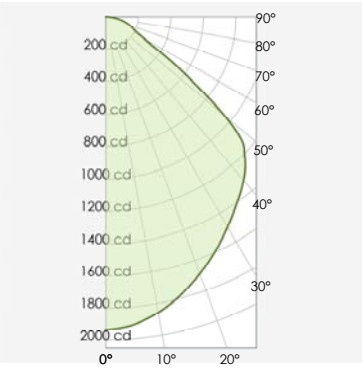
HD24GV-55L-35K-EX-MWI-xx

CANDLEPOWER CURVE



Delivered Lumens: 4,056
Luminaire Watts: 39
LER: 104.00

INTENSITY

	0.00°
0.00°	1,936
5.00°	1,913
10.00°	1,856
15.00°	1,780
20.00°	1,688
25.00°	1,593
30.00°	1,495
40.00°	1,315
50.00°	953
60.00°	264
70.00°	152
80.00°	71
90.00°	1

CP at 0deg (Nadir): 1,936
CRI: 85+

ZONAL LUMENS

0° - 10°	183	5%
0° - 20°	684	17%
0° - 30°	1,419	35%
0° - 40°	2,302	57%
0° - 60°	3,711	92%
0° - 80°	4,025	99%
0° - 90°	4,056	100%
Total	4,056	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 '	54 fc	14.3 '	21 fc
8.0 '	30 fc	19.1 '	12 fc
10.0 '	19 fc	23.8 '	8 fc
12.0 '	13 fc	28.6 '	5 fc
14.0 '	10 fc	33.4 '	4 fc
16.0 '	8 fc	38.1 '	3 fc
20.0 '	5 fc	47.7 '	2 fc
24.0 '	3 fc	57.2 '	1 fc

Beam Angle: 100.04
Spacing Ratio: 1.15

MULTIPLE UNITS: PERFORMANCE

80/50/20% REFLECTANCES
INITIAL FOOTCANDLES AND WATTS PER SQUARE FOOT

Ceiling Height	Fixture Spacing	RCR 2		RCR 4	
		FC +	W/Sq. Ft.	FC +	W/Sq. Ft.
14'	12' *	27	0.28	22	0.28
18'	14' **	21	0.21	11	0.14
22'	16' ***	12	0.13	14	0.18
Delivered Illuminance Rating: (DIR)		98 FC per W/Sq. Ft.		79 FC per W/Sq. Ft.	

2' Suspension Length
Square rooms used for multiple units:
- RCR 2: Length & Width = Ceiling Ht. -4.5' x 5.00
- RCR 4: Length & Width = Ceiling Ht. - 4.5' x 2.50

+ Average Footcandles at 2.5' Above Floor
* Exceeds spacing criteria by 10%
** Exceeds spacing criteria by -10%
*** Exceeds spacing criteria by -20%