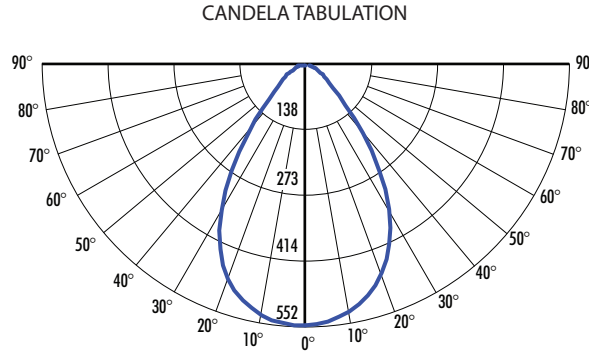


PHOTOMETRY

CH4Q08UE-D10_CR4QL17WW-T40 (800lm, 10W, 4000K)

System Power: 10W
 Test Date: 07/2024
 Beam Angle 50%: 69.5°
 Field Angle 10%: 114.1°
 Color Temperature: 3787K
 CRI: 82.8
 Lumens Delivered: 776
 CBCP: 551.9
 Power Factor: 0.99

MULTIPLIERS
 REFLECTOR FINISH
WW : 1.00
 SS : 0.89
 SW : 0.89
 BB : 0.52
 CCT
 2700K : 1.04
 3000K : 1.01
 3500K : 1.12
4000K : 1.00



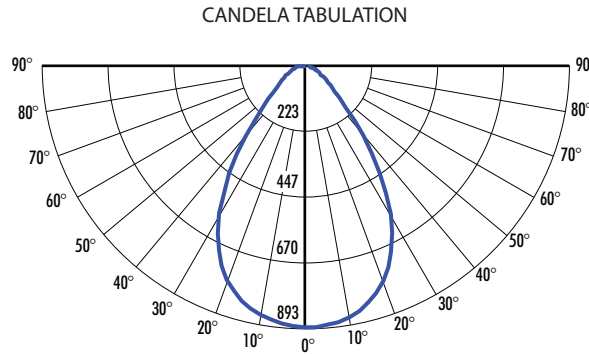
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	11.10'	8.62
10.0'	13.87'	5.52
12.0'	16.65'	3.83
14.0'	19.42'	2.82
16.0'	22.20'	2.16

CH4Q10UE-D10_CR4QL17WW-T40 (1300lm, 18W, 4000K)

System Power: 18W
 Test Date: 07/2024
 Beam Angle 50%: 70.1°
 Field Angle 10%: 115.6°
 Color Temperature: 3765K
 CRI: 82.3
 Lumens Delivered: 1287
 CBCP: 893.3
 Power Factor: 0.99

MULTIPLIERS
 REFLECTOR FINISH
WW : 1.00
 SS : 0.89
 SW : 0.89
 BB : 0.52
 CCT
 2700K : 1.04
 3000K : 1.01
 3500K : 1.12
4000K : 1.00



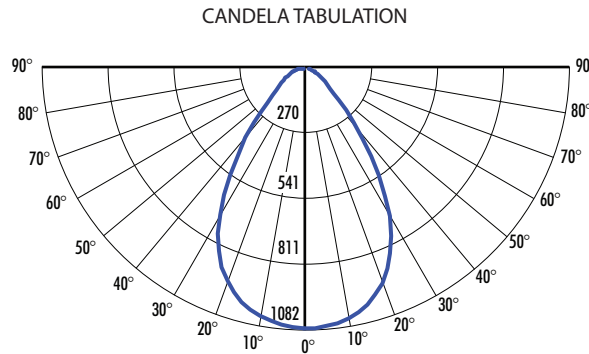
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	11.22'	13.96
10.0'	14.03'	8.93
12.0'	16.84'	6.20
14.0'	19.64'	4.56
16.0'	22.45'	3.49

CH4Q18UE-D10_CR4QL17WW-T40 (1600lm, 22W, 4000K)

System Power: 23W
 Test Date: 07/2024
 Beam Angle 50%: 70.0°
 Field Angle 10%: 115.6°
 Color Temperature: 3781K
 CRI: 82.2
 Lumens Delivered: 1561
 CBCP: 1081.8
 Power Factor: 0.99

MULTIPLIERS
 REFLECTOR FINISH
WW : 1.00
 SS : 0.89
 SW : 0.89
 BB : 0.52
 CCT
 2700K : 1.04
 3000K : 1.01
 3500K : 1.12
4000K : 1.00



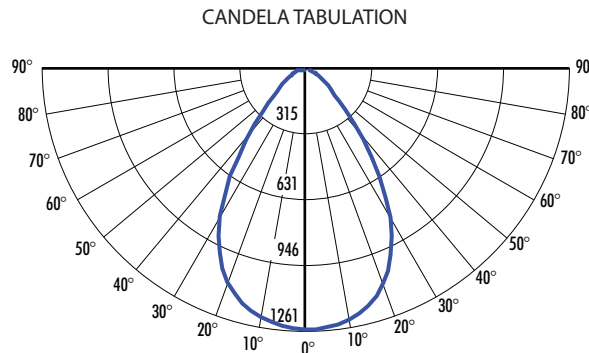
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	11.20'	16.90
10.0'	14.00'	10.82
12.0'	16.80'	7.51
14.0'	19.61'	5.52
16.0'	22.41'	4.23

CH4Q28UE-D10_CR4QL17WW-T40 (1800lm, 28W, 4000K)

System Power: 28W
 Test Date: 07/2024
 Beam Angle 50%: 70.1°
 Field Angle 10%: 115.5°
 Color Temperature: 3792K
 CRI: 82.1
 Lumens Delivered: 1818
 CBCP: 1261
 Power Factor: 0.99

MULTIPLIERS
 REFLECTOR FINISH
WW : 1.00
 SS : 0.89
 SW : 0.89
 BB : 0.52
 CCT
 2700K : 1.04
 3000K : 1.01
 3500K : 1.12
4000K : 1.00



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	11.22'	19.70
10.0'	14.03'	12.61
12.0'	16.84'	8.76
14.0'	19.64'	6.43
16.0'	22.45'	4.93

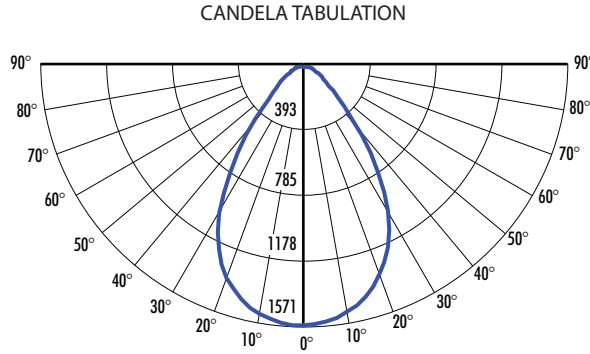
2024.07.15

PHOTOMETRY (Continued)

CH4Q29UE-D10_CR4QL30WW-T40 (2200lm, 25W, 4000K)

System Power: 25W
 Test Date: 07/2024
 Beam Angle 50%: 69.8°
 Field Angle 10%: 114.7°
 Color Temperature: 3850K
 CRI: 83.1
 Lumens Delivered: 2228
 CBCP: 1570.8
 Power Factor: 0.99

MULTIPLIERS
REFLECTOR FINISH
WW : 1.00
 SS : 0.89
 SW : 0.89
 BB : 0.52
CCT
 2700K : 1.04
 3000K : 1.01
 3500K : 1.12
4000K : 1.00



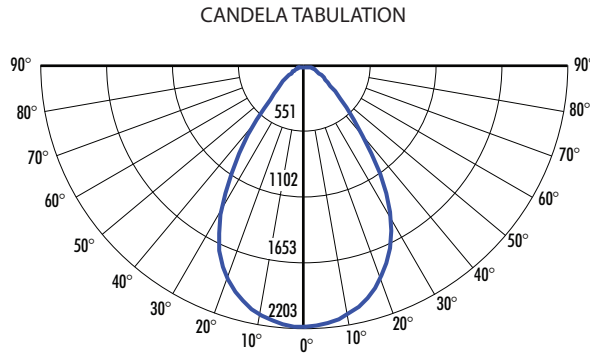
FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	11.16'	24.54
10.0'	13.95'	15.71
12.0'	16.74'	10.91
14.0'	19.53'	8.01
16.0'	22.32'	6.14

CH4Q30UE-D10_CR4QL30WW-T40 (2600lm, 30W, 4000K)

System Power: 30W
 Test Date: 07/2024
 Beam Angle 50%: 69.9°
 Field Angle 10%: 114.7°
 Color Temperature: 3864K
 CRI: 83.1
 Lumens Delivered: 2617
 CBCP: 1844.4
 Power Factor: 0.99

MULTIPLIERS
REFLECTOR FINISH
WW : 1.00
 SS : 0.89
 SW : 0.89
 BB : 0.52
CCT
 2700K : 1.04
 3000K : 1.01
 3500K : 1.12
4000K : 1.00



FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
8.0'	11.18'	28.82
10.0'	13.98'	18.44
12.0'	16.77'	12.81
14.0'	19.57'	9.41
16.0'	22.37'	7.20