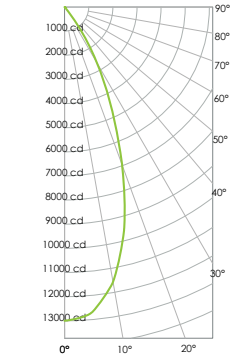


SGE8BX-80L35K-MD-DO101-AR8BX-MWWF

CANDLEPOWER CURVE



Delivered Lumens: 6,448
Luminaire Watts: 60
LER: 107.47

INTENSITY

0.00°	
0.00°	13,001
5.00°	12,723
10.00°	11,564
15.00°	9,530
20.00°	6,967
30.00°	2,709
40.00°	59
50.00°	25
60.00°	15
70.00°	10
80.00°	2
90.00°	1

CP at 0deg (Nadir): 13,001
CRI: 80

ZONAL LUMENS

0° - 10°	1,173	18%
0° - 20°	3,670	57%
0° - 30°	5,688	88%
0° - 40°	6,380	99%
0° - 60°	6,431	100%
0° - 80°	6,446	100%
0° - 90°	6,448	100%
Total	6,448	100%

SINGLE UNIT: PERFORMANCE
INITIAL FOOTCANDLES
BASED ON IES BEAM ANGLE

Mounting Height AFF	FC at Center on Floor	Beam Diameter	FC at Beam Edge
6.0 '	361 fc	4.6 '	180 fc
8.0 '	203 fc	6.1 '	101 fc
10.0 '	130 fc	7.7 '	65 fc
12.0 '	90 fc	9.2 '	45 fc
14.0 '	66 fc	10.8 '	33 fc
16.0 '	51 fc	12.3 '	25 fc
20.0 '	33 fc	15.4 '	16 fc
24.0 '	23 fc	18.4 '	11 fc

Beam Angle: 40.7
Spacing Ratio: 0.67

MULTIPLE UNITS: PERFORMANCE
80/50/20% REFLECTANCES
INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT

Ceiling Height	Fixture Spacing	RCR 3		RCR 5	
		FC +	W/Sq. Ft.	FC +	W/Sq. Ft.
14'	8' *	102	0.96	64	0.66
18'	10' **	79	0.74	71	0.74
22'	12' ***	47	0.44	42	0.44
Delivered Illuminance Rating: (DIR)		106 FC per W/Sq. Ft.		96 FC per W/Sq. Ft.	
2' Suspension Length Square rooms used for multiple units: - RCR 3: Length & Width = Ceiling Ht. - 4.5' x 3.33 - RCR 5: Length & Width = Ceiling Ht. - 4.5' x 2.00 + Average Footcandles at 2.5' Above Floor * Exceeds spacing criteria by 26% ** Exceeds spacing criteria by 11% *** Exceeds spacing criteria by 2%					

Lamp Multiplier: 60L x 0.76, 70L x 0.86
CCT Multiplier: CCT Output: 27K x 0.932, 30K x 1.00, 40K x 1.01