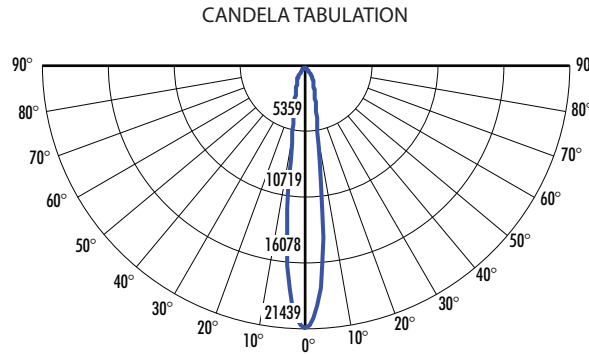


PHOTOMETRY

CH6QC40UE-D10_CR6QLC40WW-B15-T40 (4000lm, 40W, 15°, 4000K)

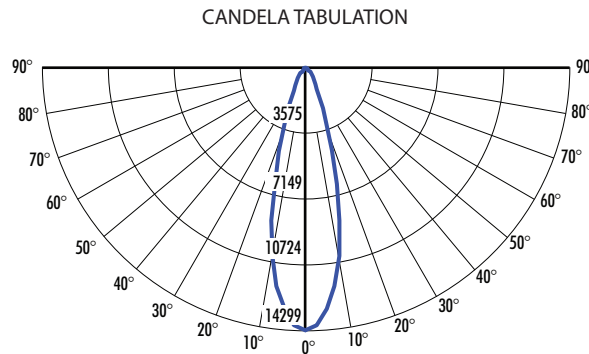
System Power:	44W	MULTIPLIERS	
Test Date:	01/2024	CCT	
Beam Angle 50%:	15.1°	2700K :	0.87
Field Angle 10%:	42.3°	3000K :	0.92
Color Temperature:	3881K	3500K :	0.96
CRI:	90	4000K :	1.00
Lumens Delivered:	4174	Lumens	
CBCP:	21439	1000lm:	0.27
Power Factor:	0.99	1500lm:	0.38
		2100lm:	0.53
		2800lm:	0.70
		4000lm:	1.00



FOOTCANDLE DISTRIBUTION		
Height	Beam Diameter	FC
8.0'	2.12'	334.17
10.0'	2.65'	213.87
12.0'	3.18'	148.52
14.0'	3.71'	109.12
16.0'	4.24'	83.54

CH6QC40UE-D10_CR6QLC40WW-B30-T40 (4000lm, 40W, 30°, 4000K)

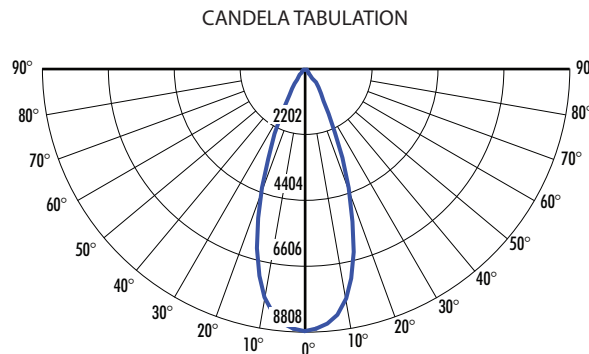
System Power:	44W	MULTIPLIERS	
Test Date:	01/2024	CCT	
Beam Angle 50%:	28.5°	2700K :	0.87
Field Angle 10%:	54.8°	3000K :	0.92
Color Temperature:	3938K	3500K :	0.96
CRI:	90	4000K :	1.00
Lumens Delivered:	4632	Lumens	
CBCP:	14299	1000lm:	0.27
Power Factor:	0.99	1500lm:	0.38
		2100lm:	0.53
		2800lm:	0.70
		4000lm:	1.00



FOOTCANDLE DISTRIBUTION		
Height	Beam Diameter	FC
8.0'	4.06'	222.90
10.0'	5.08'	142.65
12.0'	6.09'	99.07
14.0'	7.11'	72.78
16.0'	8.13'	55.72

CH6QC40UE-D10_CR6QLC40WW-B40-T40 (4000lm, 40W, 40°, 4000K)

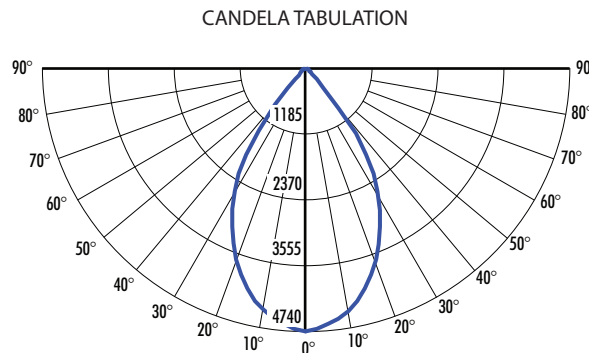
System Power:	44W	MULTIPLIERS	
Test Date:	01/2024	CCT	
Beam Angle 50%:	39.2°	2700K :	0.87
Field Angle 10%:	67.6°	3000K :	0.92
Color Temperature:	3948K	3500K :	0.96
CRI:	90	4000K :	1.00
Lumens Delivered:	4541	Lumens	
CBCP:	8808	1000lm:	0.27
Power Factor:	0.99	1500lm:	0.38
		2100lm:	0.53
		2800lm:	0.70
		4000lm:	1.00



FOOTCANDLE DISTRIBUTION		
Height	Beam Diameter	FC
8.0'	5.70'	137.31
10.0'	7.12'	87.88
12.0'	8.55'	61.02
14.0'	9.97'	44.83
16.0'	11.39'	34.33

CH6QC40UE-D10_CR6QLC40WW-B60-T40 (4000lm, 40W, 60°, 4000K)

System Power:	44W	MULTIPLIERS	
Test Date:	01/2024	CCT	
Beam Angle 50%:	63.0°	2700K :	0.87
Field Angle 10%:	85.0°	3000K :	0.92
Color Temperature:	3987K	3500K :	0.96
CRI:	90	4000K :	1.00
Lumens Delivered:	4655	Lumens	
CBCP:	4739.8	1000lm:	0.27
Power Factor:	0.99	1500lm:	0.38
		2100lm:	0.53
		2800lm:	0.70
		4000lm:	1.00



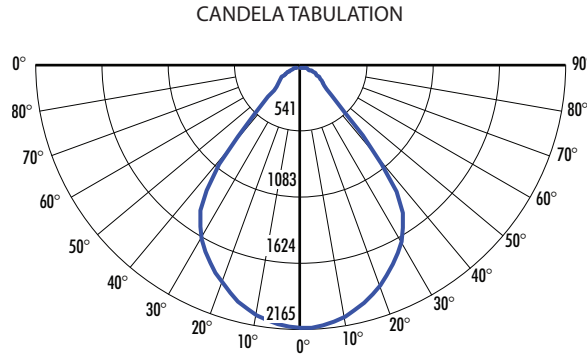
FOOTCANDLE DISTRIBUTION		
Height	Beam Diameter	FC
8.0'	9.80'	75.13
10.0'	12.26'	48.08
12.0'	14.71'	33.39
14.0'	17.16'	24.53
16.0'	19.61'	18.78

2024.02.02

PHOTOMETRY (Continued)

CH6QC40UE-D10_CR6QLC40WW-B80-T40 (4000lm, 40W, 80°, 4000K)

System Power:	44W	MULTIPLIERS
Test Date:	02/2024	CCT
Beam Angle 50%:	79.1°	2700K : 0.87
Field Angle 10%:	113.6°	3000K : 0.92
Color Temperature:	3748K	3500K : 0.96
CRI:	90	4000K : 1.00
Lumens Delivered:	3417	Lumens
CBCP:	2166	1000lm: 0.27
Power Factor:	0.99	1500lm: 0.38
		2100lm: 0.53
		2800lm: 0.70
		4000lm: 1.00



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	13.21'	33.84
10.0'	16.52'	22.66
12.0'	19.82'	15.04
14.0'	23.12'	11.05
16.0'	26.43'	8.46