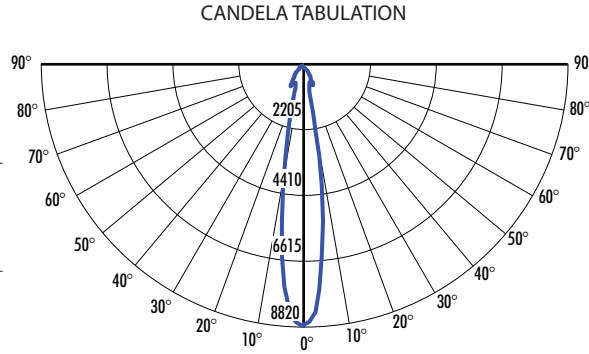


### PHOTOMETRY

#### CH4CIC20UE-D10\_CR4LC30CW-B20-T35 (1900lm, 20W, 20°, 3500K)

System Power: 21W  
 Test Date: 10/2023  
 Beam Angle 50%: 17.3°  
 Field Angle 10%: 33.8°  
 Color Temperature: 3486K  
 CRI: 91.9  
 Lumens Delivered: 1830  
 CBCP: 8819.6  
 Power Factor: 0.99

MULTIPLIERS	
REFLECTOR FINISH	
CW:	1.00
SS:	0.99
SW:	0.99
WW:	0.96
CCT	
2700K:	0.91
3000K:	0.97
3500K:	1.00
4000K:	1.04
Lumens	
1000lm:	0.58
1400lm:	0.72
1900lm:	1.00



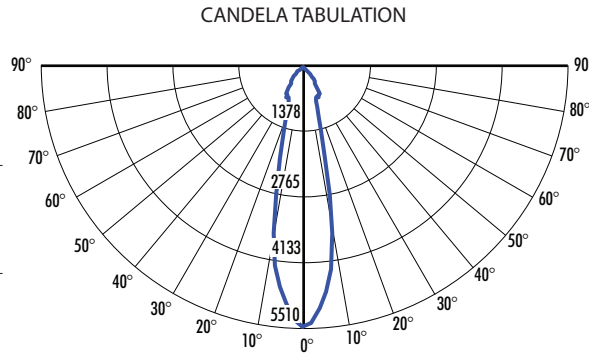
#### FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	2.43'	137.81
10.0'	3.04'	88.20
12.0'	3.65'	61.25
14.0'	4.26'	45.00
16.0'	4.87'	34.45

#### CH4CIC20UE-D10\_CR4LC30CW-B30-T35 (1900lm, 20W, 30°, 3500K)

System Power: 21.1W  
 Test Date: 10/2023  
 Beam Angle 50%: 24.1°  
 Field Angle 10%: 67.4°  
 Color Temperature: 3456K  
 CRI: 92.0  
 Lumens Delivered: 1822  
 CBCP: 5510.3  
 Power Factor: 0.99

MULTIPLIERS	
REFLECTOR FINISH	
CW:	1.00
SS:	0.99
SW:	0.99
WW:	0.96
CCT	
2700K:	0.91
3000K:	0.97
3500K:	1.00
4000K:	1.04
Lumens	
1000lm:	0.58
1400lm:	0.72
1900lm:	1.00



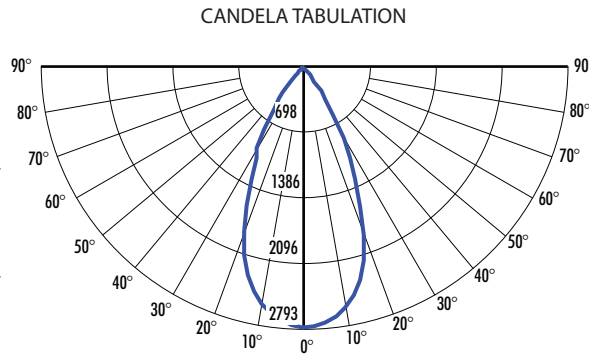
#### FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	3.42'	86.10
10.0'	4.27'	55.10
12.0'	5.12'	38.27
14.0'	5.98'	28.11
16.0'	6.83'	21.52

#### CH4CIC20UE-D10\_CR4LC30CW-B50-T35 (1900lm, 20W, 50°, 3500K)

System Power: 20.9W  
 Test Date: 10/2023  
 Beam Angle 50%: 48.9°  
 Field Angle 10%: 79.0°  
 Color Temperature: 3446K  
 CRI: 91.7  
 Lumens Delivered: 1971  
 CBCP: 2792.8  
 Power Factor: 0.99

MULTIPLIERS	
REFLECTOR FINISH	
CW:	1.00
SS:	0.99
SW:	0.99
WW:	0.96
CCT	
2700K:	0.91
3000K:	0.97
3500K:	1.00
4000K:	1.04
Lumens	
1000lm:	0.58
1400lm:	0.72
1900lm:	1.00



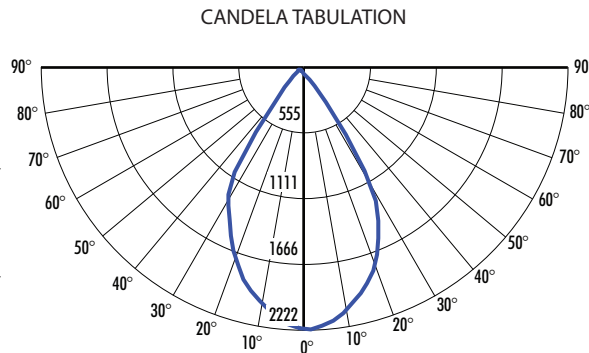
#### FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	7.27'	43.64
10.0'	9.09'	27.93
12.0'	10.91'	19.39
14.0'	12.73'	14.25
16.0'	14.55'	10.91

#### CH4CIC20UE-D10\_CR4LC30CW-B60-T35 (1900lm, 20W, 60°, 3500K)

System Power: 20.9W  
 Test Date: 10/2023  
 Beam Angle 50%: 62.3°  
 Field Angle 10%: 80.0°  
 Color Temperature: 3454K  
 CRI: 91.7  
 Lumens Delivered: 1952  
 CBCP: 2221.7  
 Power Factor: 0.99

MULTIPLIERS	
REFLECTOR FINISH	
CW:	1.00
SS:	0.99
SW:	0.99
WW:	0.96
CCT	
2700K:	0.91
3000K:	0.97
3500K:	1.00
4000K:	1.04
Lumens	
1000lm:	0.58
1400lm:	0.72
1900lm:	1.00



#### FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	9.67'	34.71
10.0'	12.09'	22.22
12.0'	14.51'	15.43
14.0'	16.92'	11.34
16.0'	19.34'	8.68

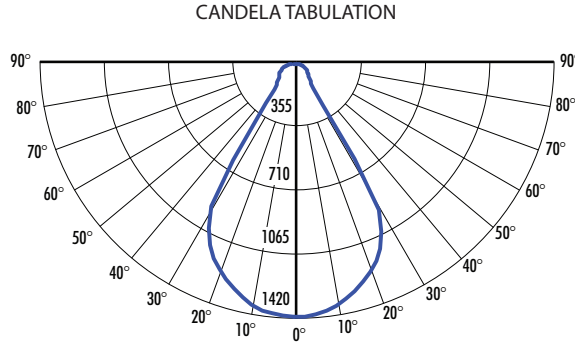
2024.05.01

## PHOTOMETRY (Continued)

### CH4CIC20UE-D10\_CR4LC30WW-B70-T35 (1900lm, 20W, 70°, 3500K)

System Power: 21.2W  
 Test Date: 10/2023  
 Beam Angle 50%: 63.6°  
 Field Angle 10%: 84.8°  
 Color Temperature: 3441K  
 CRI: 91.5  
 Lumens Delivered: 1616  
 CBCP: 1420.4  
 Power Factor: 0.99

MULTIPLIERS	
REFLECTOR FINISH	
CW :	1.04
SS :	1.03
SW :	1.03
<b>WW :</b>	<b>1.00</b>
CCT	
2700K :	0.91
3000K :	0.97
<b>3500K :</b>	<b>1.00</b>
4000K :	1.04
Lumens	
1000lm :	0.58
1400lm :	0.72
<b>1900lm :</b>	<b>1.00</b>



### FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	9.92'	22.19
10.0'	12.40'	14.20
12.0'	14.88'	9.86
14.0'	17.36'	7.25
16.0'	19.84'	5.55

2024.05.01