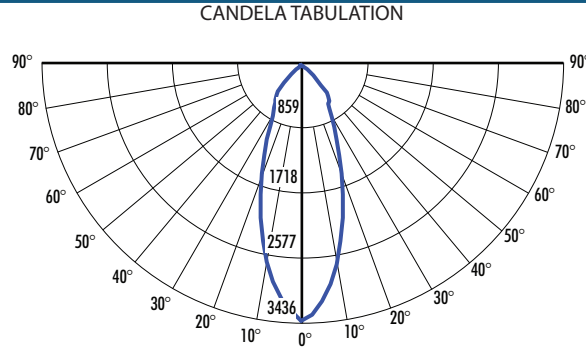
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
12.0'	7.80'	29.89
14.0'	9.10'	21.96
16.0'	10.40'	16.81
18.0'	11.70'	13.28
20.0'	13.00'	10.76

CH8CIC30UE-D10_CR8LC40CW-B40-T35 (2600lm, 30W, 40° Flood, 3500K)

System Power: 27.9W
Test Date: 10/2023
Beam Angle 50%: 36.8°
Field Angle 10%: 90.3°
Color Temperature: 3261K
CRI: 93.8
Lumens Delivered: 2094
CBCP: 3436.2
Power Factor: 0.99

MULTIPLIERS	
REFLECTOR FINISH	
CW:	1.01
SS:	0.99
SW:	1.00
WW:	0.968
CCT	
2700K:	0.91
3000K:	0.97
3500K:	1.00
4000K:	1.04
Lumens	
1000lm:	0.38
1500lm:	0.52
2000lm:	0.75
2600lm:	1.00



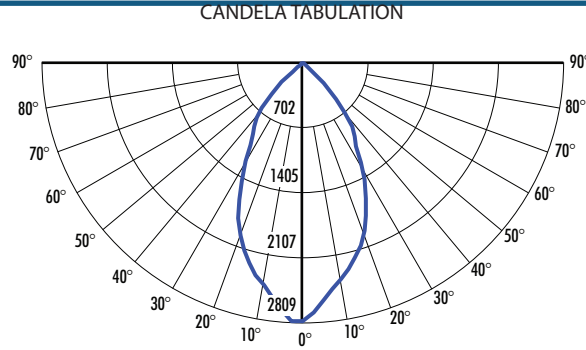
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
12.0'	7.98'	23.86
14.0'	9.31'	17.53
16.0'	10.64'	13.42
18.0'	11.98'	10.61
20.0'	13.31'	8.59

CH8CIC30UE-D10_CR8LC40CW-B60-T35 (2600lm, 30W, 60° Wide Flood, 3500K)

System Power: 28W
Test Date: 10/2023
Beam Angle 50%: 56.2°
Field Angle 10%: 94.3°
Color Temperature: 3310K
CRI: 93.8
Lumens Delivered: 2608
CBCP: 2803.8
Power Factor: 0.99

MULTIPLIERS	
REFLECTOR FINISH	
CW:	1.01
SS:	0.99
SW:	1.00
WW:	0.968
CCT	
2700K:	0.91
3000K:	0.97
3500K:	1.00
4000K:	1.04
Lumens	
1000lm:	0.38
1500lm:	0.52
2000lm:	0.75
2600lm:	1.00



FOOTCANDLE DISTRIBUTION

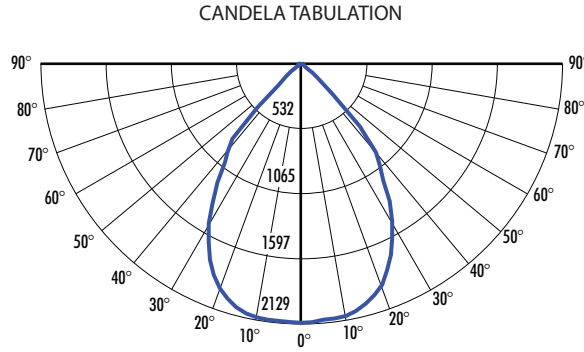
Height	Beam Diameter	FC
12.0'	12.81'	19.44
14.0'	14.95'	14.29
16.0'	17.09'	10.94
18.0'	19.22'	8.64
20.0'	21.36'	7.00

2024.05.01

PHOTOMETRY (Continued)

CH8CIC30UE-D10_CR8LC40CW-B75-T35 (2600lm, 30W, 75° Very Wide Flood, 3500K)

System Power:	27.8W	MULTIPLIERS
Test Date:	10/2023	REFLECTOR FINISH
Beam Angle 50%:	74.4°	CW : 1.01
Field Angle 10%:	97.0°	SS : 0.99
Color Temperature:	3351K	SW : 1.00
CRI:	94.0	WW : 0.968
Lumens Delivered:	2776	CCT
CBCP:	2129.4	2700K : 0.91
Power Factor:	0.99	3000K : 0.97
		3500K : 1.00
		4000K : 1.04
		Lumens
		1000lm: 0.38
		1500lm: 0.52
		2000lm: 0.75
		2600lm: 1.00



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
12.0'	18.22'	14.79
14.0'	21.25'	10.86
16.0'	24.29'	8.32
18.0'	27.33'	6.57
20.0'	30.36'	5.32

2024.05.01