

KUZCO LIGHTING

LUMINAIRE PHOTOMETRIC REPORT

Filename: WS16811R-WH - Dorchester

Manufacturer: KUZCO LIGHTING

Luminaire: WALL MOUNT/Headboard

Luminaire Cat: WS16811R-WH

Lamp: DC LED Backlight w/ Driver + DC LED COB Spotlight w/Driver

Lamp Cat: Unknown

Ballast Desc: IN1: 100-240VAC, 0.185A, OUT1: 3-12VDC, 0.7A,6W; IN2: 100-240VAC, 0.22A OUT2:12VDC, 0.83A 10W

Ballast Cat: ES LD-CU7006AF + ES LDVU8312AF

Lamp Output: Total luminaire Lumens: 810.5

Max Candela: 172.4 at Horizontal: 32.5°, Vertical: 105°

Input Wattage: 16.1

Luminous Opening: Rectangle (L: 19.69", W: 9.84")

Test: 1367-19

Test Date: 21 October 2019

Test Lab: KUZCO LIGHTING

Photometry : Type C

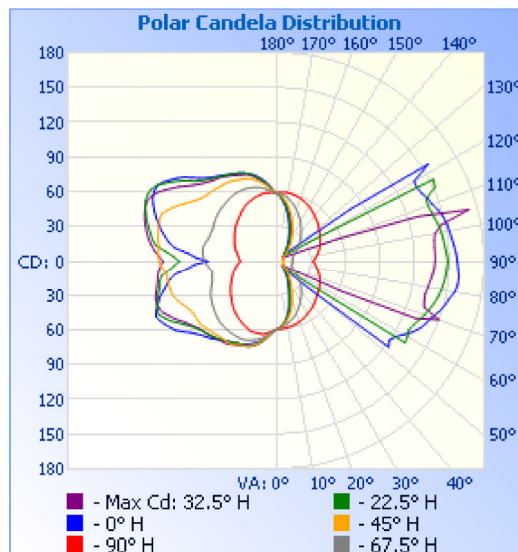
CIE Class: General Diffuse

Cutoff Class: Noncutoff

Nema Type: 4 X 5

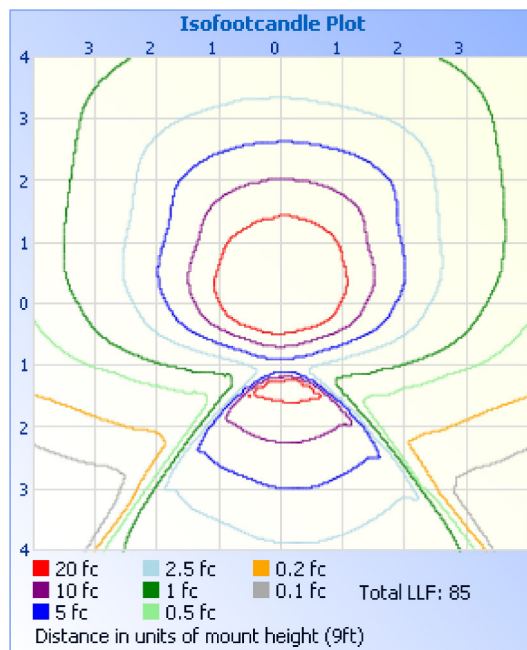
Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	48.9	6%
0-40	81.8	10.1%
0-60	175.5	21.7%
60-90	228.0	28.1%
70-100	237.8	29.3%
90-120	232.6	28.7%
0-90	403.5	49.8%
90-180	407.0	50.2%
0-180	810.5	100%



Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	5.8	0.7%	90-100	80.5	9.9%
10-20	17.1	2.1%	100-110	80.0	9.9%
20-30	26.0	3.2%	110-120	72.1	8.9%
30-40	32.9	4.1%	120-130	52.6	6.5%
40-50	38.9	4.8%	130-140	40.0	4.9%
50-60	54.8	6.8%	140-150	33.3	4.1%
60-70	70.7	8.7%	150-160	26.0	3.2%
70-80	78.0	9.6%	160-170	16.8	2.1%
80-90	79.4	9.8%	170-180	5.7	0.7%



	Center Beam fc	Beam Width
1.5ft	26.5 fc	2.0 ft 1.2 ft
3.0ft	6.63 fc	4.1 ft 2.4 ft
4.5ft	2.95 fc	6.1 ft 3.6 ft
6.0ft	1.66 fc	8.1 ft 4.8 ft
7.5ft	1.06 fc	10.1 ft 6.0 ft
9.0ft	0.74 fc	12.2 ft 7.2 ft

Vert. Spread: 68.1°
Horiz. Spread: 43.4°