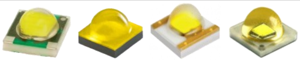
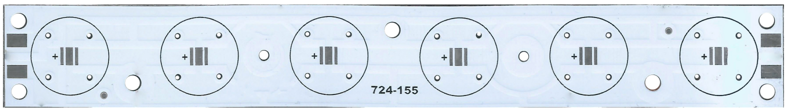
TURLENS
Optics & Reflector
Made in Turkey

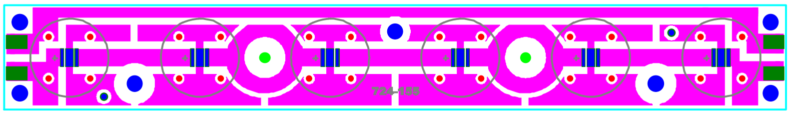
Datasheet

PCB Code-BK-724-155

LED 1w Power







Size: **20 x 150 mm**
Thickness: **1,6 mm**
Weight: **11 g**
Electricity Line: **Copper**
Thickness of copper: **35um**
Thickness of the dielectric: **70um**
Thickness of the aluminum-base: **1.5mm**

Lenses for PCB 724-155:

6 LBC15 D

6 LBC25 D

6 LBC45 D

6 LBC1060 D

6 LBC2050 D

6 LBC 8 D

6 LBC ST

The result of the test:

Item	Test item		Technology request	Unit	Test result
1	Peel Strength	A	≥1.8	N/mm	2.0
		After thermal stress（260℃）	≥1.8	N/mm	1.8
2	Blister test AfterThermal stress（288℃，2min）		288℃ 2 min No delaminating	/	Ok
3	Thermal resistance		≤2.0	℃/W	1.0
4	Thermal-Conductive Factor			W/m·k	1.0
5	Flammability(A)		FV-O	/	FV-O
6	Surface Resistivity	A	≥ 1×10^5	MΩ	5×10^7
		Constant humidity treatment (90%,35℃,96h)	≥ 1×10^5	MΩ	2×10^6
7	Volume Resistivity	A	≥ 1×10^6	MΩ·m	4×10^8
		Constant humidity treatment (90%,35℃,96h)	≥ 1×10^6	MΩ·m	5×10^7
8	Dielectric Breakdown(DC)		≥ 28.5	KV/MM	31
9	Dielectric constant(1MHz) (40℃, 93%, 96h)		≤4.4	/	4.2
10	Dielectric dissipation factor (1MHz) (40℃，93%，96h)		≤0.03	/	0.02