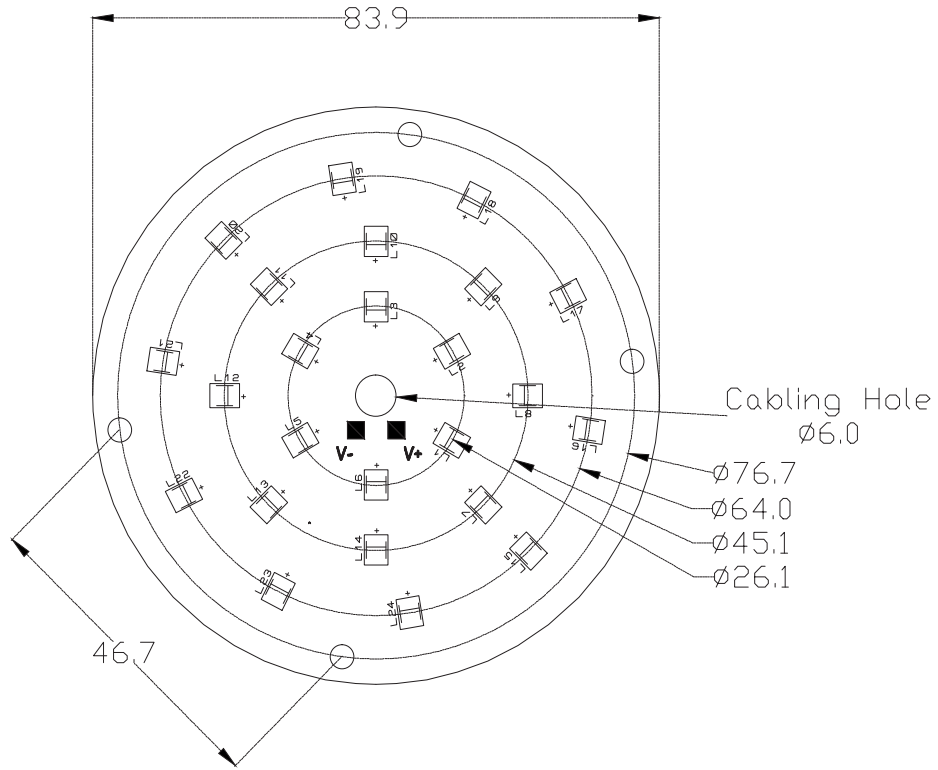


X-MR0084NC-4080-NFSx575G-24 MECHANICAL DRAWINGS



SERBEST BÖLÇÜ TOLERANSLARI -DIN 2768-1 / General Tolerances for linear and angular dimensions (DIN ISO 2768-1)

0.5 up to 3mm	± 0.1	over 3 up to 6mm	± 0.1	over 6 up to 30mm	± 0.2	over 30 up to 120mm	± 0.3	over 120 up to 400mm	± 0.5	over 400 up to 1000mm	± 0.8
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Stack code No : 19864

Revision : 00

Date: 23.01.2017

Sheet : 1

Drawn By : M. KAZAKLI

Checked By : a. SANATSEVER

Approved By : M. CINAR

MALZEME (MATERIAL)

PC

AGIRLIK (WEIGHT)

PARÇA NO
(PART NO) TLS-001-15R0084NC-24

BÖLÇEK / SCALE

A4



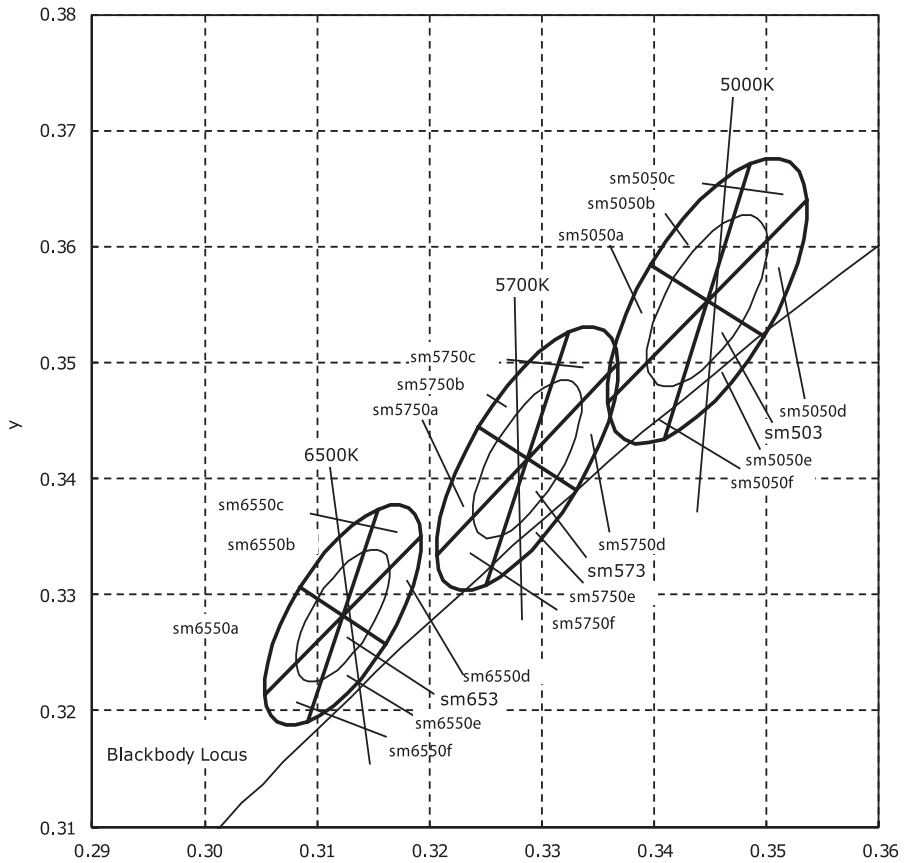
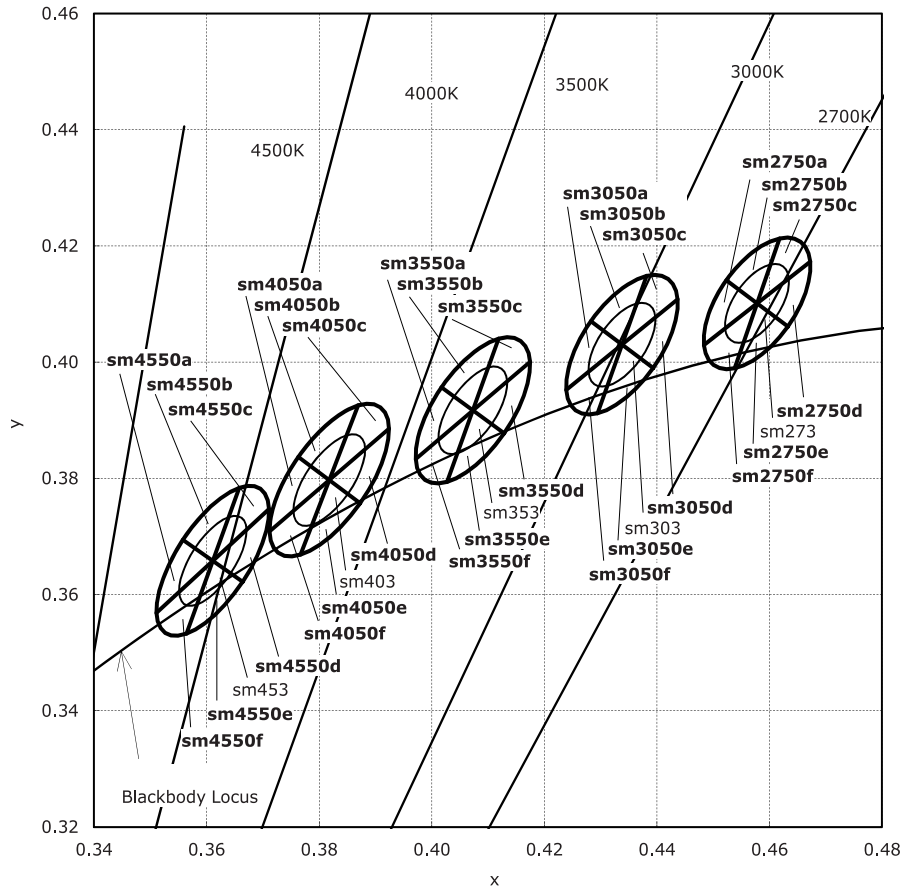
TD Lighting Solutions

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CCT AND BINNING INFORMATION

DATASHEET

X-MR0084NC-4080-NFSx757G-24



LIFETIME PROJECTION & WORST CONDITION PERFORMANCE

MODEL NUMBER: **NFSL757G**

Test Summary:

Data Set	Case Temperature [T _s]	Ambient Temperature [T _a]	Drive Current [I _f]	Lumen Maintenance at 10,000 hours	Chromaticity Shift (Δu'v') at 10,000 hours	TM-21 Projection L ₇₀ (10K)	TM-21 Projection L ₈₀ (10K)	TM-21 Projection L ₉₀ (10K)
1	55 °C	> 50 °C	65 mA	97.9 %	0.0009	> 60000 hours	> 60000 hours	55400 hours
2	55 °C	> 50 °C	150 mA	97.7 %	0.0013	> 60000 hours	> 60000 hours	41800 hours
3	55 °C	> 50 °C	180 mA	97.5 %	0.0015	> 60000 hours	> 60000 hours	38600 hours
4	85 °C	> 80 °C	65 mA	97.5 %	0.0008	> 60000 hours	> 60000 hours	43900 hours
5	85 °C	> 80 °C	150 mA	96.5 %	0.0017	> 60000 hours	> 60000 hours	31300 hours
6	85 °C	> 80 °C	180 mA	96.0 %	0.0018	> 60000 hours	56100 hours	26600 hours
7	105 °C	> 100 °C	65 mA	94.9 %	0.0016	> 60000 hours	40600 hours	19700 hours
8	105 °C	> 100 °C	150 mA	91.9 %	0.0029	39500 hours	25000 hours	12200 hours
9	105 °C	> 100 °C	180 mA	91.4 %	0.0030	36400 hours	23200 hours	11600 hours

Data Set 6 : 105°C, 120mA

Test Duration used	0-6000 hrs
B	1,0107
α	2,0007E-01

Curve-fit equation:
 $\Phi(t) = B \exp(-at)$

Lumen maintenance life equation:
 $L_{70} = \ln(B/0.7)/\alpha$

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