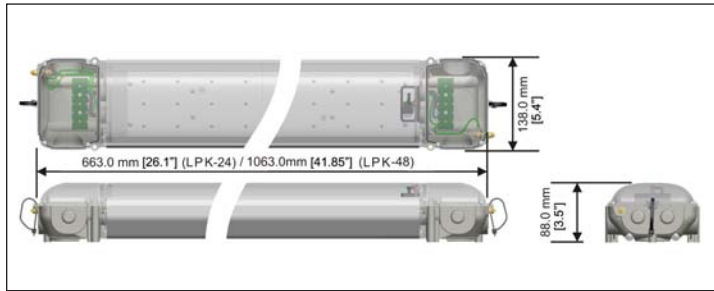




## LPK Series LED Linear White Fixture



Dimensions in Inches [mm]

### Certifications & Ratings:

- ▷ Certified to UL1598
- ▷ CE compliant
- ▷ CSA 22.2 # 250.0-04
- ▷ IP65 rated

### Features & Benefits:

- ▷ > 70% lumen maintenance after 60,000 operating hours
- ▷ Utilizes the latest > 100 lumens per LED technology for cool white
- ▷ Optional optics to direct light where most needed results in significant energy savings and/or increased luminaire spacing
- ▷ Can be wired in series
- ▷ Instant on/off
- ▷ Universal input voltage 90-277V 50/60Hz

### Order Codes:

Part Number	Description	Initial Fixture Lumens
LPK-00-062-3112-400	LPK24 Cool White	2,000
LPK-00-062-1112-600	LPK24 Cool White w/ Wide Optics	1,800
LPK-00-064-3112-400	LPK48 Cool White	4,000
LPK-00-064-1112-600	LPK48 Cool White w/ Wide Optics	3,600

### Application:

The Dialight LPK Series is a rugged and durable solution for demanding industrial and utility lighting applications. Its sealed housing allows its use outdoors as well as indoors and with its automatic input voltage sensing it can be used in most locations around the world. The fixture is rated for 60,000 hours continuous operation, requiring no maintenance apart from routine inspection throughout its operational life.

All of Dialight's long life LED luminaires are designed to meet the most demanding specification criteria while offering maximum energy savings, reduced maintenance costs, and a superior quality of light.

### Mechanical Information:

**Container Dimensions:** LPK24 = 8.27" X 6.10" X 30.70"  
210mm x 155mm x 780mm  
LPK48 = 8.27" X 6.10" X 45.67"  
210mm x 155mm x 1160mm

**Container Weight:** LPK24 = 13.5lbs (6.13kg)  
LPK48 = 19.8lbs (9.00kg)

### Electrical specifications:

**Operating Voltage:** 90-277V 50/60Hz  
**Power Consumption:** LPK24 = 36W  
LPK48 = 72W  
**Operating Temp:** -4°F to +133°F (-20°C to +55°C)  
**Surge / Lightning Protection:** 1 kV line to line  
2 kV line to ground

**THD:** < 20%

**Power Factor:** > 0.9

### Material:

**Body:** Anodized alum. 6061  
**Lens:** Clear polycarbonate  
**Accessories (hardware):** Stainless steel

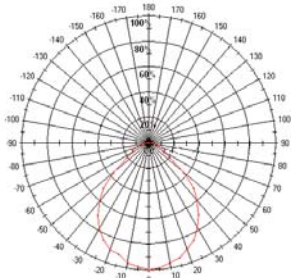
### Photometric Information:

**CRI (typ):** 70  
**CCT (typ):** 6350K (cool white)  
3500K (warm white)  
**Initial Fixture Lumens:** 2,000 (LPK 24 units)  
4,000 (LPK 48 units)

# LPK Series - Light Measurement Data

## LPK 24

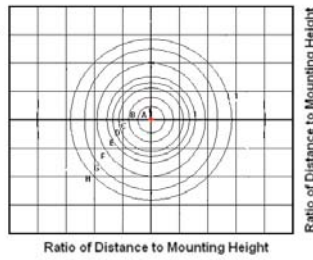
Normalized Intensity Distribution



Mounting Height (ft)

\*\*Each box is one mounting height

IsoLUX Chart



Ratio of Distance to Mounting Height

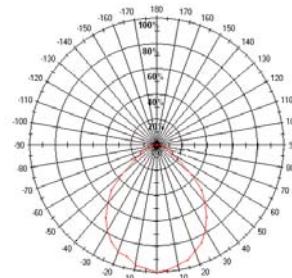
Ratio of Distance to Mounting Height

Footcandle Values for Isofootcandle Lines

Mounting Height (ft)	Zones							
	A	B	C	D	E	F	G	H
8	10.00	5.00	2.00	1.00	0.50	0.20	0.10	0.05
12	4.44	2.22	0.89	0.44	0.22	0.09	0.04	0.02
16	2.50	1.25	0.50	0.25	0.13	0.05	0.03	0.01
20	1.60	0.80	0.32	0.16	0.08	0.03	0.02	0.01
25	1.02	0.51	0.20	0.10	0.05	0.02	0.01	0.01
30	0.71	0.36	0.14	0.07	0.04	0.01	0.01	0.00
35	0.52	0.26	0.10	0.05	0.03	0.01	0.01	0.00

## LPK 48

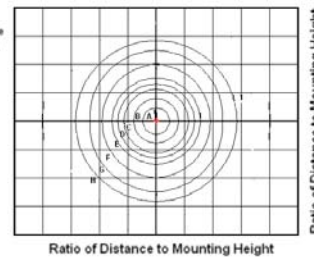
Normalized Intensity Distribution



Mounting Height (ft)

\*\*Each box is one mounting height

IsoLUX Chart



Ratio of Distance to Mounting Height

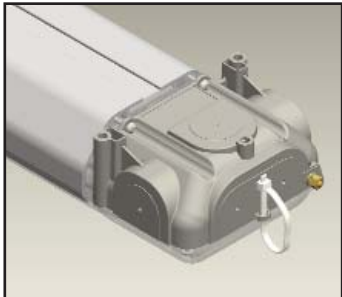
Ratio of Distance to Mounting Height

Footcandle Values for Isofootcandle Lines

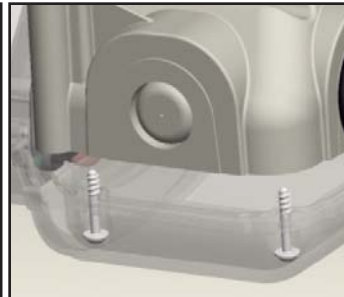
Mounting Height (ft)	Zones							
	A	B	C	D	E	F	G	H
8	20.00	10.00	4.00	2.00	1.00	0.40	0.20	0.10
12	8.89	4.44	1.78	0.89	0.44	0.18	0.09	0.04
16	5.00	2.50	1.00	0.50	0.25	0.10	0.05	0.03
20	3.20	1.60	0.64	0.32	0.16	0.06	0.03	0.02
25	2.05	1.02	0.41	0.20	0.10	0.04	0.02	0.01
30	1.42	0.71	0.28	0.14	0.07	0.03	0.01	0.01
35	1.04	0.52	0.21	0.10	0.05	0.02	0.01	0.01

Light measurement data shown with no optics.


## LPK Series - Fixing / Wiring Detail



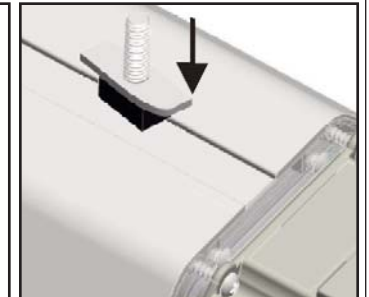
End Assembly  
Available Entry Points



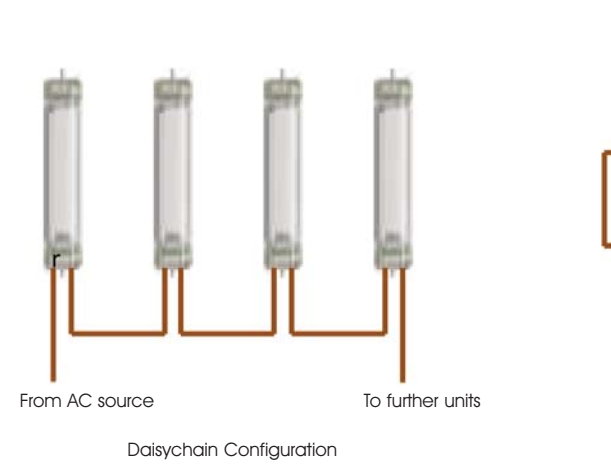
End Assembly  
Drill-Out Location



Mounting Screws



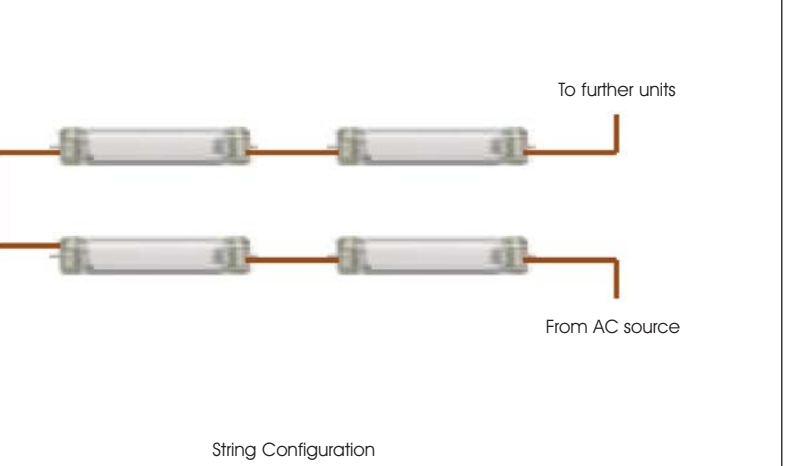
Slot-Bolt Assembly  
Required for Tracks/Raceways wiring



From AC source

To further units

Daisychain Configuration



To further units

From AC source

String Configuration

MDEXLUMLPKX001\_C