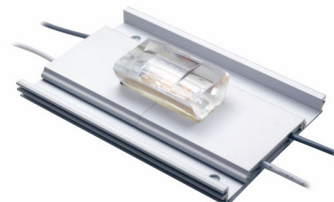


1.5W~9W 12V

■ Model Specifications



Voltage:12V		Unit Watts:1.5W	
Viewing Angel:15x55°			
Modules/Chain:20		Chain/Pack:5	
Model No.	Color	W.L. (nm)	Luminance (lm)
LEDMF-W120	Cool White	10000K	90



Voltage:12V		Unit Watts:9W	
Viewing Angel:15x55°			
Modules/Chain:10		Chain/Pack:1	
Model No.	Color	W.L. (nm)	Luminance (lm)
LEDME-W110C	Cool White	10000K	550

Features

Full aluminum body(9W) with heat-conductive adhesive tape.

Using innovative, patent pending **CooChip®** technology, the LED chip is attached and bonded directly to the aluminum PCB and heat-sink, resulting in ultra low heat resistance. **CooChip® Runs COOL!**

Extended operating life at high ambient temperature, 75,000+ hrs@25°C / 50,000+ hrs@40°C

Power LED module designed for double side light box.

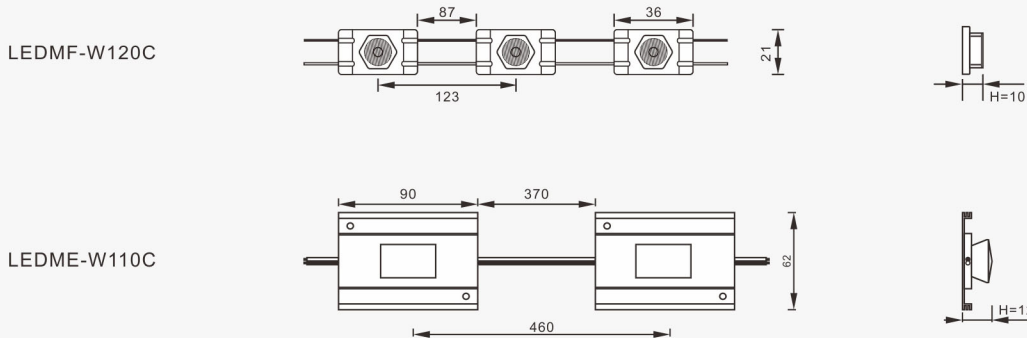
15x55° emits even light for both side illuminations.

Applications

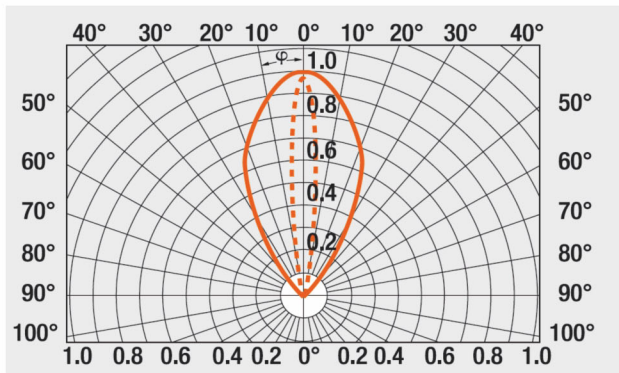
Double-side light box.

Dimension

Unit : mm



Radiation Characteristics

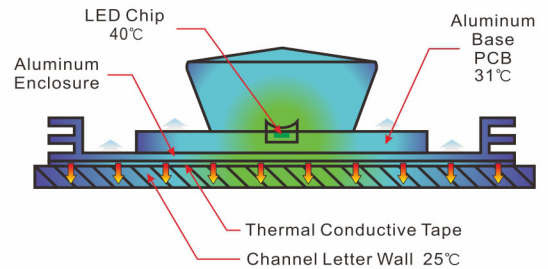


Average beam angle(50%) : 15°x55°

Heat Management



Cross Section Thermal Image

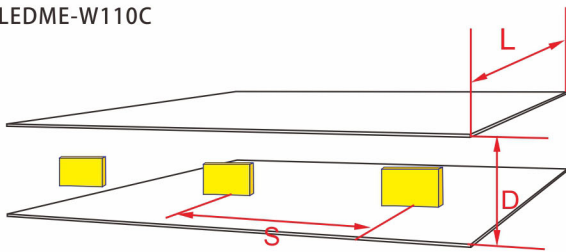


Legend

External Heat Flow Internal Heat Flow

Module Spacing Calculation in Light Box(Size:L*M=1m*1m)

LEDME-W110C



D: Light box depth S: Module spacing

L: Minimum depth for channel letter or light box

D (inch)	4"	5"	6"	7"	8"
S _{max.} (inch)	6.6"	8.25"	9.9"	11.55"	13.2"
L _{max} (1 side).ft	1.5ft	2ft	2.5ft	3ft	3.5ft
L _{max} (2 side).ft	3ft	4ft	5ft	6ft	7ft

D (mm)	100 _{mm}	125 _{mm}	150 _{mm}	175 _{mm}	200 _{mm}
S _{max.} (mm)	165 _{mm}	206 _{mm}	247 _{mm}	288 _{mm}	330 _{mm}
L _{max} (1 side).m	0.5 _m	0.625 _m	0.75 _m	0.875 _m	1 _m
L _{max} (2 side).m	1 _m	1.25 _m	1.5 _m	1.75 _m	2 _m