



CANTALUPI srl Y.L.D. TEMPERATURE TEST

Item: PATTY

Glass: Sanded

date: 26 Oct 99

Op.: Eng.C.Guiducci
Room temperature [°C]
Correction
Bulb/s power [W]
Bulb/s power under test
Bulb/s voltage [V]
Bulb/s voltage under test test

Ta =	22
DT =	3
Pn =	10
1,05xPn	10.5
Vn =	24
Vt =	25.5



PROBE	PROBE POSITION	Test T° °C	CorrectT° °C	Test T° °F	CorrectT° °F	Max T°
1	Probe is positioned in contact with reflector	36.00	39.00	96.80	102.20	70°C 158°F
2	Probe is positioned in contact with the lens (central hottest point)					
3	Probe is positioned in contact with switching	36.00	39.00	96.80	102.20	90/80°C 176/194°F
4 if 3>90°	Probe is 25mm (0.98in) away from bottom					90/80°C 176/194°F
5	Probe is positioned on glass of the bulb near to lampholder	67.00	70.00	152.60	158.00	350°C 662°F
6	Probe is positioned on lampholder	100.00	103.00	212.00	217.40	300°C 572°F
7	Probe is positioned on lampholder feeder	98.00	101.00	208.40	213.80	200°C 392°F

Max temperatures :

PVC cable 90° C (if out coming from wall 70° C) - silicone cable 180° C - teflon cable 200° C - PTFE cable 250° C

Switch 60°C - Metallic surfaces in contact 65°C

Lampholder 180° C - if T190 = 190°C - T200 = 200°C - T210 = 210°C - T250 = 250°C - T270 = 270°C - T300 = 300°C

Enlightened surfaces 90°C

Walls and ceilings 90°C (Northern countries 80°C)

PVC cable clamps 75° C

Halogen bulbs 350° C - incandescent bulbs 210° C