

GENERAL DESCRIPTION

LED luminaire for recessed, surface or suspended installation with optional **Mounting Box** and v-hooks, consult factory. Featuring a low profile with high performance, using the most advanced LED technology by delivering up to 130lm/W without glare. Diffuser in frosted, opal PMMA. Body made of aluminum extrusion, incorporating light thermal management with passive cooling. Ideal for commercial environments.

CERTIFICATION

Approved to UL1598 and CSA C22.2 No. 250 standards**
Suitable for damp locations.



*LED Five (5) year limited warranty.

**Operating temperature: -20°C to +35°C / -4°F to +95 °F, consult factory for operating temperatures outside the listed range.

***Not all available products are DLC qualified. View DLC Qualified Products List at designlights.org to confirm which versions are qualified.

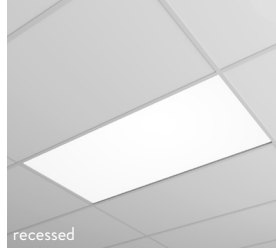
Specifications are subject to change. Please confirm latest specifications prior to placing order.

PERFORMANCE SUMMARY 14G & 22G AT 4000K

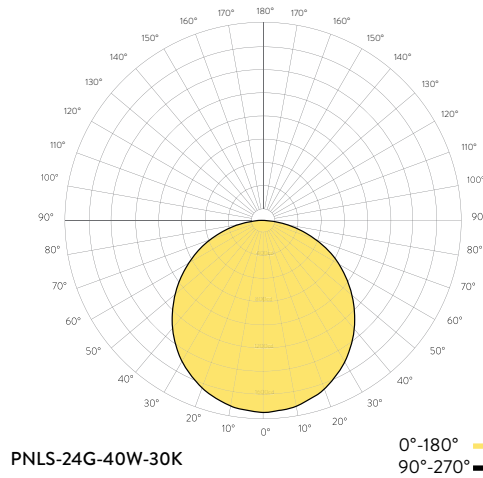
LUMENS(lm)	WATTAGE(W)	EFFICACY(lm/W)
2340	20	117
3420	30	114
4480	40	112

PERFORMANCE SUMMARY 24G AT 4000K

LUMENS(lm)	WATTAGE(W)	EFFICACY(lm/W)
3630	30	121
4720	40	118
5200	50	115



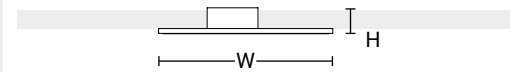
PHOTOMETRIC DATA



DIMENSIONS

SIZE	L	W	H
14G	4'	1'	0.40"
22G	2'	2'	0.40"
24G	4'	2'	0.40"

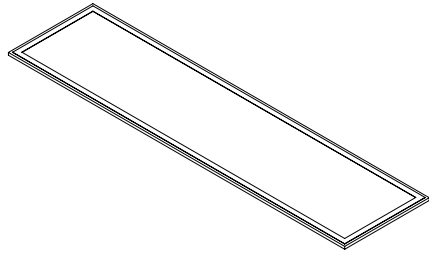
MOUNTING / CROSS SECTION



ORDERING INFORMATION

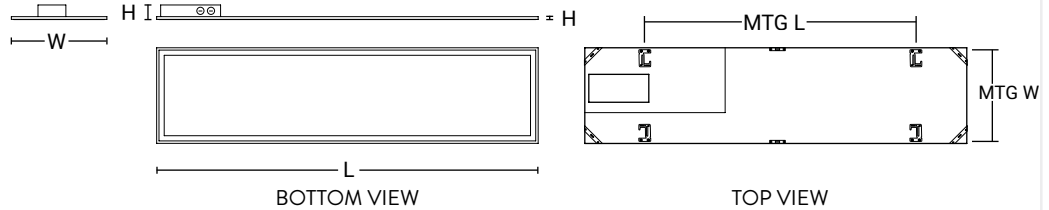
PNLS				VV	MV3
FIXTURE	SIZE	WATTAGE	CCT	OPTIONS	DRIVER
PNLS = Panel S	14G = 1' x 4'	36W = 36 Watts (ADJUSTABLE 20W, 30W, 36W)	35K = 3500K (ADJUSTABLE 30K-35K-40K)	VV = Variable Wattage, Variable CCT	MV3 = 120V-347V Dimming (0-10V)
	22G = 2' x 2'				
	24G = 2' x 4'	50W = 50 Watts (ADJUSTABLE 30W, 40W, 50W)			





DIMENSIONS

SIZE	L	W	H	H1 (including driver)	MTG L	MTG W
14G	4'	1'	0.40"	1.75"	43.25"	11.00"
22G	2'	2'	0.50"	1.75"	19.00"	22.75"
24G	4'	2'	0.50"	1.75"	37.00"	22.75"



SHIELDING

Impressive uniformity of light distribution with a high transmittance factor. Diffuser in frosted, opal PMMA.

CONSTRUCTION

Made of aluminum extrusion, incorporating light thermal management with passive cooling. **Mounting Box** available for surface or suspended installations, consult factory.

FINISH

High gloss white polyester baked powder coat enamel. Custom colours available for **Mounting Box**, consult factory.



LED LIGHT ENGINE

Mounted on internal high reflectance white painted reflector.

LED DRIVER

1% Dimming (0-10V).

ELECTRICAL

3000K 3500K 4000K 4500K 5000K

120V - 347V

L80 performance at 60,000 hours minimum. 80 CRI Standard. Other dimming options, lumen options, 90CRI and lengths available, consult factory.

CERTIFICATION

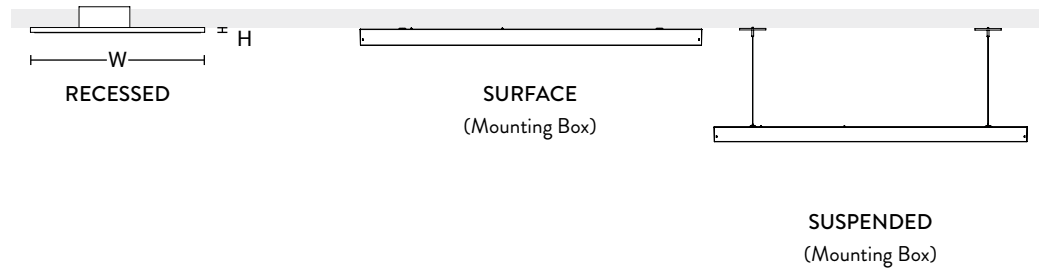
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MOUNTING / CROSS SECTION

Recessed, surface or suspended installation with optional surface mount box and v-hooks, consult factory.

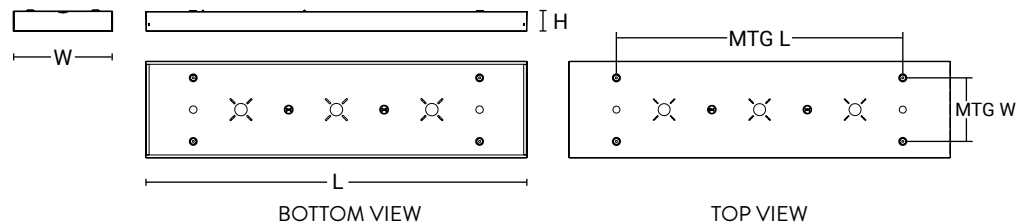


MOUNTING BOX

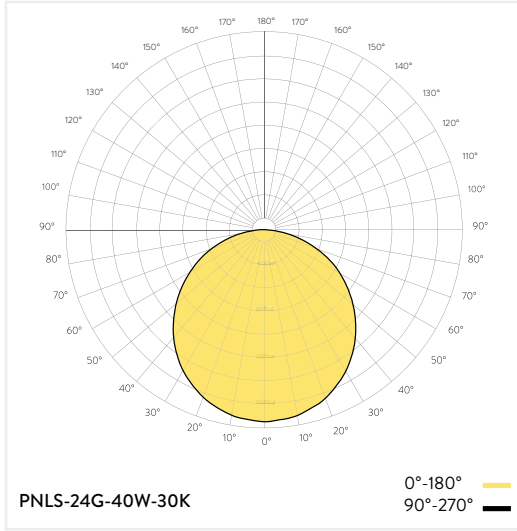
For surface or suspended installation, our Mounting Box provides a simple and elegant look. It also can be customized to any color to cohesively fit into any environment you can imagine, consult factory for more information.

DIMENSIONS

SIZE	L	W	H	MTG L	MTG W
14G	48.00"	12.19"	2.50"	36.00"	8.00"
22G	24.12"	24.12"	2.50"	18.00"	18.00"
24G	47.87"	24.12"	2.50"	36.00"	18.00"



SUSPENDED



ZONAL LUMEN SUMMARY

Zone	Lumens
0.00°-10.00°	233.61
10.00°-20.00	549.63
20.00°-30.00	833.31
30.00°-40.00	1004.90
40.00°-50.00	1042.98
50.00°-60.00	945.50
60.00°-70.00	731.41
70.00°-80.00	442.94
80.00°-90.00	144.33
90.00°-100.00	8.16
100.00°-110.00	2.95
110.00°-120.00	2.48
120.00°-130.00	2.35
130.00°-140.00	2.68
140.00°-150.00	3.60
150.00°-160.00	4.05
160.00°-170.00	3.21
170.00°-180.00	1.50
0.00°-90.00	5928.62
90.00°-180.00	30.97
0.00°-180.00	5959.59

CONE OF LIGHT

Mtg Height	Light Level	Beam Diameter
6.0 ft	56.5 fc	18.0 ft
8.0 ft	31.8 fc	24.1 ft
10.0 ft	20.4 fc	30.1 ft
12.0 ft	14.1 fc	36.1 ft
15.0 ft	9.0 fc	45.1 ft

AVERAGE LUMINAIRE LUMINANCE (CD/M2)

	0.00°	45.00°	90.00°
0.00°	3139	3139	3139
45.00°	2949	2959	2960
55.00°	2851	2851	2858
65.00°	2707	2703	2699
75.00°	2511	2499	2477
85.00°	2225	2160	2108

WATTAGE & EFFICACY 8FT X 4FT

HTP-08-4-40W-35K-MV	4200lm	3500K	40W	106lm/W
HTP-08-4-40W-40K-MV	4200lm	4000K	40W	105lm/W
HTP-08-4-40W-50K-MV	4200lm	5000K	40W	105lm/W

WATTAGE & EFFICACY 8FT X 8FT

HTP-08-8-80W-35K-MV	8600lm	3500K	81W	106lm/W
HTP-08-8-80W-40K-MV	8400lm	4000K	80W	105lm/W
HTP-08-8-80W-50K-MV	8400lm	5000K	80W	105lm/W

WATTAGE & EFFICACY 12FT X 4FT

HTP-12-4-54W-35K-MV	5900lm	3500K	55W	108lm/W
HTP-12-4-54W-40K-MV	6000lm	4000K	55W	109lm/W
HTP-12-4-54W-50K-MV	6000lm	5000K	55W	110lm/W