



LED Cooler/Freezer Light Kits

DESCRIPTION

Reduce energy and maintenance costs by replacing existing fluorescent refrigeration and freezer tubes with these more efficient LED refrigeration lights kits.

FEATURES

- Operates at -20 to 122 degrees F
- Interconnectable; see Linkable Table for more information
- Connections made using coax connections to provide a watertight seal
- Each kit comes with 4 lights, 4 sets of Y-split connection wires (2.8' long), and 1 hardwire power cord (3' long)
- For hardwire installation only

LISTINGS

- ETL Listed for wet locations
- FCC
- RoHS

PERFORMANCE

- CRI: 80
- CCT: 5000K
- LED L70 Life Hours: 60,000
- Seoul Semiconductor LEDs

THERMAL

- -20°F to 122°F (-29°C to 50°C)

ELECTRICAL

- THD: 20%
- Power Factor: 0.9
- Input Voltage: 120-277V

INSTALLATION

- Designed to be mounted into refrigeration and freezer units; see installation instructions for more information on how to install these fixtures.

| | |
|----------------|---------|
| Project name | Type |
| Catalog number | |
| Comments | Voltage |
| Approved by | Date |



WARRANTY

- 5-year limited warranty; see pltsolutions.com for warranty details

APPLICATIONS

- Supermarkets
- Convenience Stores
- Medical Laboratories

| | | |
|--------------|-----------------------|---|
| PERFORMANCE | Power Consumption | 18, 23, 27W |
| | Lumens | 2682, 3300, 3900 |
| | Efficacy (LPW) | 145 |
| | CRI | 80 |
| | Beam | 135° |
| | CCT | 5000K |
| | LED L70 Life Hours | 60,000 |
| ELECTRICAL | Power Factor | 0.9 |
| | THD | 20% |
| | Input Voltage | 120-277V |
| CONSTRUCTION | Operating Temperature | -20°F to 122°F (-20°C to 45°C) |
| | Lens | PC |
| LISTINGS | Certifications | ETL Listed; FCC; NSF |
| | Material Usage | RoHS – No mercury or lead |
| | Environment | Suitable for totally enclosed fixtures; Suitable for Damp Locations |

PERFORMANCE SUMMARY

| Item # | Lumens* | Watts | LPW | CCT | CRI | Beam | Envelope | L70 Life Hours | Lighted Length* | Length |
|-----------|---------|-------|-----|-------|-----|------|----------|----------------|-----------------|--------|
| PLT-60054 | 2682 | 18 | 145 | 5000K | 80 | 135° | PC | 60,000 | 44.09" | 4' |
| PLT-60055 | 3300 | 23 | 145 | 5000K | 80 | 135° | PC | 60,000 | 55.91" | 5' |
| PLT-60056 | 3900 | 27 | 145 | 5000K | 80 | 135° | PC | 60,000 | 66.30" | 6' |

*Some light spillage will occur at the top and bottom of the refrigeration/freezer case.

LINKABLE TABLE

| SKU | Max Linked Fixtures |
|-----------|---------------------|
| PLT-60054 | 18 |
| PLT-60055 | 15 |
| PLT-60056 | 12 |

DIMENSIONS

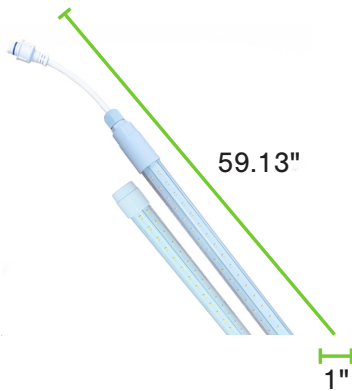
PLT-60054

Length – 47.24"
Diameter – 1"
Wire Length – 6"
Weight – 0.84 lbs.



PLT-60055

Length – 59.13"
Diameter – 1"
Wire Length – 6"
Weight – 0.97 lbs.



PLT-60056

Length – 70.24"
Diameter – 1"
Wire Length – 6"
Weight – 1.1 lbs.



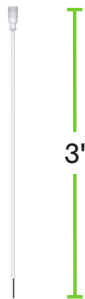
Y-SPLIT CONNECTION CABLE

Total Length – 2.8'
Split Length – 2.3'
Connector to Split Length – 6"



POWER CORD

Length – 3'



WARNINGS

- Not for use with ballasts.