

LANTANA LED

NEOTERIC EDGE LIT PANEL

SPECIFICATION



The slim, Neoteric Edge Lit Panel design provides comfortable, uniform light while fitting multiple structural ceiling grids. Ideal for classrooms, healthcare, and contemporary interiors.



Efficacy Up to: 118.73 Lm/W

Total Output: 10,448

Max Watt: 90

CRI: 80, 90

CCT: 2700K-6500K

UGR: 21.6 4H/8H

Lifetime: TM 21 L90>61,000

Power Type:

- Class 2 Integral Line-Voltage 120/277V
- Onboard Emergency Battery Backup
- Remote Distributed Low Voltage

Ambient Operating Temp:

- -30°C to 70°C Remote
- -10°C to 50°C Integral
- 0°C to 40°C Integral Emergency

Mounting:

- Recessed
- Suspended
- Structural Ceiling Grid

Warranty: 10-Year, upgradeable to include drivers

Additional Features

- 0-10V Dimming Down to 1%
- Fits Multiple Structural Grids
- Non-Ferrous
- Anti-Microbial Paint

Certifications & Standards

- UL 1598: Luminaires
- UL 2108: Low-Voltage
- UL 924: Emergency
- UL Listed for Egress up to 18'
- UL Certified for Elevated Ambient Operating Temperatures
- IC-Rated
- TAA

Applications

- Education
- Commercial Office
- Hospitality
- Retail
- Healthcare
- Data Centers
- Suitable for Damp Locations

Environmental:

- 100% Recycled Extruded Aluminum
- Recyclable Acrylic
- Title 24 Compliant
- End-of-Life Recycling Available

NEOTERIC EDGE LIT PANEL

ORDERING INFORMATION

415-814-8500
www.lantanaled.com
sales@lantanaled.com

Series/Type	Power	Size	Mounting
NELP- Neoteric Edge Lit Panel Integral	I- Integral IEM- Integral EM R- Remote	22- 2x2 24- 2x4	SG- Standard Grid ADG- Armstrong DynaMax ADGP- Armstrong DynaMax Plus GG1- Gordon DG 1.5 GG3- Gordon DG 3.0 GXG- Gordon DG X-Span Grid TG- Tate GRID TD- Tate DUO PP- Polargy PICS PPG- Polargy PICS Global S- Suspended

Verify fixture/grid dimensions. Standard Grids are non-structural based on 24" and 48" on center (9/16", 15/16")
PP& PPG only available in 1X4 and 2x4.
Suspended only available with Remote

Optics	Distribution	Lumen Output
- NA	- NA	L#- L30-L45 2x2 Std L40-L95 2x4 Std L100-L110 2x4 HO

See Lumen Tables for corresponding SKUs

Adaptive	CCT	CRI	Cord	Cord Color
- NA	27- 2700K 30- 3000K 35- 3500K 40- 4000K 50- 5000K 65- 6500K	80- 80+ CRI 90- 90+ CRI	N- None 3- No Dim 5- Dim	N- None W- White B- Black S- Silver Braided

Cord and Cord Color for Remote Suspended Only

Feed	Finish	End Cap	Sensors
- NA	WH- White Matte BL- Black Matte CU- Custom	- NA	- NA

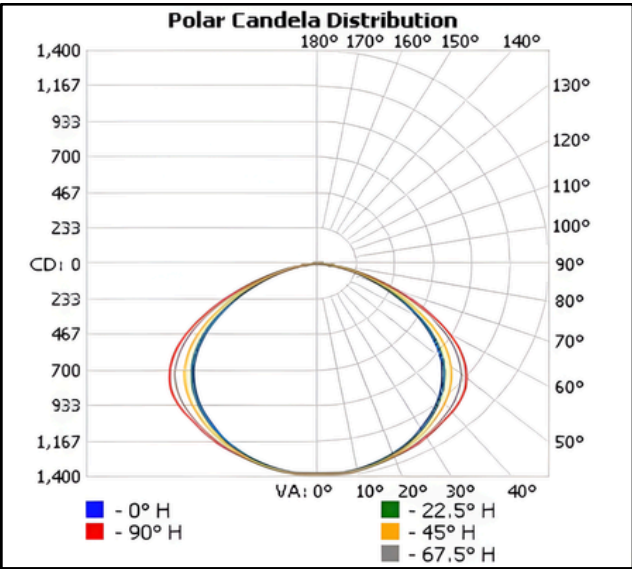
WH and BL include Anti-Microbial.
Specify RAL#. Custom colors and finishes may incur additional charges. Find options at www.Tiger-Coatings.com Metallics & Special Effects Vol. 2

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PERFORMANCE

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Delivered Lumens at 4000K 80 CRI



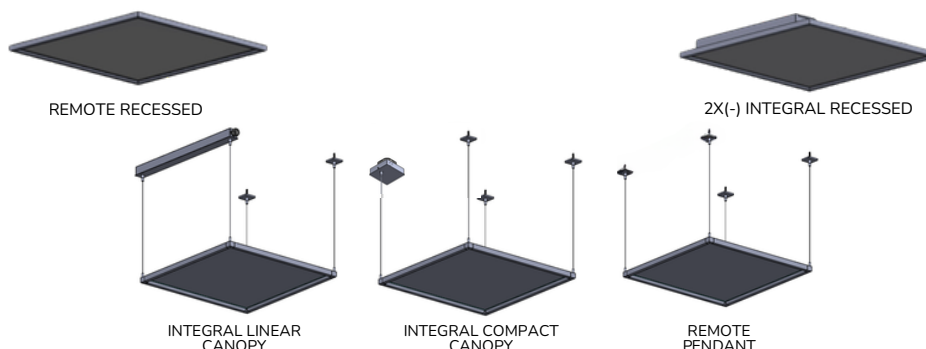
STANDARD OUTPUT				
Size	SKU	Nominal	Watts	Delivered
2x2	L30-	3000	25	2968
	L35-	3500	29	3443
	L40-	4000	34	4037
	L45-	4500	40	4749
2x4	L40-	4000	34	4037
	L45-	4500	40	4749
	L50-	5000	43	5105
	L55-	5500	46	5462
	L60-	6000	50	5937
	L65-	6500	54	6411
	L70-	7000	58	6886
	L75-	7500	63	7480
	L80-	8000	67	7955
	L85-	8500	71	8430
	L90-	9000	75	8905
	L95-	9500	80	9498

HIGH OUTPUT				
Size	SKU	Nominal	Watts	Delivered
2x4	L100-	10000	84	9973
	L105-	10500	88	10448

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MOUNTING & DIMENSIONS

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Integral

SIDE (LENGTH)



SIDE (LENGTH)

FRONT (WIDTH)



HEIGHT

Remote

SIDE (LENGTH)



SIDE (LENGTH)

FRONT (WIDTH)



HEIGHT

					HEIGHT					
FIXTURE SIZE PER GRID	LENGTH		WIDTH		REMOTE		INTEGRAL		WEIGHT	
	IN	MM	IN	MM	IN	MM	IN	MM	LBS	KG
2 X 2 - Standard Grid (9/16 & 15/16)	23.75	603	23.75	603	0.87	22	2.00	51	11.5	5.22
2 X 4 - Standard Grid (9/16 & 15/16)	47.75	1213	23.75	603	0.87	22	2.00	51	23	10.44
2 X 2 - Armstrong D-Max & D-Max Plus	22.875	581	22.875	581	0.87	22	2.00	51	11.5	5.22
2 X 4 - Armstrong D-Max & D-Max Plus	46.875	1191	22.875	581	0.87	22	2.00	51	23	10.44
2 X 4 - Polargy Pics & Pics Global	47.3	1201	23.3	592	0.87	22	2.00	51	23	10.44
2 X 2 Tate Grid & Tate Duo	23.1875	589	23.1875	589	0.87	22	2.00	51	11.5	5.22
2 X 4 Tate Grid & Tate Duo	47.1875	1199	23.1875	589	0.87	22	2.00	51	23	10.44
2 X 2 Gordon DG 1.5, DG 3.0, & DG X-Span	23.1875	589	23.1875	589	0.87	22	2.00	51	11.5	5.22
2 X 4 Gordon DG 1.5, DG 3.0, & DG X-Span	47.1875	1199	23.1875	589	0.87	22	2.00	51	23	10.44
2 X 2 Pendant Downlight	23	584	23	584	0.87	22	0.87	22	11.5	5.22
2 X 4 Pendant Downlight	48	1219	23	584	0.87	22	0.87	22	23	10.44
Integral Linear Canopy	24.5	622	1.78	45			45	1.56	40	2
Integral Compact Canopy	5.375	137	5.375	137			137	1.56	40	2