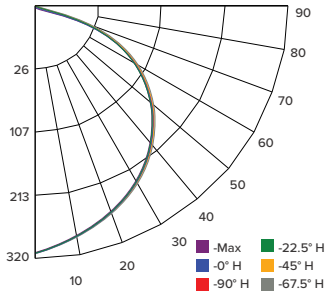
LED REFLECTOR INSERTS

PHOTOMETRIC REPORT

Product #: EL415CT5 @3000K
Wattage / Lumens: 10.2W / 778.7 lm
Luminaire LPW: 76.3 lm/W



CANDLE POWER SUMMARY

Degress Vertical	0°
0	311
5	308
15	293
25	267
35	228
45	179
55	126
65	71
75	21
85	2
90	0

ILLUMINANCE AT A DISTANCE

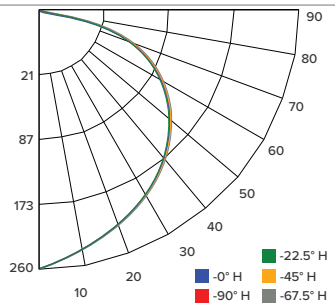
Distance to Target Plane	Center Beam Footcandles	Beam Diemeter
4′	19.5	10.1′
6′	8.65	15.2′
8′	4.87	20.3′
10′	3.11	25.3′

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	239.7	30.8
0-40°	388.3	49.9
0-60°	658.5	84.6
0-90°	778.5	100

PHOTOMETRIC REPORT

Product #: EL416CT5 @3000K
Wattage / Lumens: 7.9W / 675.4 lm
Luminaire LPW: 85.49 lm/W



CANDLE POWER SUMMARY

Degress Vertical	0°
0	256
5	254
15	242
25	219
35	187
45	152
55	114
65	77
75	43
85	12
90	1

ILLUMINANCE AT A DISTANCE

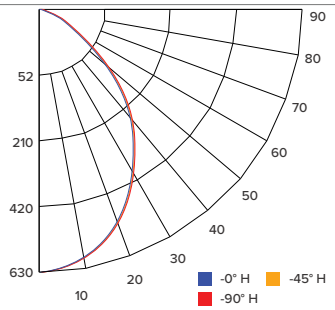
Distance to Target Plane	Center Beam Footcandles	Beam Diemeter
4′	16.0	10.1′
6′	7.12	15.1′
8′	4.01	20.1′
10′	2.56	25.2′

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	194.5	28.8
0-40°	313.2	46.4
0-60°	534.8	79.2
0-90°	672.2	99.5

PHOTOMETRIC REPORT

Product #: EL427CT5-12.5W
Wattage / Lumens: 11.9 W / 1033.8 lm
Luminaire LPW: 86.8 lm/W



CANDLE POWER SUMMARY

Degress Vertical	0°
0	624
5	622
15	587
25	513
35	397
45	252
55	127
65	45
75	5
85	0
90	0

ILLUMINANCE AT A DISTANCE

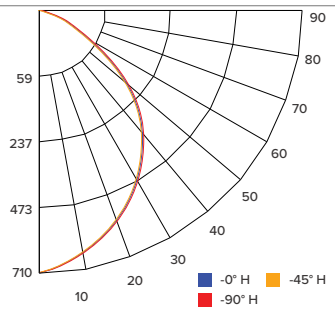
Distance to Target Plane	Center Beam Footcandles	Beam Diemeter
4′	39.0	6.6′
6′	17.3	10.0′
8′	6.24	13.3′
10′	4.23	16.6′

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	447.5	43.4
0-40°	681.4	66.1
0-60°	973.9	94.5
0-90°	1,028.1	99.7

PHOTOMETRIC REPORT

Product #: EL427CT5-16W
Wattage / Lumens: 15.4 W / 1169 lm
Luminaire LPW: 75.9 lm/W



CANDLE POWER SUMMARY

Degress Vertical	0°
0	705
5	703
15	663
25	627
35	448
45	285
55	143
65	51
75	6
85	0
90	0

ILLUMINANCE AT A DISTANCE

Distance to Target Plane	Center Beam Footcandles	Beam Diemeter
4′	44.0	6.6′
6′	19.6	9.9′
8′	11.04	13.2′
10′	7.05	16.5′

ZONAL LUMEN SUMMARY

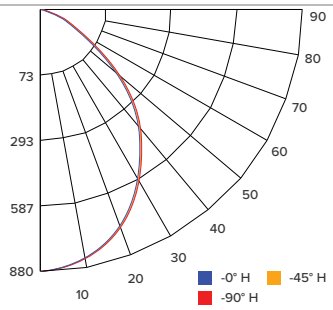
Zone	Lumens	%Luminaire
0-30°	505.7	43.4
0-40°	770.0	66.1
0-60°	1,100.8	94.4
0-90°	1,162.2	99.7

2042 E. Vernon Ave., Vernon, CA 90058 • Tel (323) 231-2600 Fax (323) 231-3200 • elcolighting.com
© ELCO Lighting 2024. All rights reserved • Rev. 21 Dec 2023 • ELCO Lighting reserves the right to make specification and design changes without notice.

LED REFLECTOR INSERTS

PHOTOMETRIC REPORT

Product #: EL427CT5-18W
Wattage / Lumens: 17.8 W / 1454.5 lm
Luminaire LPW: 81.7 lm/W



CANDLE POWER SUMMARY

Degress Vertical	0°
0	876
5	873
15	824
25	721
35	558
45	355
55	179
65	63
75	8
85	0
90	0

ILLUMINANCE AT A DISTANCE

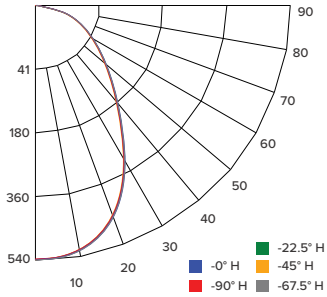
Distance to Target Plane	Center Beam Footcandles	Beam Diemeter
4′	54.7	6.6′
6′	24.3	9.9′
8′	13.7	13.2′
10′	8.76	16.5′

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	628.5	43.3
0-40°	957.0	66
0-60°	1,368.4	94.3
0-90°	1,445.4	99.6

PHOTOMETRIC REPORT

Product #: EL434CT5W (2700K)
Wattage / Lumens: 9.04044W / 910 lm
Luminaire LPW: 100 lm/W



CANDLE POWER SUMMARY

Degress Vertical	0°
0	536
5	534
15	505
25	426
35	307
45	197
55	121
65	67
75	34
85	1
90	0

ILLUMINANCE AT A DISTANCE

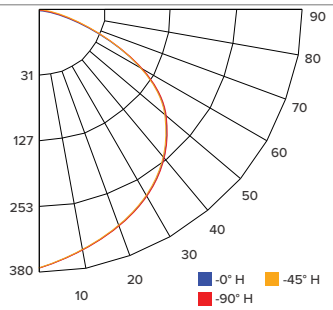
Distance to Target Plane	Center Beam Footcandles	Beam Diemeter
4′	33.5	6.0′
6′	14.9	9.0′
8′	8.38	12.0′
10′	5.36	14.9′

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	381.5	41.9
0-40°	567.5	62.4
0-60°	813.4	89.4
0-90°	909.9	100

PHOTOMETRIC REPORT

Product #: EL615CT5W @3000K
Wattage / Lumens: 11.86W / 906.4 lm
Luminaire LPW: 76.4 lm/W



CANDLE POWER SUMMARY

Degress Vertical	0°
0	372
5	369
15	353
25	324
35	280
45	222
55	158
65	92
75	31
85	4
90	0

ILLUMINANCE AT A DISTANCE

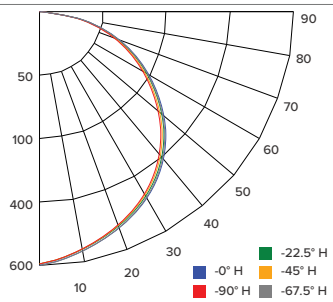
Distance to Target Plane	Center Beam Footcandles	Beam Diemeter
4′	23.2	9.8′
6′	10.3	14.8′
8′	5.81	19.7′
10′	3.72	24.6′

ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	284.0	31.4
0-40°	458.7	50.7
0-60°	772.0	85.3
0-90°	904.3	99.9

PHOTOMETRIC REPORT

Product #: EL627CT5W @3000K
Wattage / Lumens: 19.99W / 1478 lm
Luminaire LPW: 73.9 lm/W



CANDLE POWER SUMMARY

Degress Vertical	0°
0	589
5	586
15	565
25	522
35	457
45	370
55	268
65	160
75	56
85	7
90	0

ILLUMINANCE AT A DISTANCE

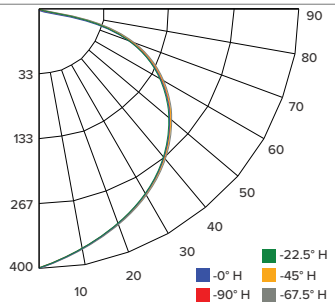
Distance to Target Plane	Center Beam Footcandles	Beam Diemeter
4′	36.8	10.3′
6′	16.4	15.4′
8′	9.20	20.6′
10′	5.89	25.7′

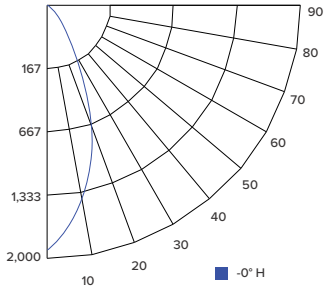
ZONAL LUMEN SUMMARY

Zone	Lumens	%Luminaire
0-30°	456.0	30.9
0-40°	741.1	50.1
0-60°	1,261.2	85.3
0-90°	1,478.0	100

© ELCO Lighting 2024. All rights reserved • Rev. 21 Dec 2023 • ELCO Lighting reserves the right to make specification and design changes without notice.

LED REFLECTOR INSERTS

PHOTOMETRIC REPORT	CANDLE POWER SUMMARY		ILLUMINANCE AT A DISTANCE		
Product #: EL616CT5 @3000K Wattage / Lumens: 11.7W / 1048 lm Luminaire LPW: 89.57 lm/W	Degress Vertical	0°	Distance to Target Plane	Center Beam Footcandles	Beam Diemeter
	0	392	4′	24.5	10.3′
	5	387	6′	10.9	15.5′
	15	367	8′	6.12	20.7′
	25	333	10′	3.92	25.9′
	35	285	ZONAL LUMEN SUMMARY		
	45	231			
	55	175	Zone	Lumens	%Luminaire
	65	118			
	75	65	0-30°	297.1	28.3
	85	22	0-40°	479.3	45.7
	90	3	0-60°	824.3	78.6
			0-90°	1,045.0	99.7

PHOTOMETRIC REPORT	CANDLE POWER SUMMARY		ILLUMINANCE AT A DISTANCE		
Product #: EL44730 (36° lens) Wattage / Lumens: 13W / 935.7 lm Luminaire LPW: 71.9 lm/W	Degress Vertical	0°	Distance to Target Plane	Center Beam Footcandles	Beam Diemeter
	0	1935	4′	121	2.6′
	5	1818	6′	53.7	3.9′
	15	1219	8′	30.2	5.2′
	25	503	10′	19.3	6.5′
	35	145	ZONAL LUMEN SUMMARY		
	45	45			
	55	15	Zone	Lumens	%Luminaire
	65	7			
	75	3	0-30°	728.7	82
	85	2	0-40°	824.2	92.7
	90	1	0-60°	875.6	98.5
			0-90°	888.7	100

© ELCO Lighting 2024. All rights reserved • Rev. 21 Dec 2023 • ELCO Lighting reserves the right to make specification and design changes without notice.