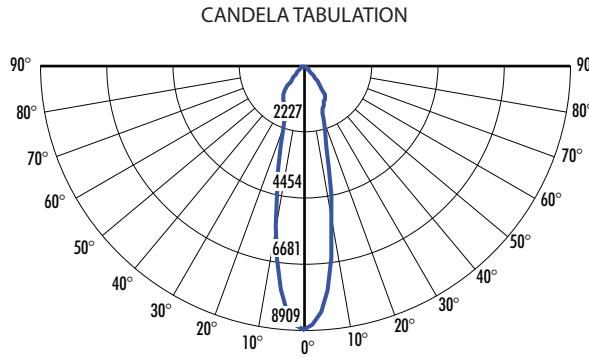


## PHOTOMETRY

### CH6C40UE-D10\_CR6LC40SW-B20-T35 (4000lm, 40W, 20°, 3500K)

System Power: 43W  
Test Date: 10/2023  
Beam Angle 50%: 24.1°  
Field Angle 10%: 79.4°  
Color Temperature: 3408K  
CRI: 94.3  
Lumens Delivered: 3754  
CBCP: 8908.5  
Power Factor: 0.99

MULTIPLIERS	
REFLECTOR FINISH	
CW:	1.01
SS:	0.99
<b>SW:</b>	<b>1.00</b>
WW:	0.968
CCT	
2700K:	0.91
3000K:	0.97
<b>3500K:</b>	<b>1.00</b>
4000K:	1.04
Lumens	
1000lm:	0.27
1500lm:	0.37
2100lm:	0.52
2800lm:	0.70
<b>4000lm:</b>	<b>1.00</b>



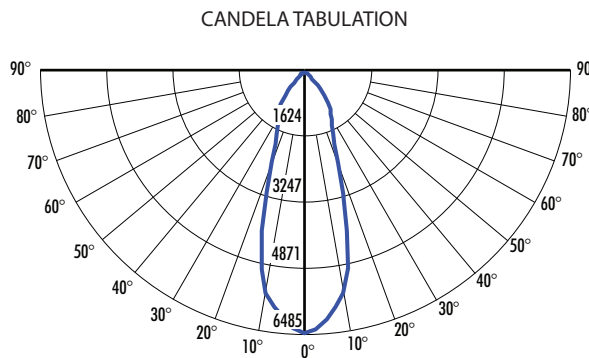
#### FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	3.42'	139.20
10.0'	4.27'	89.09
12.0'	5.12'	61.86
14.0'	5.98'	45.45
16.0'	6.83'	34.80

### CH6C40UE-D10\_CR6LC40SW-B30-T35 (4000lm, 40W, 30°, 3500K)

System Power: 43W  
Test Date: 10/2023  
Beam Angle 50%: 34.4°  
Field Angle 10%: 83.4°  
Color Temperature: 3378K  
CRI: 94.5  
Lumens Delivered: 3799  
CBCP: 6494.6  
Power Factor: 0.99

MULTIPLIERS	
REFLECTOR FINISH	
CW:	1.01
SS:	0.99
<b>SW:</b>	<b>1.00</b>
WW:	0.968
CCT	
2700K:	0.91
3000K:	0.97
<b>3500K:</b>	<b>1.00</b>
4000K:	1.04
Lumens	
1000lm:	0.27
1500lm:	0.37
2100lm:	0.52
2800lm:	0.70
<b>4000lm:</b>	<b>1.00</b>



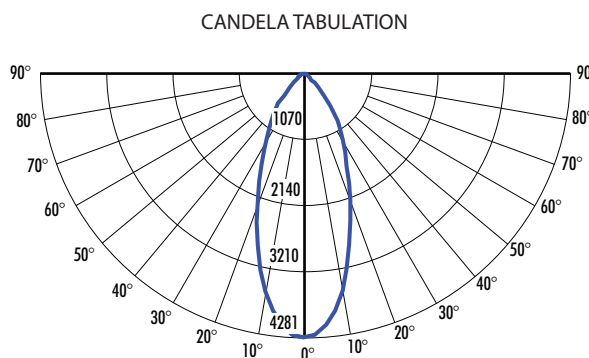
#### FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	4.95'	101.48
10.0'	6.19'	64.95
12.0'	7.43'	45.10
14.0'	9.91'	33.14
16.0'	11.14'	25.37

### CH6C40UE-D10\_CR6LC40SW-B40-T35 (4000lm, 40W, 40°, 3500K)

System Power: 43W  
Test Date: 10/2023  
Beam Angle 50%: 41.0°  
Field Angle 10%: 87.1°  
Color Temperature: 3262K  
CRI: 94.1  
Lumens Delivered: 3008  
CBCP: 4280.6  
Power Factor: 0.99

MULTIPLIERS	
REFLECTOR FINISH	
CW:	1.01
SS:	0.99
<b>SW:</b>	<b>1.00</b>
WW:	0.968
CCT	
2700K:	0.91
3000K:	0.97
<b>3500K:</b>	<b>1.00</b>
4000K:	1.04
Lumens	
1000lm:	0.26
1500lm:	0.37
2100lm:	0.52
2800lm:	0.71
<b>4000lm:</b>	<b>1.00</b>



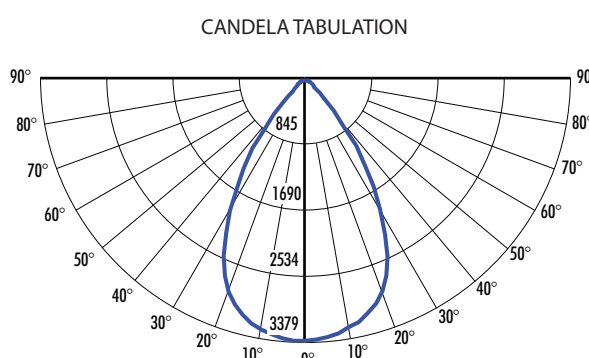
#### FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	5.98'	66.88
10.0'	7.48'	42.81
12.0'	8.97'	29.73
14.0'	10.47'	21.84
16.0'	11.96'	16.72

### CH6C40UE-D10\_CR6LC40SW-B60-T35 (4000lm, 40W, 60°, 3500K)

System Power: 43W  
Test Date: 10/2023  
Beam Angle 50%: 64.3°  
Field Angle 10%: 92.8°  
Color Temperature: 3297K  
CRI: 94.1  
Lumens Delivered: 3779  
CBCP: 3379.2  
Power Factor: 0.99

MULTIPLIERS	
REFLECTOR FINISH	
CW:	1.01
SS:	0.99
<b>SW:</b>	<b>1.00</b>
WW:	0.968
CCT	
2700K:	0.91
3000K:	0.97
<b>3500K:</b>	<b>1.00</b>
4000K:	1.04
Lumens	
1000lm:	0.27
1500lm:	0.37
2100lm:	0.53
2800lm:	0.70
<b>4000lm:</b>	<b>1.00</b>



#### FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	10.06'	52.80
10.0'	12.57'	33.79
12.0'	15.08'	23.47
14.0'	17.60'	17.24
16.0'	20.11'	13.20

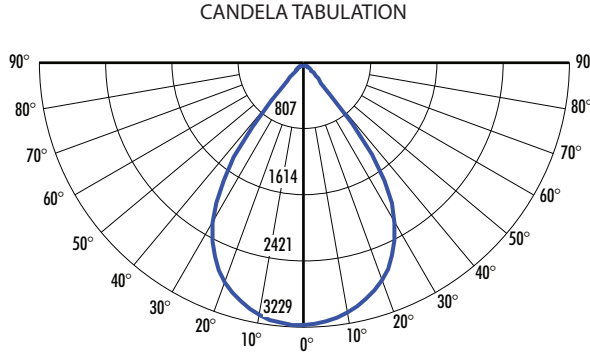
2024.02.02

## PHOTOMETRY (Continued)

### CH6C40UE-D10\_CR6LC40SW-B75-T35 (4000lm, 40W, 75°, 3500K)

System Power: 43W  
 Test Date: 10/2023  
 Beam Angle 50%: 71.8°  
 Field Angle 10%: 92.9°  
 Color Temperature: 3346K  
 CRI: 94.3  
 Lumens Delivered: 3994  
 CBCP: 3228.7  
 Power Factor: 0.99

MULTIPLIERS	
REFLECTOR FINISH	
CW :	1.01
SS :	0.99
<b>SW :</b>	<b>1.00</b>
WW :	0.968
CCT	
2700K :	0.91
3000K :	0.97
<b>3500K :</b>	<b>1.00</b>
4000K :	1.04
Lumens	
1000lm :	0.27
1500lm :	0.37
2100lm :	0.53
2800lm :	0.70
<b>4000lm :</b>	<b>1.00</b>



### FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	11.58'	50.45
10.0'	14.48'	32.29
12.0'	17.37'	22.42
14.0'	20.27'	16.47
16.0'	23.16'	12.61