



LITA LIGHTING CO.

CENTRAL OFFICE & FACTORY

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LML 60 / 20W

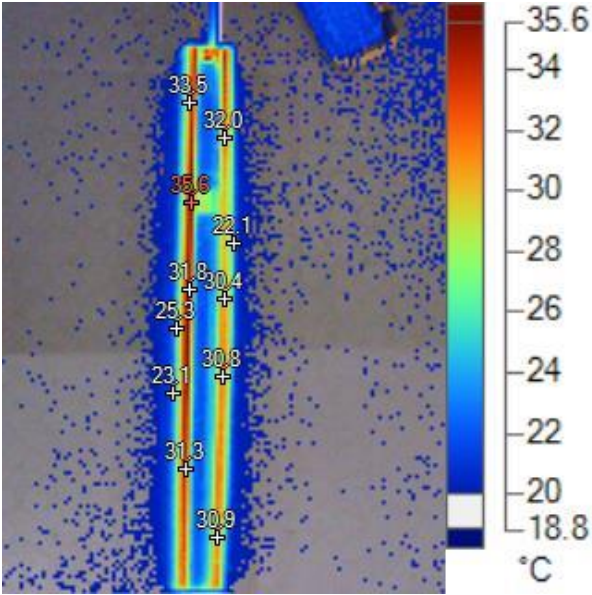
THERMAL REPORT

POWER : 20 W
PF : 0.95
LED : Samsung LM281B+ (SA BIN)
PCB : CEM3-TERMAL
COLOR TEMPERATURE : 4000K

AMBIENT TEMPERATURE 24 °C

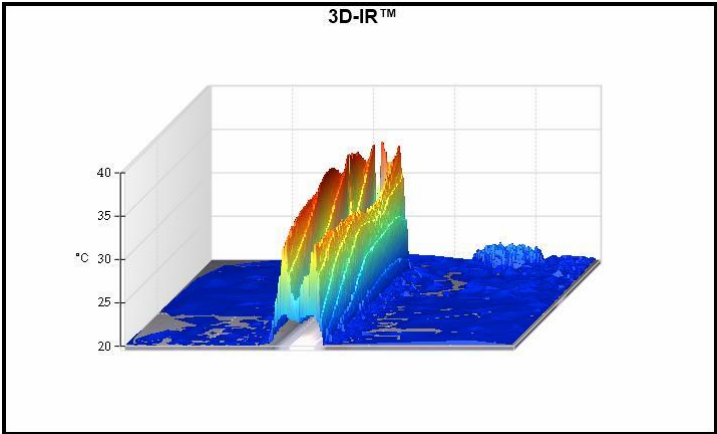
LED THERMAL RESISTANCE (datasheet) : 25 °C/W
MAX. JUNCTION TEMP. (datasheet) : 115 °C
LED POWER : 0.225 W
MAX TEMPERATURE OVER BODY : 35.6 °C
SOLDER POINT TEMPERATURE : 54.9 °C
CALCULATED LED JUNCTIION : 61 °C

DRIVER : DRIVER ON BOARD



Visible Light Image

IR000493.IS2
12/9/2020 4:44:19 AM



Graph

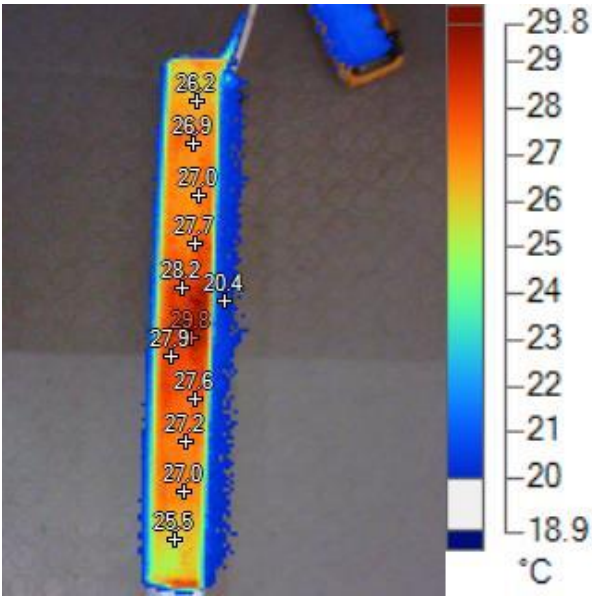
Image Info

Background temperature	26.0°C
Emissivity	0.95
Transmission	1.00
Camera Model	Ti110
IR Sensor Size	120 x 160

Camera Manufacturer	Fluke Thermography
Image Time	12/9/2020 4:44:19 AM
Calibration Range	-10.0°C to 250.0°C

Main Image Markers

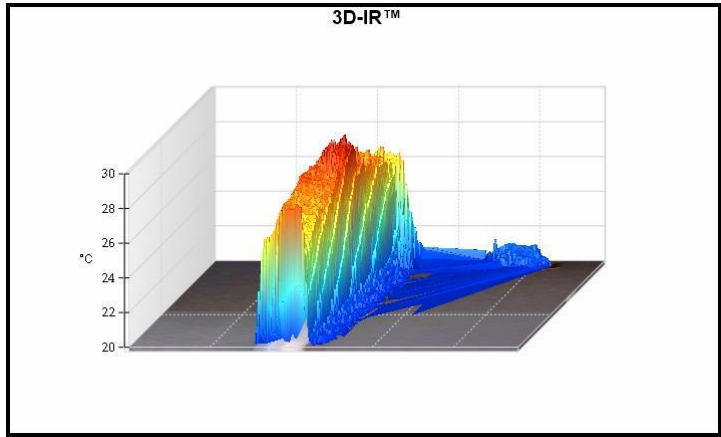
Name	Temperature	Emissivity	Background
Centerpoint	30.4°C	0.95	26.0°C
Hot	35.6°C	0.95	26.0°C
P0	33.5°C	0.95	26.0°C
P1	32.0°C	0.95	26.0°C
P2	22.1°C	0.95	26.0°C
P3	31.8°C	0.95	26.0°C
P4	31.3°C	0.95	26.0°C
P5	23.1°C	0.95	26.0°C
P6	25.3°C	0.95	26.0°C
P7	30.8°C	0.95	26.0°C
P8	30.9°C	0.95	26.0°C



IR000494.IS2
12/9/2020 4:44:38 AM



Visible Light Image



Graph

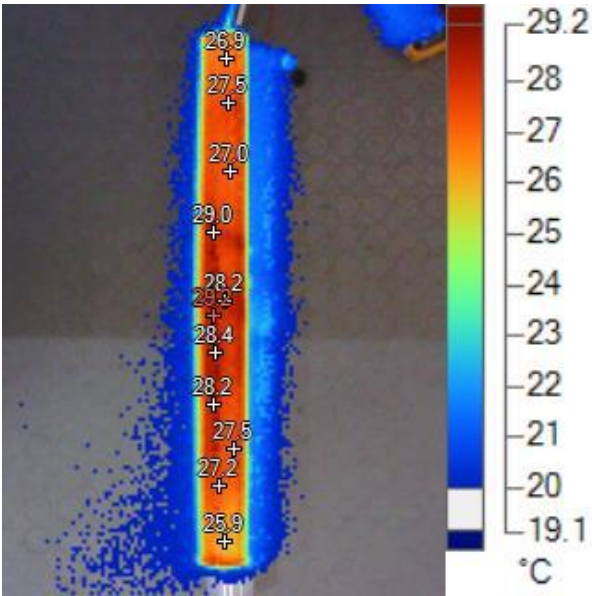
Image Info

Background temperature	26.0°C
Emissivity	0.95
Transmission	1.00
Camera Model	Ti110
IR Sensor Size	120 x 160
Camera Manufacturer	Fluke Thermography

Image Time	12/9/2020 4:44:38 AM
Calibration Range	-10.0°C to 250.0°C

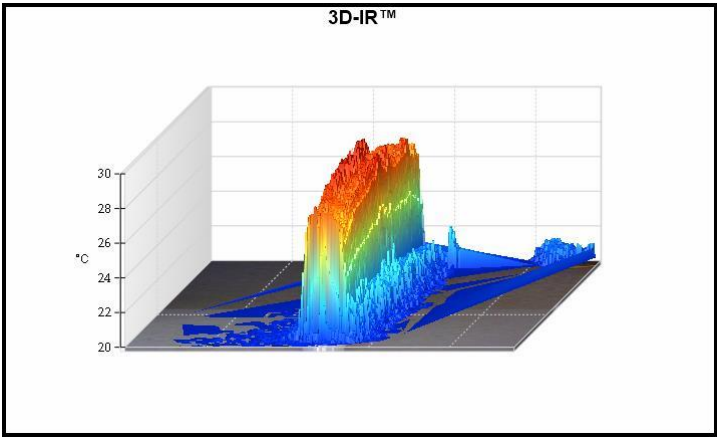
Main Image Markers

Name	Temperature	Emissivity	Background
Centerpoint	20.4°C	0.95	26.0°C
Hot	29.8°C	0.95	26.0°C
P0	27.6°C	0.95	26.0°C
P1	28.2°C	0.95	26.0°C
P2	27.9°C	0.95	26.0°C
P3	27.7°C	0.95	26.0°C
P4	27.0°C	0.95	26.0°C
P5	26.9°C	0.95	26.0°C
P6	26.2°C	0.95	26.0°C
P7	27.2°C	0.95	26.0°C
P8	27.0°C	0.95	26.0°C
P9	25.5°C	0.95	26.0°C



Visible Light Image

IR000495.IS2
12/9/2020 4:44:53 AM



Graph

Image Info

Background temperature	26.0°C
Emissivity	0.95
Transmission	1.00
Camera Model	Ti110
IR Sensor Size	120 x 160
Camera Manufacturer	Fluke Thermography

Image Time	12/9/2020 4:44:53 AM
Calibration Range	-10.0°C to 250.0°C

Main Image Markers

Name	Temperature	Emissivity	Background
Centerpoint	28.2°C	0.95	26.0°C
Hot	29.2°C	0.95	26.0°C
P0	29.0°C	0.95	26.0°C
P1	27.0°C	0.95	26.0°C
P2	27.5°C	0.95	26.0°C
P3	26.9°C	0.95	26.0°C
P4	28.4°C	0.95	26.0°C
P5	28.2°C	0.95	26.0°C
P6	27.5°C	0.95	26.0°C
P7	27.2°C	0.95	26.0°C
P8	25.9°C	0.95	26.0°C