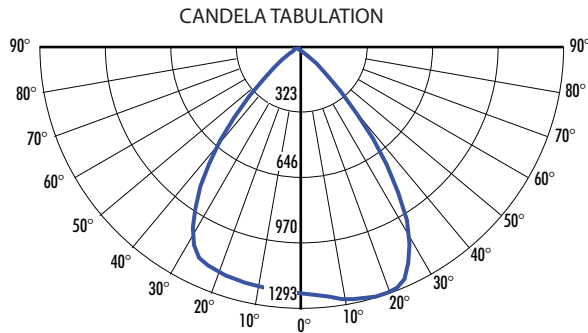


PHOTOMETRY

CRTR6LS1928CWUE-D10-TS40_LOW (1900lm, 17W, 4000K)

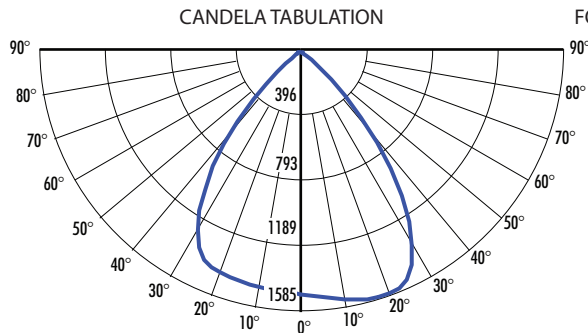
System Power:	17W	MULTIPLIERS
Test Date:	10/2023	REFLECTOR FINISH
Beam Angle 50%:	78.0°	CW : 1.00
Field Angle 10%:	102.3°	SS : 0.90
Color Temperature:	3893K	SW : 0.88
CRI:	82.6	WW : 0.81
Lumens Delivered:	1873	CCT
CBCP:	1293	2700K : 1.04
Power Factor:	0.99	3000K : 1.01
		3500K : 1.12
		4000K : 1.00



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

CRTR6LS1928CWUE-D10-TS40_MID (2300lm, 22W, 4000K)

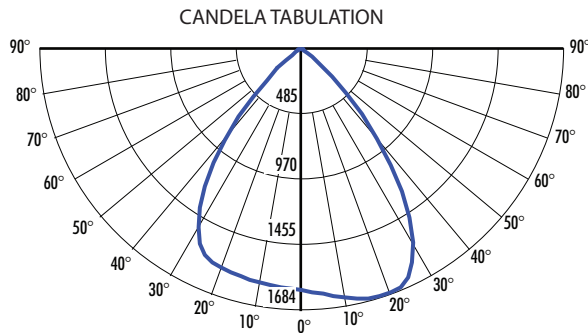
System Power:	22W	MULTIPLIERS
Test Date:	10/2023	REFLECTOR FINISH
Beam Angle 50%:	78.1°	CW : 1.00
Field Angle 10%:	102.8°	SS : 0.90
Color Temperature:	3899K	SW : 0.88
CRI:	82.4	WW : 0.81
Lumens Delivered:	2313	CCT
CBCP:	1585	2700K : 1.04
Power Factor:	0.99	3000K : 1.01
		3500K : 1.12
		4000K : 1.00



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

CRTR6LS1928CWUE-D10-TS40_HIGH (2800lm, 28W, 4000K)

System Power:	28W	MULTIPLIERS
Test Date:	10/2023	REFLECTOR FINISH
Beam Angle 50%:	77.8°	CW : 1.00
Field Angle 10%:	102.6°	SS : 0.90
Color Temperature:	3903K	SW : 0.88
CRI:	82.2	WW : 0.81
Lumens Delivered:	2803	CCT
CBCP:	1940	2700K : 1.04
Power Factor:	0.99	3000K : 1.01
		3500K : 1.12
		4000K : 1.00



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

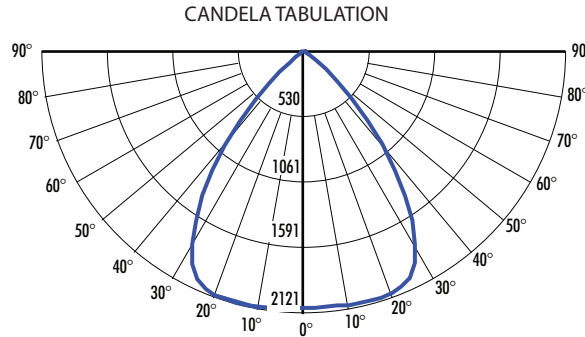
2023.10.05

PHOTOMETRY (Continued)

CRTR6LS3145CWUE-D10-TS40_LOW (3100lm, 30W, 4000K)

System Power: 30W
 Test Date: 10/2023
 Beam Angle 50%: 78.5°
 Field Angle 10%: 103.0°
 Color Temperature: 3902K
 CRI: 82.1
 Lumens Delivered: 3182
 CBCP: 2121
 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
4000K: 1.00



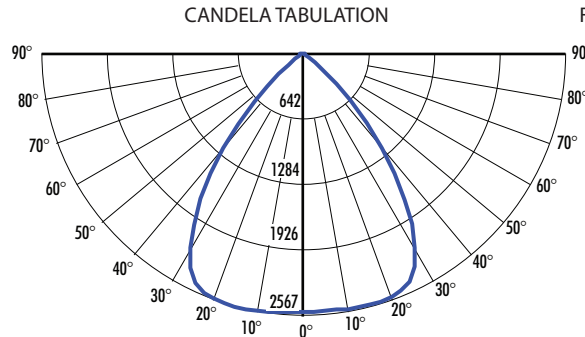
FOOTCANDLE DISTRIBUTION

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

CRTR6LS3145CWUE-D10-TS40_MID (3800lm, 38W, 4000K)

System Power: 39W
 Test Date: 10/2023
 Beam Angle 50%: 78.5°
 Field Angle 10%: 103.1°
 Color Temperature: 3916K
 CRI: 82.0
 Lumens Delivered: 3850
 CBCP: 2567
 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
4000K: 1.00



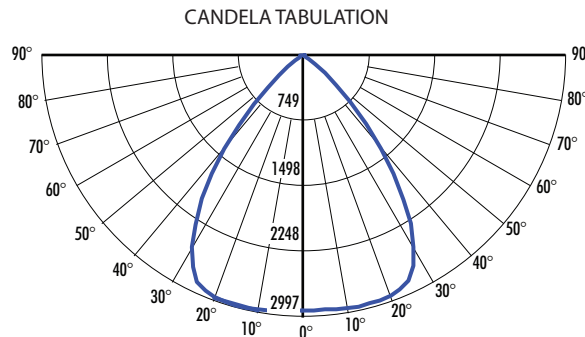
FOOTCANDLE DISTRIBUTION

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

CRTR6LS3145CWUE-D10-TS40_HIGH (4500lm, 48W, 4000K)

System Power: 48W
 Test Date: 10/2023
 Beam Angle 50%: 78.6°
 Field Angle 10%: 103.2°
 Color Temperature: 3932K
 CRI: 81.9
 Lumens Delivered: 4505
 CBCP: 2997
 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
4000K: 1.00



FOOTCANDLE DISTRIBUTION

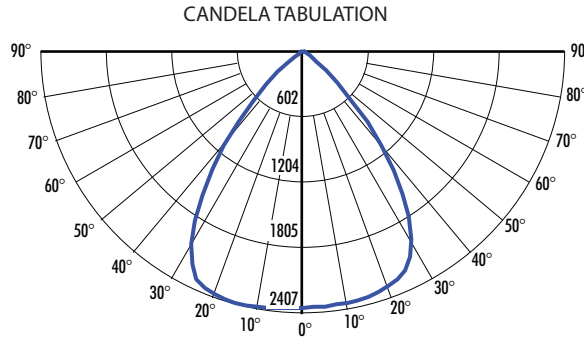
Height	Beam Diameter	FC
8.0'	13.10'	46.13
10.0'	16.37'	29.52
12.0'	19.64'	20.50
14.0'	22.92'	15.06
16.0'	26.19'	11.53

2023.10.05

PHOTOMETRY (Continued)

CRTR6LS3649CWUE-D10-TS40_LOW (3600lm, 35W, 4000K)

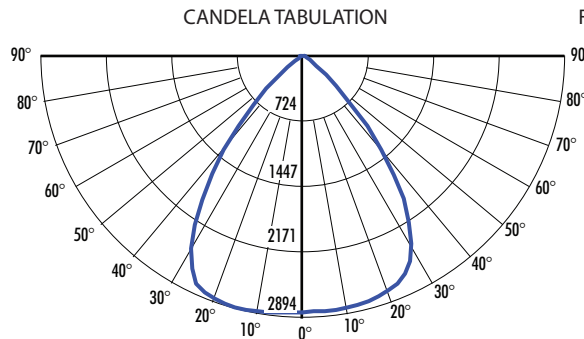
System Power:	35W	MULTIPLIERS
Test Date:	10/2023	REFLECTOR FINISH
Beam Angle 50%:	78.5°	CW : 1.00
Field Angle 10%:	103.4°	SS : 0.90
Color Temperature:	3903K	SW : 0.88
CRI:	83.4	WW : 0.81
Lumens Delivered:	3595	CCT
CBCP:	2407	2700K : 1.04
Power Factor:	0.99	3000K : 1.01
		3500K : 1.12
		4000K : 1.00



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

CRTR6LS3649CWUE-D10-TS40_MID (4200lm, 45W, 4000K)

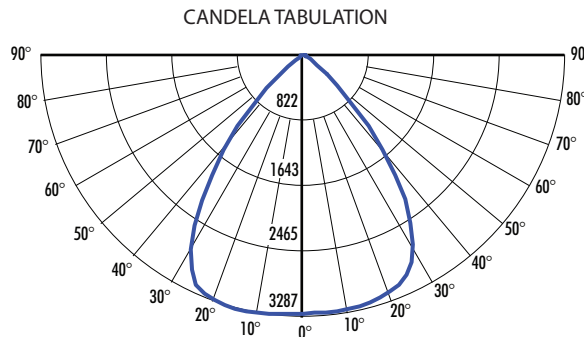
System Power:	45W	MULTIPLIERS
Test Date:	10/2023	REFLECTOR FINISH
Beam Angle 50%:	78.6°	CW : 1.00
Field Angle 10%:	103.4°	SS : 0.90
Color Temperature:	3917K	SW : 0.88
CRI:	83.3	WW : 0.81
Lumens Delivered:	4330	CCT
CBCP:	2894	2700K : 1.04
Power Factor:	0.99	3000K : 1.01
		3500K : 1.12
		4000K : 1.00



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

CRTR6LS3649CWUE-D10-TS40_HIGH (4900lm, 55W, 4000K)

System Power:	53W	MULTIPLIERS
Test Date:	10/2023	REFLECTOR FINISH
Beam Angle 50%:	78.6°	CW : 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
		4000K : 1.00



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