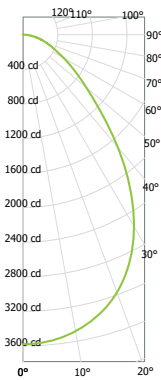


TWH4FX 70L 35K xx MW

CANDLEPOWER CURVE
TEST SP-01254



INTENSITY
CANDELA
0° AZIMUTH

	0°
0°	3580
20°	3170
40°	1706
60°	542
80°	125
90°	6
100°	1
120°	2
140°	3
160°	3
180°	3

ZONAL LUMENS

0° - 10°	341	6%
0° - 30°	2559	42%
0° - 60°	5365	89%
90° - 120°	6	0%
90° - 150°	10	0%
0° - 90°	6038	100%
90° - 180°	12	0%
Total	6051	100%

SINGLE UNIT: PERFORMANCE
DIRECT FOOTCANDLES
BASED ON DOWNLIGHT ONLY

Mounting Height AFF	FC at Center on Floor	Beam Diameter	FC at Beam Edge
8 '	56 fc	12.4 '	13 fc
10 '	36 fc	15.4 '	8 fc
12 '	25 fc	18.5 '	6 fc
14 '	18 fc	21.6 '	4 fc
16 '	14 fc	24.7 '	3 fc
20 '	9 fc	30.9 '	2 fc
24 '	6 fc	37.1 '	1 fc
28 '	5 fc	43.3 '	1 fc

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'	10'	51	0.48	60	0.69
18'	12'	39	0.36	32	0.36
22'	16'	24	0.22	19	0.22
Delivered Illuminance Rating: [DIR]		106 FC per W/Sq. Ft.		87 FC per W/Sq. Ft.	
1' Suspension Length to luminous aperture Square rooms used for multiple units: RCR 2: Length & Width = Ceiling Ht. - 3.5' x 5.00 RCR 4: Length & Width = Ceiling Ht. - 3.5' x 2.50 + Average Footcandles at 2.5' Above Floor					

Delivered Lumens: 6051
Luminaire Watts: 53.2
LER: 113.74

CP at 0° (Nadir): 3580
CRI: 80+

Beam Angle: 79°
Spacing Ratio: 1.09

Lumen Multiplier: 20L x 0.29, 30L x 0.43, 40L x 0.57, 50L x 0.71, 60L x 0.86
CCT Multiplier: 30K x 1.0, 40K x 1.08

See Page 1 for System Watts for all outputs