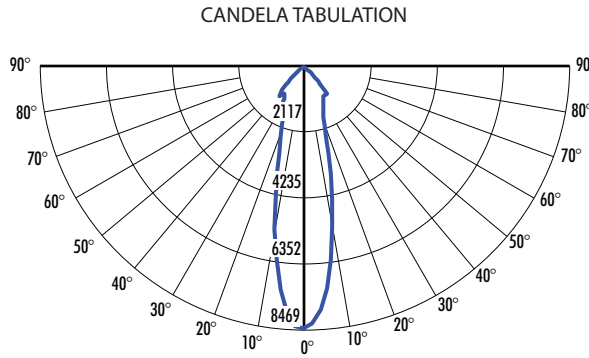


## PHOTOMETRY

### CRTR9LC32CW-B20-T35UE-D10 (4000lm, 40W, 20° Spot, 3500K)

System Power:	44W	MULTIPLIERS
Test Date:	10/2023	REFLECTOR FINISH
Beam Angle 50%:	24.9°	CW : 1.01
Field Angle 10%:	87.3°	SS : 0.99
Color Temperature:	3399K	<b>SW : 1.00</b>
CRI:	94.2	WW : 0.968
Lumens Delivered:	3700	CCT
CBCP:	8469.3	2700K : 0.91
Power Factor:	0.99	3000K : 0.97
		<b>3500K : 1.00</b>
		4000K : 1.04
		Lumens
		1000lm: 0.27
		1500lm: 0.37
		2000lm: 0.53
		2800lm: 0.71
		<b>4000lm: 1.00</b>

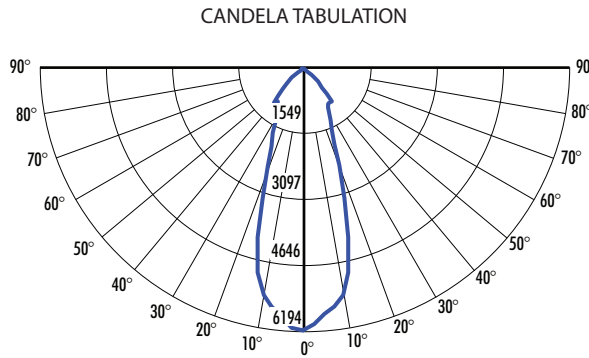


#### FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
12.0'	5.30'	58.81
14.0'	6.18'	43.21
16.0'	7.06'	33.08
18.0'	7.95'	26.14
20.0'	8.83'	21.17

### CRTR9LC32CW-B30-T35UE-D10 (4000lm, 40W, 30° Narrow Flood, 3500K)

System Power:	43W	MULTIPLIERS
Test Date:	10/2023	REFLECTOR FINISH
Beam Angle 50%:	36.0°	CW : 1.01
Field Angle 10%:	91.7°	SS : 0.99
Color Temperature:	3378K	<b>SW : 1.00</b>
CRI:	94.3	WW : 0.968
Lumens Delivered:	3752	CCT
CBCP:	6194.1	2700K : 0.91
Power Factor:	0.99	3000K : 0.97
		<b>3500K : 1.00</b>
		4000K : 1.04
		Lumens
		1000lm: 0.27
		1500lm: 0.37
		2000lm: 0.53
		2800lm: 0.71
		<b>4000lm: 1.00</b>

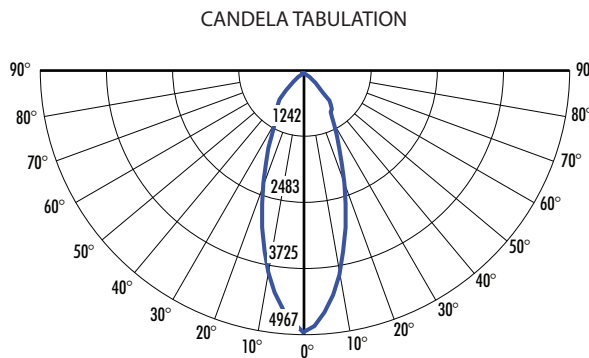


#### FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
12.0'	7.80'	43.01
14.0'	9.10'	31.60
16.0'	10.40'	24.20
18.0'	11.70'	19.12
20.0'	13.00'	15.49

### CRTR9LC32CW-B40-T35UE-D10 (4000lm, 40W, 40° Flood, 3500K)

System Power:	43W	MULTIPLIERS
Test Date:	10/2023	REFLECTOR FINISH
Beam Angle 50%:	37.0°	CW : 1.01
Field Angle 10%:	90.1°	SS : 0.99
Color Temperature:	3261K	<b>SW : 1.00</b>
CRI:	93.8	WW : 0.968
Lumens Delivered:	3018	CCT
CBCP:	4967.0	2700K : 0.91
Power Factor:	0.99	3000K : 0.97
		<b>3500K : 1.00</b>
		4000K : 1.04
		Lumens
		1000lm: 0.27
		1500lm: 0.37
		2000lm: 0.53
		2800lm: 0.71
		<b>4000lm: 1.00</b>

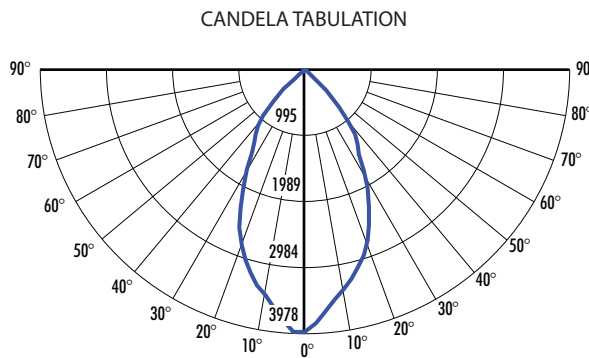


#### FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
12.0'	8.03'	34.49
14.0'	9.37'	25.34
16.0'	10.71'	19.40
18.0'	12.05'	15.33
20.0'	13.38'	12.42

### CRTR9LC32CW-B60-T35UE-D10 (4000lm, 40W, 60° Wide Flood, 3500K)

System Power:	43W	MULTIPLIERS
Test Date:	10/2023	REFLECTOR FINISH
Beam Angle 50%:	55.9°	CW : 1.01
Field Angle 10%:	93.7°	SS : 0.99
Color Temperature:	3310K	<b>SW : 1.00</b>
CRI:	93.8	WW : 0.968
Lumens Delivered:	2104	CCT
CBCP:	3978.1	2700K : 0.91
Power Factor:	0.99	3000K : 0.97
		<b>3500K : 1.00</b>
		4000K : 1.04
		Lumens
		1000lm: 0.27
		1500lm: 0.37
		2000lm: 0.53
		2800lm: 0.71
		<b>4000lm: 1.00</b>



#### FOOTCANDLE DISTRIBUTION

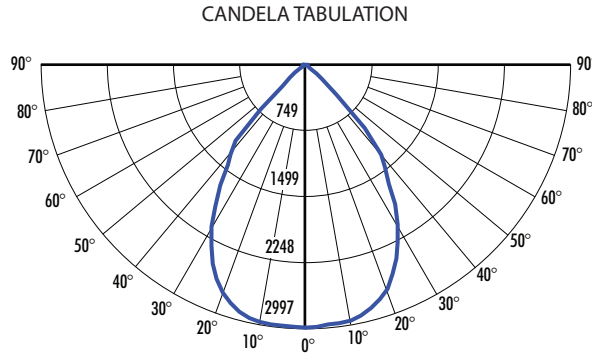
Height	Beam Diameter	FC
12.0'	12.73'	27.63
14.0'	14.86'	20.30
16.0'	16.98'	15.54
18.0'	19.10'	12.28
20.0'	21.22'	9.95

2023.10.11

## PHOTOMETRY (Continued)

### CRTR9LC32CW-B75-T35UE-D10 (4000lm, 40W, 75° Very Wide Flood, 3500K)

System Power:	43W	<b>MULTIPLIERS</b>
Test Date:	10/2023	<b>REFLECTOR FINISH</b>
Beam Angle 50%:	74.2°	CW : 1.01
Field Angle 10%:	96.2°	SS : 0.99
Color Temperature:	3351K	<b>SW : 1.00</b>
CRI:	94.0	WW : 0.968
Lumens Delivered:	3900	<b>CCT</b>
CBCP:	2997.3	2700K : 0.91
Power Factor:	0.99	3000K : 0.97
		<b>3500K : 1.00</b>
		4000K : 1.04
		<b>Lumens</b>
		1000lm: 0.27
		1500lm: 0.37
		2000lm: 0.53
		2800lm: 0.71
		<b>4000lm: 1.00</b>



### FOOTCANDLE DISTRIBUTION

Height	Beam Diameter	FC
12.0'	18.15'	20.81
14.0'	21.18'	15.29
16.0'	24.20'	11.71
18.0'	27.23'	9.25
20.0'	30.25'	7.49

2023.10.11