

Series VDP8-DM-XXE

Linear LED Pendant



PRODUCT DESCRIPTION

The suspended 8"x8FT Up/down LED Luminaire is a commercial pendant lighting fixture. The unique design is nearly transparent when off and excellent uniformity and efficiency when on. 4mm thick acrylic optical light guide coupled with high efficacy LEDs, precisely control optimal direct indirect light distributions between the direct surfaces below and the ambient area above the fixture, making the illusion of the light floating in mid-air. Internal constant current driver can be easy to replaceable with 0-10V dimming input, step dimming option is available. Universal (UNV) voltage is from 100 - 277V, 50/60 Hz. LED color is available in 3000K, 3500K, 4000K and 5000K with CRI of 80. MOUNTING Pendant, can support individual or continuous run. Tunable white function is available in 3000K,3500K and 4000K by switch.

PERFORMANCE SUMMARY

Efficacy: 105LPW
Delivered Light Output: 8400Lumens
Input Power: 80Watts
CRI: Ra>80
DLC CCT Options: 3500K/4000K/5000K
Input Voltage: 100-277V AC
Input current: 0.43A
THD:<20%
Power Factor: >0.9
Driver: Internal & Replaceable
Driver output: DC30-42V,0.88A
Standard Warranty: 5 Years
Standard Lifetime: Designed to L70 minimum 50,000 hours
Mounting: Suspended
Continuous Runs: Support to connect 4pcs together in 120V AC and 10pcs in 277V AC
Dimming: Available 0-10v dimming and step dimming (100%,50%,10%)
Signal Current: <2mA
Recommended Dimmers: DIVA-DVTV (LUTRON), IP-710-DL (LEVITON)
Dimensions: L 94.48" x W 7.87" x H 0.94"

Fixture measurement and weight are round up, pls contact your OKT representative for exact data.

REGULATORY & VOLUNTARY QUALIFICATIONS

ETL	Yes
DLC	Yes
LM79 Report	Yes
Damp rated	Yes

ORDER INFORMATION

EXAMPLE: DP8-DM-35E

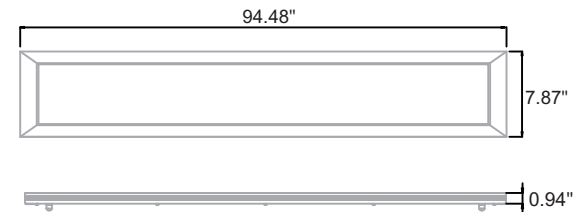
Product category	Size	Dimming	Fixture wattage	CCT	Type
VDP	8=8FT	D=0-10v Dimming	M=80W	30=3000k 35=3500k 40=4000k 50=5000k	E=45% Uplight , 50% Downlight (105 lm/w) T=Tunable White (90 lm/w)

Up/Down

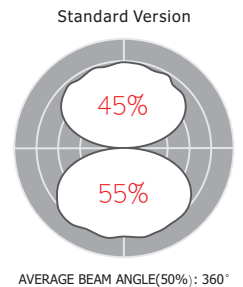
8"x8FT LED Luminaires



DIMENSIONS



▼ Light Distribution

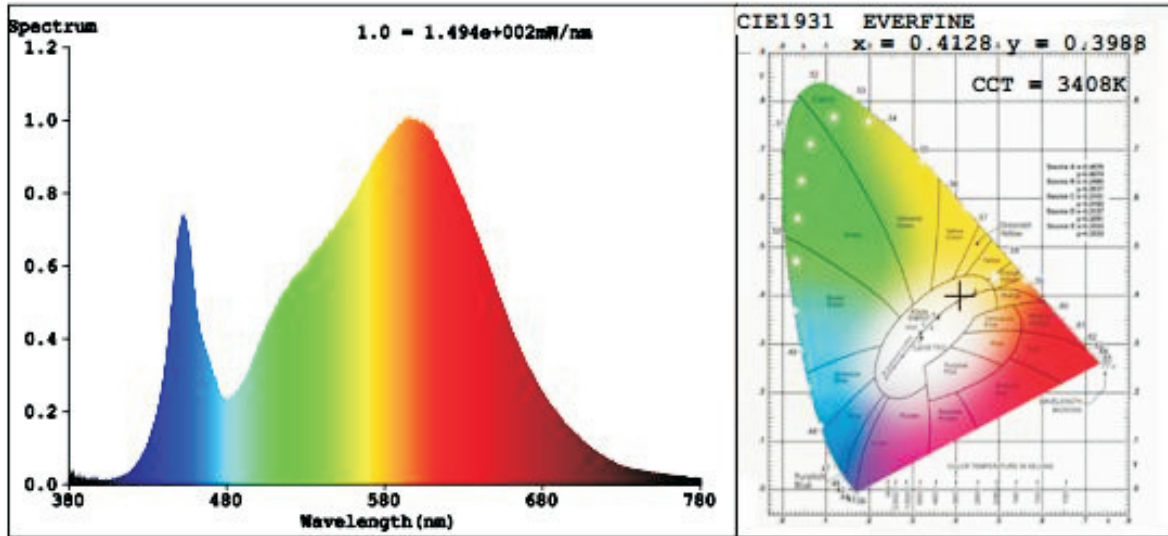


▼ Internal Driver

Can be replaceable, easy to maintain



SPECTRAL POWER DISTRIBUTION & CHROMATICITY DIAGRAM

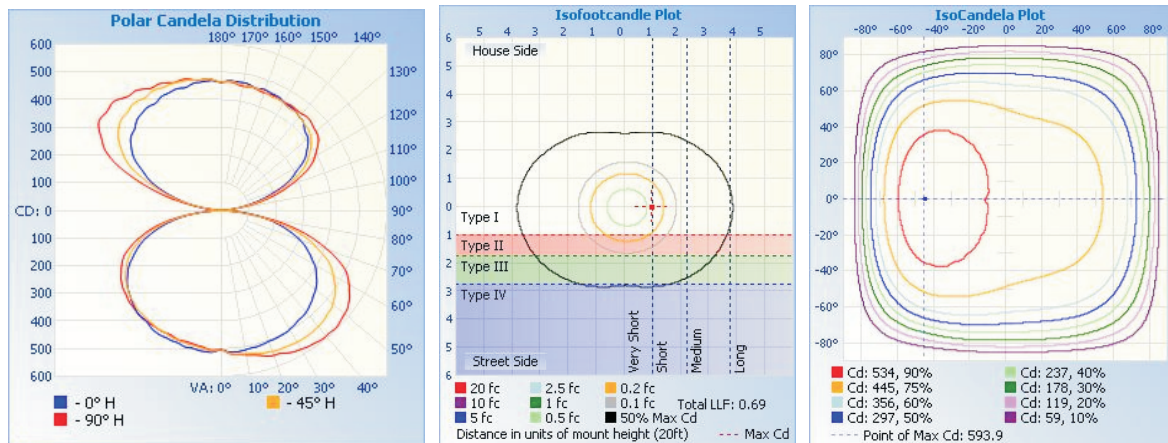


ZONAL LUMEN TABULATION

Zonal Lumen Summary		
Zone	Lumens	%Luminaire
0-30	433.6	10.2%
0-40	755.0	17.7%
0-60	1,551.3	36.5%
60-90	720.3	16.9%
70-100	369.5	8.7%
90-120	547.7	12.9%
0-90	2,271.6	53.4%
90-180	1,892.9	46.6%
0-180	4,254.5	100%

Lumens Per Zone					
Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	49.0	1.2%	90-100	32.9	0.8%
10-20	145.9	3.4%	100-110	186.5	4.4%
20-30	238.7	5.6%	110-120	328.3	7.7%
30-40	321.4	7.6%	120-130	382.2	9%
40-50	384.0	9.0%	130-140	359.3	8.4%
50-60	412.3	9.7%	140-150	296.7	7%
60-70	383.6	9.0%	150-160	218.7	5.1%
70-80	266.8	6.3%	160-170	133.5	3.1%
80-90	69.8	1.6%	170-180	44.9	1.1%

PHOTOMETRIC DATA



Height	Illuminance at a Distance	
	Center Beam fc	Beam Width
17.0ft	1.74 fc	77.5 ft 118.3 ft
34.0ft	0.44 fc	155.0 ft 236.7 ft
51.0ft	0.19 fc	232.5 ft 355.0 ft
68.0ft	0.11 fc	310.0 ft 473.3 ft
85.0ft	0.07 fc	387.5 ft 591.6 ft
102.0ft	0.05 fc	464.9 ft 710.0 ft

Vert. Spread: 132.6°
Horiz. Spread: 147.9°