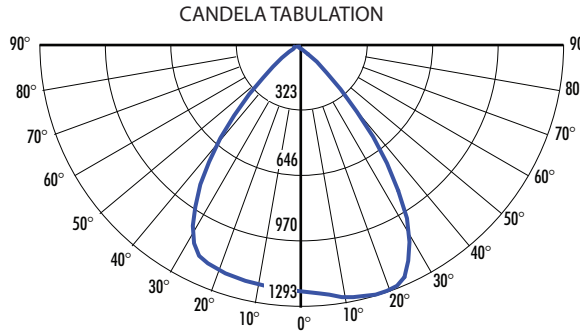


## PHOTOMETRY

### CH6LS1928UE-D10\_CR6L22CW-TS40\_LOW (1900lm, 17W, 4000K)

System Power: 17W  
 Test Date: 10/2023  
 Beam Angle 50%: 78.0°  
 Field Angle 10%: 102.3°  
 Color Temperature: 3893K  
 CRI: 82.6  
 Lumens Delivered: 1873  
 CBCP: 1293  
 Power Factor: 0.99

MULTIPLIERS	
REFLECTOR FINISH	
CW :	1.00
SS :	0.90
SW :	0.88
WW :	0.81
CCT	
2700K :	1.04
3000K :	1.01
3500K :	1.12
<b>4000K :</b>	<b>1.00</b>



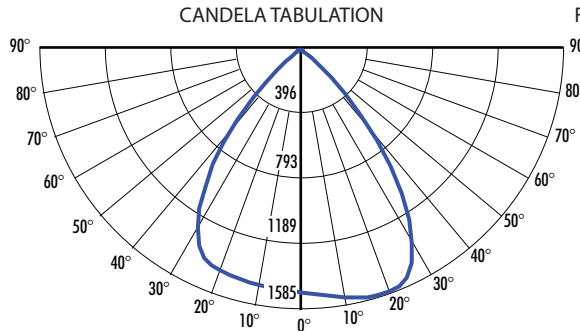
#### FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	12.96'	18.92
10.0'	16.20'	12.11
12.0'	19.43'	8.41
14.0'	22.67'	6.18
16.0'	25.91'	4.73

### CH6LS1928UE-D10\_CR6L22CW-TS40\_MID (2300lm, 22W, 4000K)

System Power: 22W  
 Test Date: 10/2023  
 Beam Angle 50%: 78.1°  
 Field Angle 10%: 102.8°  
 Color Temperature: 3899K  
 CRI: 82.4  
 Lumens Delivered: 2313  
 CBCP: 1585  
 Power Factor: 0.99

MULTIPLIERS	
REFLECTOR FINISH	
CW :	1.00
SS :	0.90
SW :	0.88
WW :	0.81
CCT	
2700K :	1.04
3000K :	1.01
3500K :	1.12
<b>4000K :</b>	<b>1.00</b>



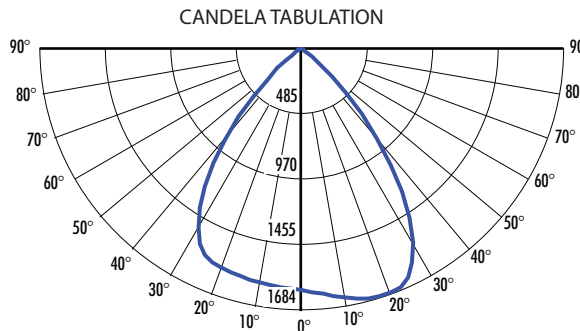
#### FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	12.98'	23.29
10.0'	16.22'	14.90
12.0'	19.47'	10.35
14.0'	22.71'	7.60
16.0'	25.96'	5.82

### CH6LS1928UE-D10\_CR6L22CW-TS40\_HIGH (2800lm, 28W, 4000K)

System Power: 28W  
 Test Date: 10/2023  
 Beam Angle 50%: 77.8°  
 Field Angle 10%: 102.6°  
 Color Temperature: 3903K  
 CRI: 82.2  
 Lumens Delivered: 2803  
 CBCP: 1940  
 Power Factor: 0.99

MULTIPLIERS	
REFLECTOR FINISH	
CW :	1.00
SS :	0.90
SW :	0.88
WW :	0.81
CCT	
2700K :	1.04
3000K :	1.01
3500K :	1.12
<b>4000K :</b>	<b>1.00</b>



#### FOOTCANDLE DISTRIBUTION

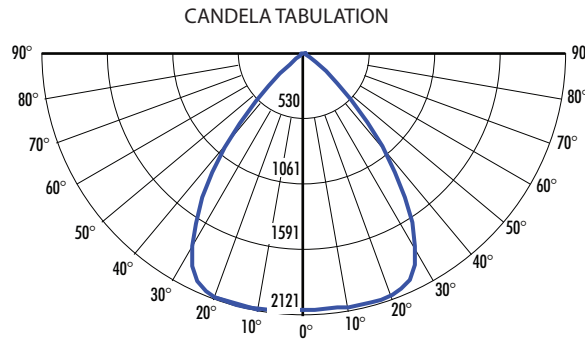
Height	Beam Diameter	FC
8.0'	12.91'	28.19
10.0'	16.14'	18.04
12.0'	19.37'	12.53
14.0'	22.59'	9.20
16.0'	25.82'	7.05

2023.10.05

## PHOTOMETRY (Continued)

### CH6LS3145UE-D10\_CR6L36CW-TS40\_LOW (3100lm, 30W, 4000K)

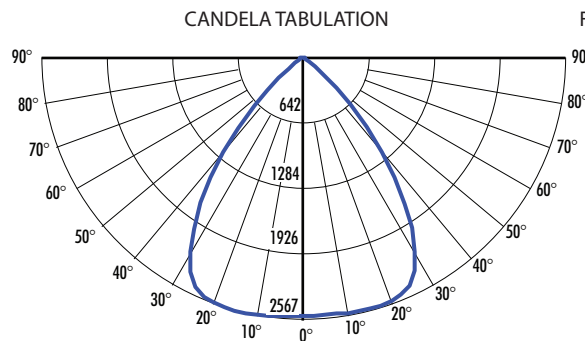
System Power:	30W	MULTIPLIERS
Test Date:	10/2023	REFLECTOR FINISH
Beam Angle 50%:	78.5°	<b>CW :</b> 1.00
Field Angle 10%:	103.0°	SS : 0.90
Color Temperature:	3902K	SW : 0.88
CRI:	82.1	WW : 0.81
Lumens Delivered:	3182	CCT
CBCP:	2121	2700K : 1.04
Power Factor:	0.99	3000K : 1.01
		3500K : 1.12
		<b>4000K : 1.00</b>



FOOTCANDLE DISTRIBUTION		
Height	Beam Diameter	FC
8.0'	13.07'	32.63
10.0'	16.34'	20.88
12.0'	19.61'	14.50
14.0'	22.88'	10.66
16.0'	26.15'	8.16

### CH6LS3145UE-D10\_CR6L36CW-TS40\_MID (3800lm, 38W, 4000K)

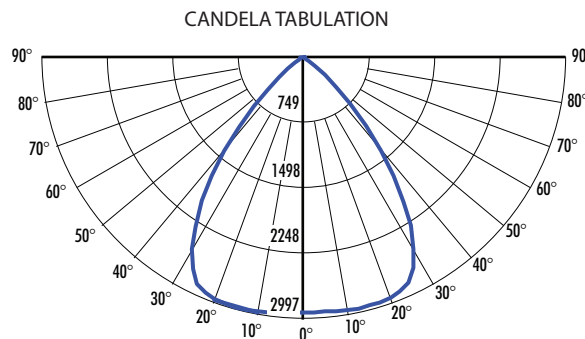
System Power:	39W	MULTIPLIERS
Test Date:	10/2023	REFLECTOR FINISH
Beam Angle 50%:	78.5°	<b>CW :</b> 1.00
Field Angle 10%:	103.1°	SS : 0.90
Color Temperature:	3916K	SW : 0.88
CRI:	82.0	WW : 0.81
Lumens Delivered:	3850	CCT
CBCP:	2567	2700K : 1.04
Power Factor:	0.99	3000K : 1.01
		3500K : 1.12
		<b>4000K : 1.00</b>



FOOTCANDLE DISTRIBUTION		
Height	Beam Diameter	FC
8.0'	13.07'	39.51
10.0'	16.34'	25.29
12.0'	19.61'	17.56
14.0'	22.88'	12.90
16.0'	26.15'	9.88

### CH6LS3145UE-D10\_CR6L36CW-TS40\_HIGH (4500lm, 48W, 4000K)

System Power:	48W	MULTIPLIERS
Test Date:	10/2023	REFLECTOR FINISH
Beam Angle 50%:	78.6°	<b>CW :</b> 1.00
Field Angle 10%:	103.2°	SS : 0.90
Color Temperature:	3932K	SW : 0.88
CRI:	81.9	WW : 0.81
Lumens Delivered:	4505	CCT
CBCP:	2997	2700K : 1.04
Power Factor:	0.99	3000K : 1.01
		3500K : 1.12
		<b>4000K : 1.00</b>



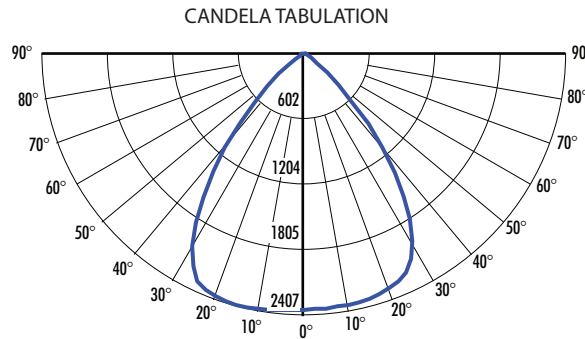
FOOTCANDLE DISTRIBUTION		
Height	Beam Diameter	FC
8.0'	13.10'	46.13
10.0'	16.37'	29.52
12.0'	19.64'	20.50
14.0'	22.92'	15.06
16.0'	26.19'	11.53

2023.10.05

## PHOTOMETRY (Continued)

### CH6LS3649UE-D10\_CR6L40CW-TS40\_LOW (3600lm, 35W, 4000K)

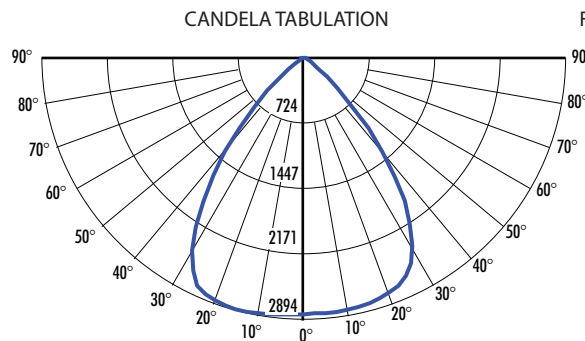
System Power:	35W	MULTIPLIERS
Test Date:	10/2023	REFLECTOR FINISH
Beam Angle 50%:	78.5°	<b>CW :</b> 1.00
Field Angle 10%:	103.4°	SS : 0.90
Color Temperature:	3903K	SW : 0.88
CRI:	83.4	WW : 0.81
Lumens Delivered:	3595	CCT
CBCP:	2407	2700K : 1.04
Power Factor:	0.99	3000K : 1.01
		3500K : 1.12
		<b>4000K : 1.00</b>



FOOTCANDLE DISTRIBUTION		
Height	Beam Diameter	FC
8.0'	13.07'	37.01
10.0'	16.34'	23.68
12.0'	19.61'	16.45
14.0'	22.88'	12.08
16.0'	26.15'	9.25

### CH6LS3649UE-D10\_CR6L40CW-TS40\_MID (4200lm, 45W, 4000K)

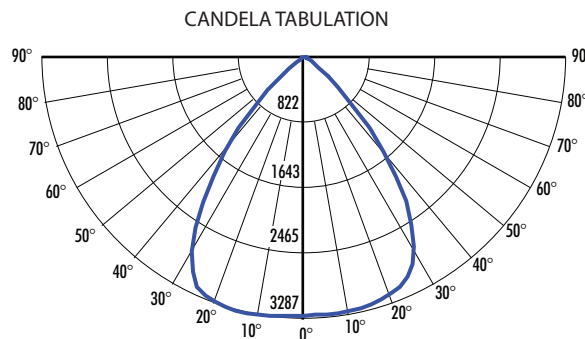
System Power:	45W	MULTIPLIERS
Test Date:	10/2023	REFLECTOR FINISH
Beam Angle 50%:	78.6°	<b>CW :</b> 1.00
Field Angle 10%:	103.4°	SS : 0.90
Color Temperature:	3917K	SW : 0.88
CRI:	83.3	WW : 0.81
Lumens Delivered:	4330	CCT
CBCP:	2894	2700K : 1.04
Power Factor:	0.99	3000K : 1.01
		3500K : 1.12
		<b>4000K : 1.00</b>



FOOTCANDLE DISTRIBUTION		
Height	Beam Diameter	FC
8.0'	13.10'	44.54
10.0'	16.37'	28.50
12.0'	19.64'	19.79
14.0'	22.92'	14.54
16.0'	26.19'	11.13

### CH6LS3649UE-D10\_CR6L40CW-TS40\_HIGH (4900lm, 55W, 4000K)

System Power:	53W	MULTIPLIERS
Test Date:	10/2023	REFLECTOR FINISH
Beam Angle 50%:	78.6°	<b>CW :</b> 1.00
Field Angle 10%:	103.4°	SS : 0.90
Color Temperature:	3929K	SW : 0.88
CRI:	83.2	WW : 0.81
Lumens Delivered:	4918	CCT
CBCP:	3287	2700K : 1.04
Power Factor:	0.99	3000K : 1.01
		3500K : 1.12
		<b>4000K : 1.00</b>



FOOTCANDLE DISTRIBUTION		
Height	Beam Diameter	FC
8.0'	13.10'	50.57
10.0'	16.37'	32.36
12.0'	19.64'	22.47
14.0'	22.92'	16.51
16.0'	26.19'	12.64

2023.10.05