

LED COOLER DOOR FIXTURE
RDL SERIES



PRODUCT DESCRIPTION:

The MaxLite cooler Door fixtures are suitable for both vertical and horizontal applications. UL Cold temperature tested, these slim fixtures are suitable for retrofit into a variety of freezer cases. Clear diffusers with button optics create an even batwing lighting distribution to vividly illuminate goods.

FEATURES:

- Extruded Aluminum body for rigidity
- Integral mounting tabs at each end
- Simple DC voltage operation
- Button optic are protected by full length clear diffuser
- 155° Deg. Beam angle, batwing.
- Available in 3000K, 4100K, 5000K CCT

CONSTRUCTION:

- Anodized Aluminum body
- Anodized Aluminum end caps
- Polycarbonate Diffuser
- 2 strand 22AWG lead

CONTROL:

- Driver or sensor dependent

LAMP ORDERING INFORMATION:

| WATTS (NOMINAL) | ORDER CODE | MODEL NUMBER | DELIVERED LUMENS (LM) | LIFE (L70) | DIMENSIONS (L" x W" x H") NOM. | CCT |
|-----------------|------------|--------------|-----------------------|------------|--------------------------------|-------|
| 9 | 99905 | 36RDL41 | 1,043 | 50,000 | 3ft x 1in x 1/4" H | 4100K |
| 12 | 96451 | 48RDL41 | 1,390 | | 4ft x 1in x 3/4" H | |
| 15 | 96452 | 60RDL41 | 1,567 | | 5ft x 1in x 3/4" H | |
| 18 | 96453 | 72RDL41 | 2,033 | | 6ft x 1in x 3/4" H | |

COMPATIBLE DRIVERS**

| ORDER CODE | MODEL NUMBER | DESCRIPTION |
|------------|-------------------|---|
| 75296 | MUV100N024XX8-205 | MAXLITE UNIV 120-277V 100W DAMP CONSTANT VOLTAGE CLASS 2 24V DRIVER NON-DIM |
| 101478 | MUV060N024XX8-205 | MAXLITE UNIV 120-277V 60W DAMP CONSTANT VOLTAGE CLASS 2 24V DRIVER NON-DIM |

**For all other drivers, contact MaxLite for driver compatibility verification

SPECIFICATIONS:

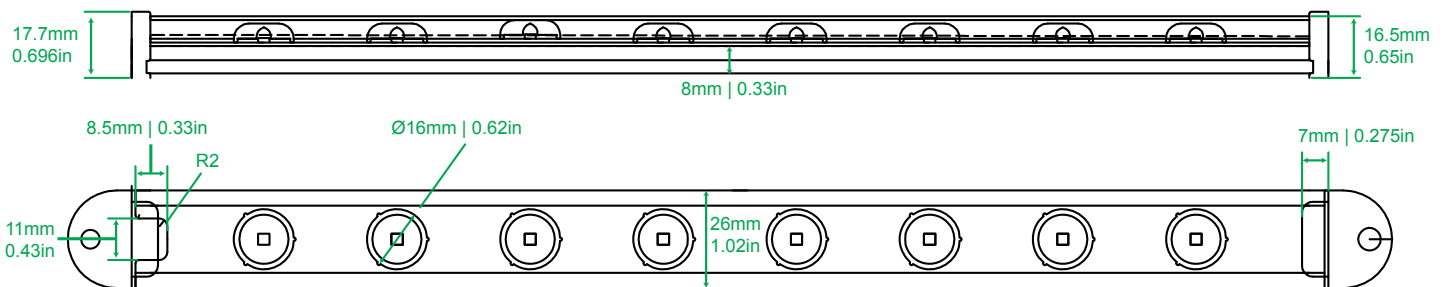
| ITEM | SPECIFICATION | DETAILS | | | |
|----------------------------|--------------------------------------|---|----------------------|----------------------|----------------------|
| | | 3FT. 36RL41 | 4FT. 48RDL41 | 5FT. 60RDL41 | 6FT. 72RDL41 |
| GENERAL PERFORMANCE | Spacing Criteria | Contact MaxLite for Installation Criteria, 155° Deg. Beam angle | | | |
| | Color Temperature (CCT) | 4100K | | | |
| | Delivered Lumens (lm) | 1,043 Lm | 1,390 Lm | 1,567 Lm | 2,033 Lm |
| | *System Efficacy - lm/W (Ref Driver) | 73.4 @ 60W | 79.2 @ 60W | 78.7 @ 100W | 82.2 @ 100W |
| | **Device Efficacy - lm/W | 114 | 115.8 | 104.5 | 112.9 |
| | Dimming | Non Dimming (driver dependent) | | | |
| | Lumen Maintenance (L70) | >50,000 Hrs | | | |
| ELECTRICAL | Input Voltage | 24Vdc | | | |
| | Drive Rate (mA) | 360 mA | 480mA | 600mA | 720mA |
| | Power Consumption | 9 W. Max. | 12W Max. | 15W Max. | 18W Max. |
| PHYSICAL | Dimensions (L" x W" x H") | 33.9 x 1.0 x .70 | 45.6" X 1.0" X 0.70" | 56.6" X 1.0" X 0.70" | 67.6" X 1.0" X 0.70" |
| | Weight | <1 lbs | <1lbs | <1.5 lbs | <2 lbs |
| | Housing | Housing and end caps: Anodized Aluminum | | | |
| | Lens | Clear Polycarbonate Polymer, V2 rated | | | |
| | Mounting | End flanges, #8 Sheet metal screw attachment, 70" x 22 AWG. Flying leads, vertical orientation | | | |
| | Operating Temperature | -20°c~+50°c (-40°F to 104°F) | | | |
| CERTIFICATION | Certification | USL & CNL as UL 2108/ CAN/CSA 22.2 No. 250.0 | | | |
| | Environment | Suitable for damp Locations, Install using only Class 2 power Supply with 24VDC/50w or 100w Output of Pf>.9 | | | |
| | LED Class | IESNA LM-80-2008; ISTMT21 | | | |
| | Warranty | 5 year Limited warranty | | | |

*System Efficacy based on single ref. driver and one luminaire. Efficiency can improve as % of loading of driver rises to mnf. recommended levels

**Device Efficacy based on Max. power rating divided by lumen output

***Contact MaxLite for performances of CCT not shown above.

LINE DRAWINGS:



Polar Plot

