

**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

**SYSTEM NOTES:**

It is considered best practice to avoid 100% loading of drivers. Electrical input fluctuation, lamp load tolerances, and effects from heat of enclosed installations, can reduce any drivers maximum loading capability. Less than 80% of listed output wattage is recommended.

**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:**

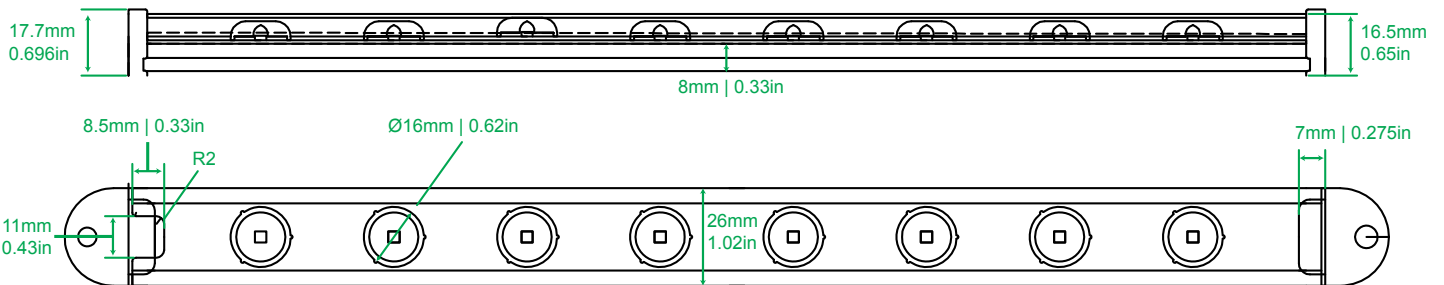
ITEM	SPECIFICATION	DETAILS			
		3FT. 36RL41	4FT. 48RDL41	5FT. 60RDL41	6FT. 72RDL41
<b>GENERAL PERFORMANCE</b>	Spacing Criteria	Contact MaxLite for Installation Criteria, 155° Deg. Beam angle			
	Color Temperature (CCT)	4100K			
	Delivered Lumens (lm)	1,043 Lm	1,390 Lm	1,567 Lm	2,033 Lm
	*System Efficacy - 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			
<b>ELECTRICAL</b>	Input Voltage	24Vdc			
	Drive Rate (mA)	360 mA	480mA	600mA	720mA
	Power Consumption	9 W. Max.	12W Max.	15W Max.	18W Max.
<b>PHYSICAL</b>	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)			
<b>CERTIFICATION</b>	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**

