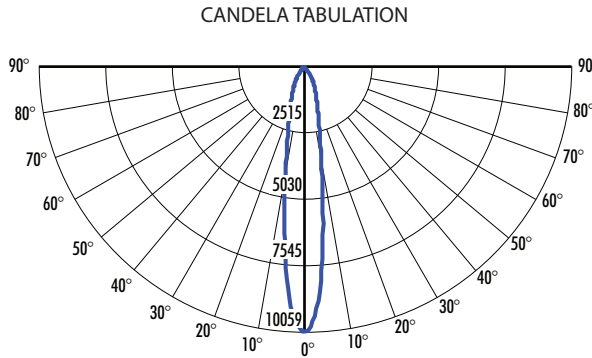


PHOTOMETRY

CH4QC30UE-D10_CR4QLC30WW-B15-T40 (2500lm, 30W, 15°, 4000K)

System Power: 30W
 Test Date: 01/2024
 Beam Angle 50%: 16.6°
 Field Angle 10%: 50.0°
 Color Temperature: 4019K
 CRI: 91.0
 Lumens Delivered: 2196
 CBCP: 10059.3
 Power Factor: 0.99

MULTIPLIERS	
CCT	
2700K :	0.87
3000K :	0.92
3500K :	0.96
4000K :	1.00
Lumens	
1000lm:	0.40
1400lm:	0.55
1900lm:	0.76
2500lm:	1.00



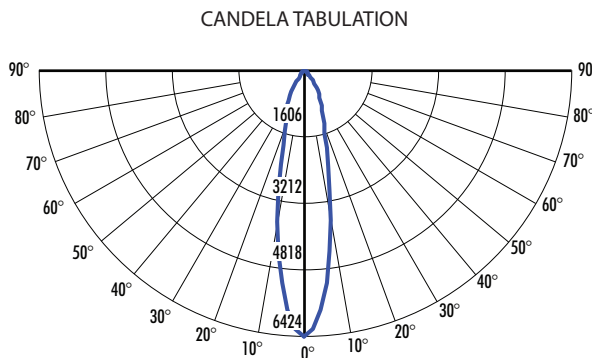
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	2.33'	157.18
10.0'	2.92'	100.59
12.0'	3.50'	69.86
14.0'	4.08'	51.32
16.0'	4.67'	39.29

CH4QC30UE-D10_CR4QLC30WW-B25-T40 (2500lm, 30W, 25°, 4000K)

System Power: 30W
 Test Date: 01/2024
 Beam Angle 50%: 22.7°
 Field Angle 10%: 63.3°
 Color Temperature: 3988K
 CRI: 90.8
 Lumens Delivered: 2098
 CBCP: 6423.7
 Power Factor: 0.99

MULTIPLIERS	
CCT	
2700K :	0.87
3000K :	0.92
3500K :	0.96
4000K :	1.00
Lumens	
1000lm:	0.40
1400lm:	0.55
1900lm:	0.76
2500lm:	1.00



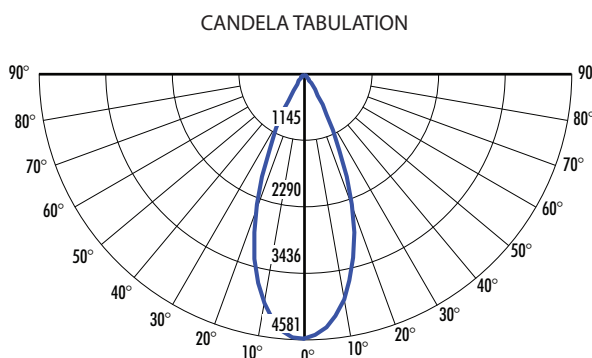
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	3.21'	100.37
10.0'	4.01'	64.24
12.0'	4.82'	44.61
14.0'	5.62'	32.77
16.0'	6.42'	25.09

CH4QC30UE-D10_CR4QLC30WW-B40-T40 (2500lm, 30W, 40°, 4000K)

System Power: 30W
 Test Date: 01/2024
 Beam Angle 50%: 41.1°
 Field Angle 10%: 68.2°
 Color Temperature: 4005K
 CRI: 90.9
 Lumens Delivered: 2432
 CBCP: 4580.8
 Power Factor: 0.99

MULTIPLIERS	
CCT	
2700K :	0.87
3000K :	0.92
3500K :	0.96
4000K :	1.00
Lumens	
1000lm:	0.40
1400lm:	0.55
1900lm:	0.76
2500lm:	1.00



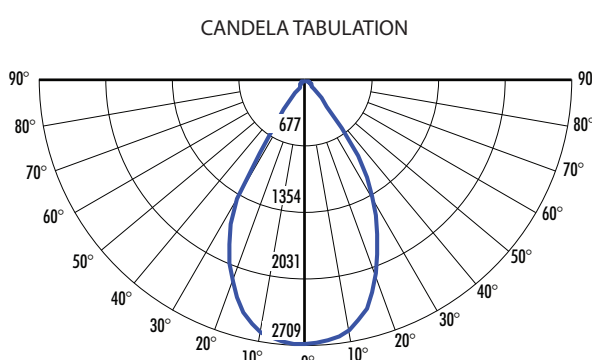
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	6.00'	71.57
10.0'	7.50'	45.81
12.0'	9.00'	31.81
14.0'	10.50'	23.37
16.0'	12.00'	17.89

CH4QC30UE-D10_CR4QLC30WW-B60-T40 (2500lm, 30W, 60°, 4000K)

System Power: 30W
 Test Date: 01/2024
 Beam Angle 50%: 59.9°
 Field Angle 10%: 81.6°
 Color Temperature: 4016K
 CRI: 91.0
 Lumens Delivered: 2487
 CBCP: 2708.6
 Power Factor: 0.99

MULTIPLIERS	
CCT	
2700K :	0.87
3000K :	0.92
3500K :	0.96
4000K :	1.00
Lumens	
1000lm:	0.40
1400lm:	0.55
1900lm:	0.76
2500lm:	1.00



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	9.22'	42.32
10.0'	11.52'	27.09
12.0'	13.83'	18.81
14.0'	16.13'	13.82
16.0'	18.44'	10.58

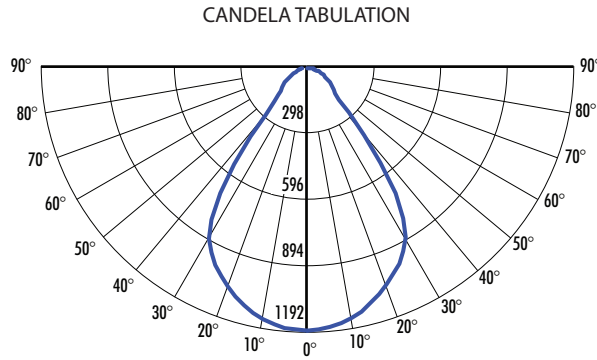
2024.02.02

PHOTOMETRY (Continued)

CH4QC30UE-D10_CR4QLC30WW-B75-T40 (2500lm, 30W, 75°, 4000K)

System Power: 30W
 Test Date: 02/2024
 Beam Angle 50%: 73.2°
 Field Angle 10%: 115.6°
 Color Temperature: 3845K
 CRI: 91.1
 Lumens Delivered: 1745
 CBCP: 1191.78
 Power Factor: 0.99

MULTIPLIERS	
CCT	
2700K:	0.87
3000K:	0.92
3500K:	0.96
4000K:	1.00
Lumens	
1000lm:	0.40
1400lm:	0.55
1900lm:	0.76
2500lm:	1.00



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	11.88'	18.62
10.0'	14.85'	11.92
12.0'	17.82'	8.28
14.0'	20.79'	6.08
16.0'	23.77'	4.66