LP14

1' x 4' LED Recessed Flat Panel

Model: _____ Date: _____

Accessories: _____

Job Name: _____ Type: _____

DESCRIPTION

Trace*lite's LP14 offers incredible performance in an energy-efficient, slim profile package. It is ideal for office spaces, schools, hospitals and any indoor location that requires even illumination and lower maintenance. It is compatible with most standard t-bar grid ceilings, includes 0-10V dimming standard, and can also provide path of egress emergency lighting (LEDEM).

SPECIFICATIONS

Construction:

- Precision die-formed aluminum housing
- Recessed design fits most standard t-bar grid ceilings
- White polyester powder coat finish
- Suitable for damp locations

Optics/ LEDs:

- UV-stabilized PMMA lens
- L70 at 56,000hrs

Electrical:

- High performance isolated driver features over-voltage, over-current and short-circuit (with auto-recovery) protection. Class A sound rating, 0-10V dimming included standard (10% - 100%)
- 120-277VAC, 50-60Hz
- >0.9 power factor
- Total harmonic distortion: <20%

Installation:

- Unit simply lifts through grid ceiling and rests on t-bars, driver attaches with quick-connect adaptors
- Easy installation in new construction or retrofit
- Standard mounting includes recessed mounting in grid ceilings or suspended mounting using attached hanging brackets
- Earthquake clips included
- Optional surface mounting kit is available
- Field installable battery packs available for emergency egress lighting

Testing & Compliance:

- ETL listed for damp locations and insulated ceilings (IC Rated)
- Operating Temperatures: -25°C to 45°C (-13°F to 113°F)
- RoHS compliant
- FCC Part 15 compliant

Warranty:

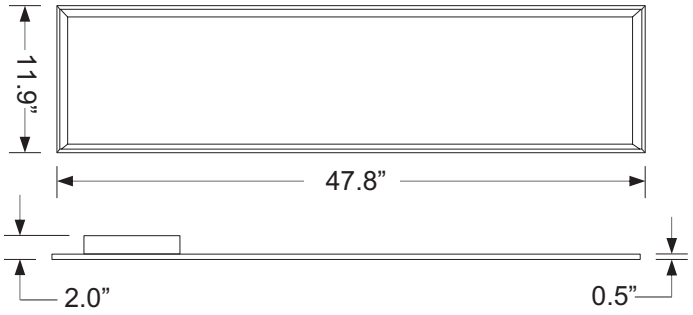
- 5 Year Warranty (Terms and Conditions Apply)

Specs at a Glance				
Wattage (w)	40			
CCT	3000K	3500K	4000K	5000K
Lumens (lm)	4,070	4,149	4,149	4,600
Efficacy (LPW)	102	104	104	115
CRI	>80			
Input Voltage	120-277VAC, 50-60Hz			
Warranty	5 Years			
Certifications	ETL Listed, RoHS Compliant, FCC Part 15, IC Rated, Suitable for Damp Locations			
Ambient Temp	-25°C to 45°C (-13°F to 113°F)			

Ordering Information (Example: LP14-40-5K)

Series	**Fixture Watts**	**Color Temperature (CCT)**	**Accessories**[3] (Field Installed)
LP14 = 1' x 4' Ultra-thin LED Panel	40 = 40 Watts	3K - 3000 Kelvin	LP24-SMK = Surface Mount Kit
		35K[1] - 3500 Kelvin	LEDEM-5W[2] = 5 Watt Battery Pack for Emergency Egress
Notes		4K - 4000 Kelvin	LEDEM-7W[2] = 7 Watt Battery Pack for Emergency Egress
[1] Available August 2017		5K - 5000 Kelvin	LEDEM-10W[2] = 10 Watt Battery Pack for Emergency Egress
[2] See back page for battery pack lumen output			LEDEM-13W[2] = 13 Watt Battery Pack for Emergency Egress
[3] Order as separate line item			LEDEM-17W[2] = 17 Watt Battery Pack for Emergency Egress

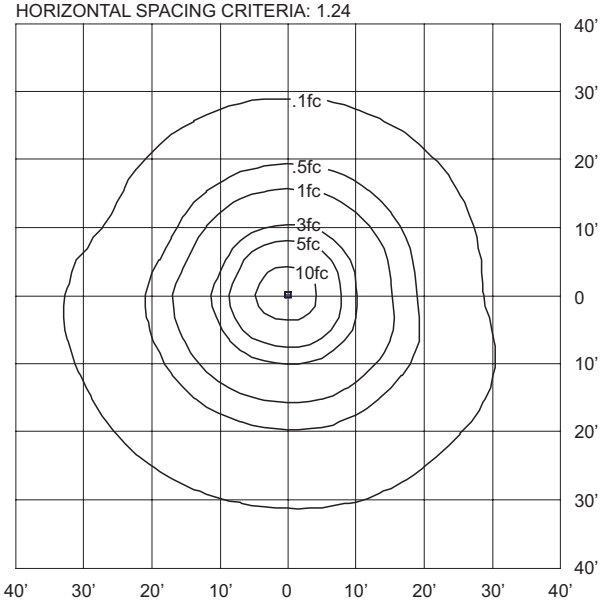
Dimensions



Fixture Watts	Weight
40 = 40 Watts	9 lbs.

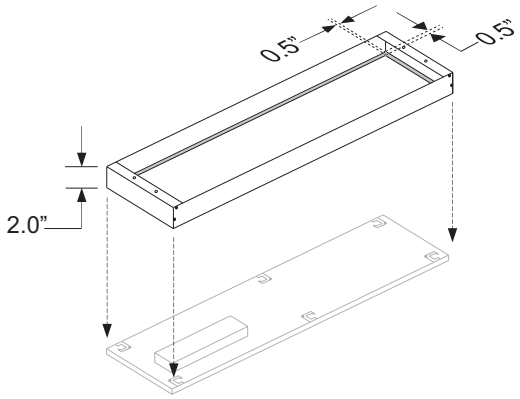
Sample Photometry

LP14-40-3K
IES: TYPE II Very Short
MOUNTING HEIGHT: **10 FEET**
TILT: ZERO
HORIZONTAL SPACING CRITERIA: 1.24



Surface Mount Kit Lumen Output Summary for LP Panel models

Optional surface mounting kit (LP14-SMK) allows for installation on plaster or other hard ceilings.



Lumen Output Summary for LEDEM Battery Pack Accessories

LP Panel Battery Packs:			LEDEM-5W	LEDEM-7W	LEDEM-10W	LEDEM-13W	LEDEM-17W
			4.0	6.24	8.56	10.96	14.24
Model	*Lumens*	*Wattage*	*Battery Back Up Lumens*				
LP14-40-3K	4070	40	407	635	871	1115	1449
LP14-40-35K	4149	40	415	647	888	1137	1477
LP14-40-4K	4149	40	415	647	888	1137	1477
LP14-40-5K	4600	40	460	718	984	1260	1638

Specifications are subject to change without notice.
Installation must be performed in accordance with
Barron Lighting Group installation instructions.

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LEDEM

Constant-Power Emergency LED Driver

Model: _____ Date: _____

Accessories: _____

Job Name: _____ Type: _____

SPECIFICATIONS

Illumination:

- Provides constant power output to the load during emergency mode operation
- Can be operated as NORMALLY-ON, NORMALLY-OFF or SWITCHED LOAD

Electrical:

- Universal 120-277V, 50/60 Hz input
- Charge/Power "ON" LED indicator light and push-to-test switch for mandated code compliance testing
- Long-life, maintenance free, rechargeable NiCad battery
- Output short/overcurrent protection: Electronic limiting, with normal operation resuming upon removal of fault
- 90 Minute minimum emergency operating time over full temperature range (other run times available upon request)
- Output classification: Class 2 Compliant
- Surge protection: Per C62.41 (TVS)
- Input overcurrent protection: Fusible link
- 24 Hour maximum battery recharge time

Housing:

- LED illuminated and remote mounted test switch
- Injection-molded, engineering grade, 5VA flame retardant, high-impact resistant, thermoplastic in a black finish

Mounting:

- Suitable for installation on top of the fixture
- Can be remote mounted (up to 50')

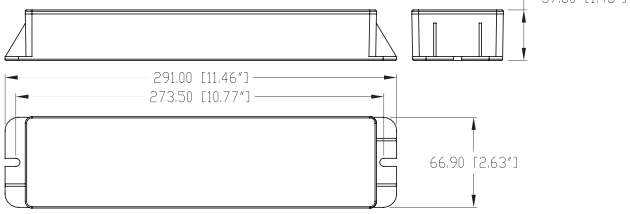
Testing & Compliance:

- Suitable for field installation
- Suitable for damp locations (0°C - 50°C)

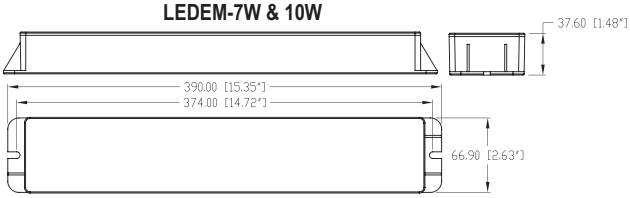
Warranty:

- 5 Year Warranty (Terms and Conditions Apply)

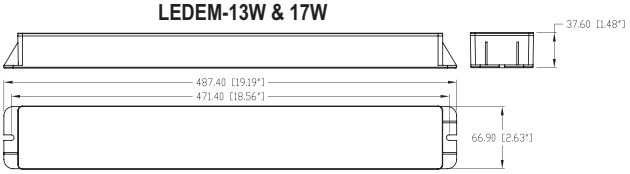
LEDEM-5W



LEDEM-7W & 10W



LEDEM-13W & 17W



Ordering Information

Series	Output Operating Range		Output Power
	Voltage (VDC)	Current (MADC)	Watts
LEDEM-5W	20-50	250-100	5.0
LEDEM-7W	20-50	390-156	7.0
LEDEM-10W	20-50	535-214	10.7
LEDEM-13W	20-50	685-274	13.7
LEDEM-17W	20-50	850-340	17.0

Provides regulated power from 5.0 watts to 17.0 watts (up to 800 to 2400 lumens).

Electrical Information

Model	Input Current (A)	Input Power (W)
LEDEM-5W	0.061	3.9
LEDEM-7W	0.065	4.8
LEDEM-10W	0.087	5.7
LEDEM-13W	0.110	6.9
LEDEM-17W	0.110	7.9

LEDEM Series System Coordination Guidelines

These guidelines were developed to allow the lighting system Designer/Specifier to predict the operating performance levels of LED luminaires when powered by an electrically compatible LEDEM Series model. It is ultimately the responsibility of the Designer/Specifier to insure that the as installed system delivers code-compliant path of egress illumination.

Determine Electrical Compatibility

A) Verify that the Luminaire LED Driver, where applicable, is Class 2 compliant.
B) Verify that the Luminaire LED Lamp(s) have an operating voltage between 20Vdc and 50Vdc.
C) Verify that the Luminaire LED Lamp(s) have a power rating equal to, or greater than, the emergency power rating of the LEDEM model under consideration.

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