

LED Flood Casting Light

Model No: LE028W

(For Refrigerated Showcase)

Feature

- ⊙ 24 pcs 1W LED
- ⊙ Long life time and low maintenance
- ⊙ Power drive with Keeper tech 35W switching adaptor of constant current circuitry for extraordinary power efficacy and better energy saving performed
- ⊙ Special optical design of patent pending PC lens to perform flood casting light of 140° angle (Upright position) for cost efficient instead of traditional two units needed
- ⊙ Better color rendering in presenting more valuable color appearance
- ⊙ No more broken fluorescent tube and long lasting, reliable light emitting
- ⊙ Water proof
- ⊙ Custom-made is welcome

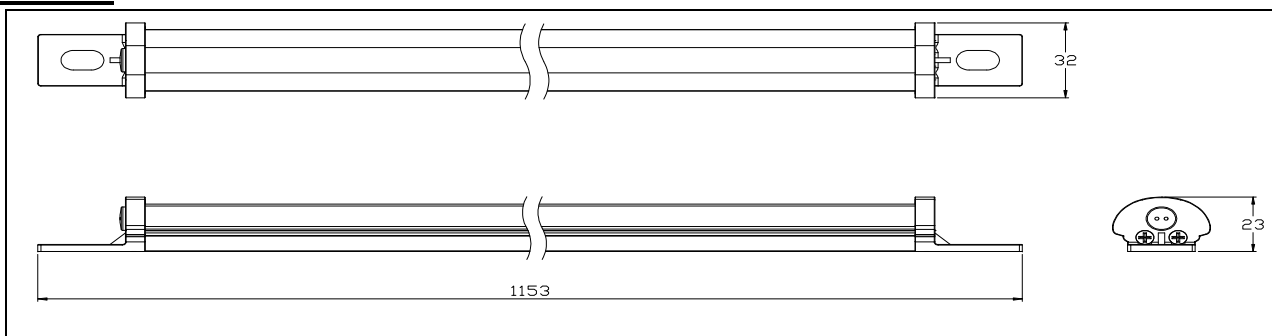


Through special optical lens to perform flood casting light of 140° angle.

Product Structure

Main Components	Materials	Color
Housing	Aluminum	Silver
Lens	PC	clear
LED	1Wx24pcs	White
Dimension:	1153(L) x 32(W) x 23(H)mm	Unit : mm

Dimension





Operation Ratings

Description	Symbol	Value	Unit
Voltage Input	V_{IN}	42V	V DC
Current Input	I_{IN}	700	mA
Power Consumption	P_D	29	W
Operating Environmental Temp.	T_{OPE}	-30 ~ +30	°C
Storage Temperature	T_{STO}	-40 ~ +80	°C

Illumination

Description	Value	Unit
Illuminance	3300~3600	lux
Luminous flux	1329	lm
Color Temperature	5000~6300	K

Light Efficacy

Item	Flood Casting Light	Fluorescent tube
Using the Chroma Meter to measure the Illuminance		
Q'ty	1 pcs	1 pcs
Illuminance	870 lux (10 cm)	457 lux (10 cm)
Power Consumption	29W	42W (Inc. Ballast)
Estimated KWH for 24hrs running through an year	254KWH	368KWH
Summary	The Illuminance of Flood Casting Light is much better than the Fluorescent tube's, and the Power Consumption of Flood Casting Light is about 30% lower than the Fluorescent tube's.	



Constant Current Power Adapter

Description	Symbol	35W	68W	Unit
Voltage Input	V_{IN}	90~264		V AC
Input frequency	f	50/60		Hz
Current Input	I_{IN}	780	1480	mA
Power Input	P_{IN}	44.5	83.5	W
Power Factor	F_{PI}	0.46	0.47	PF
Voltage Output	V_{OUT}	48		V DC
Constant Current		700	1400	mA
Power Output	P_{OUT}	33.6	67.2	W

Remarks:

**(*1) Caution: The original design is to apply one 35W Constant Current Power Adapter to connect with 1 Light Bar.
Please use one 68W Adapter when connecting with 2 Light Bars.**

Emitting Example



Light-emitting Angle of 140°

Job Reference



Through special optical lens to perform flood casting light of 140° angle from the center.