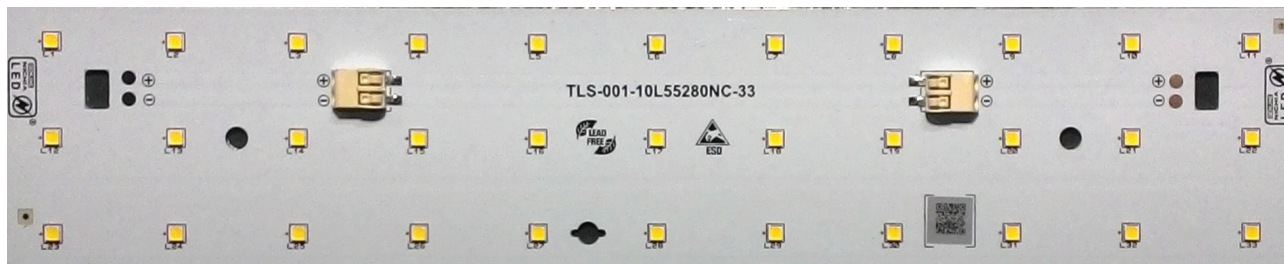
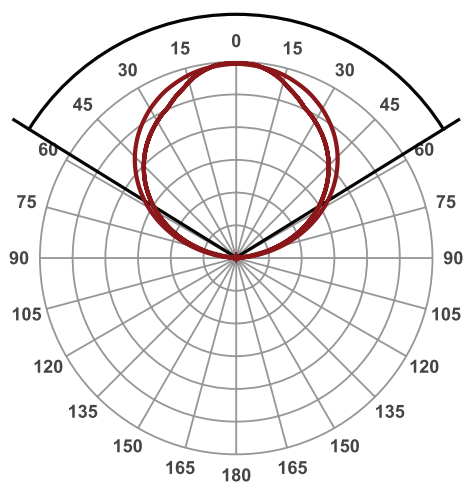


SPECIFICATIONS



PHOTOMETRY

Beam angle **120°** (8 C-PLANES)



FEATURES

ORDER CODE X-ML55280NCxx-NFSx757G-33

Default driving method is constant current inputs.
Ask for alternatives depending on your project.

IES and LDT Files Provided Upon Request



For your orders please call us:

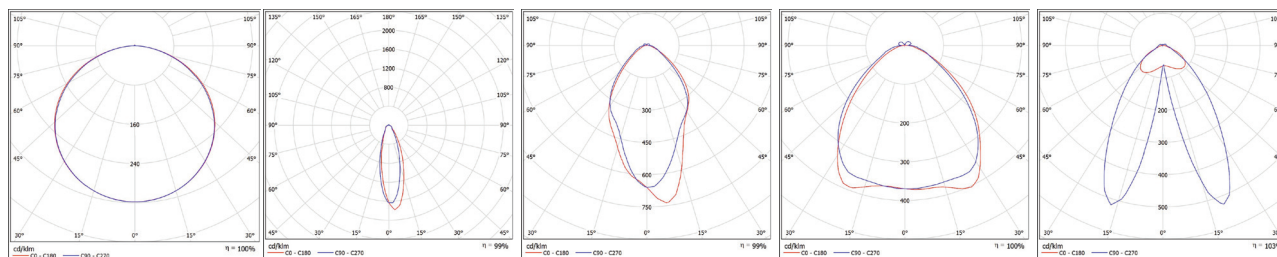
+90 444 27 33

APPLICATIONS



Low Bay Lighting High Bay Lighting Very High Bay Lighting Retail / Shop Lighting Office Lighting

PHOTOMETRY



W/O LENS

TLS33NI-W61L286-30

TLS33NI-W61L286-60

TLS33NI-W61L286-90

TLS33NI-W61L286-SYM





Lens Positioning
Pin Holes
2x8.6mm

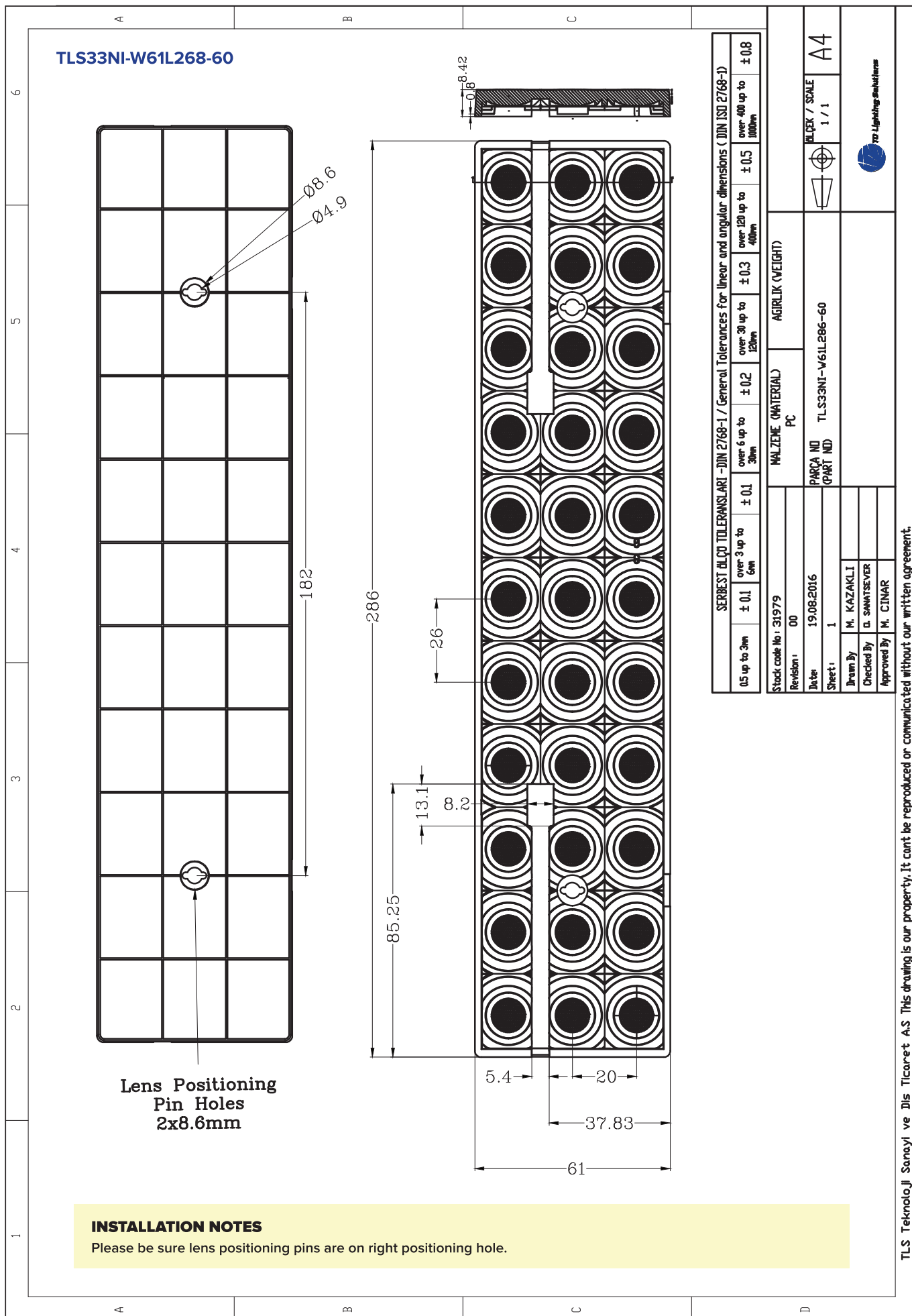
INSTALLATION NOTES

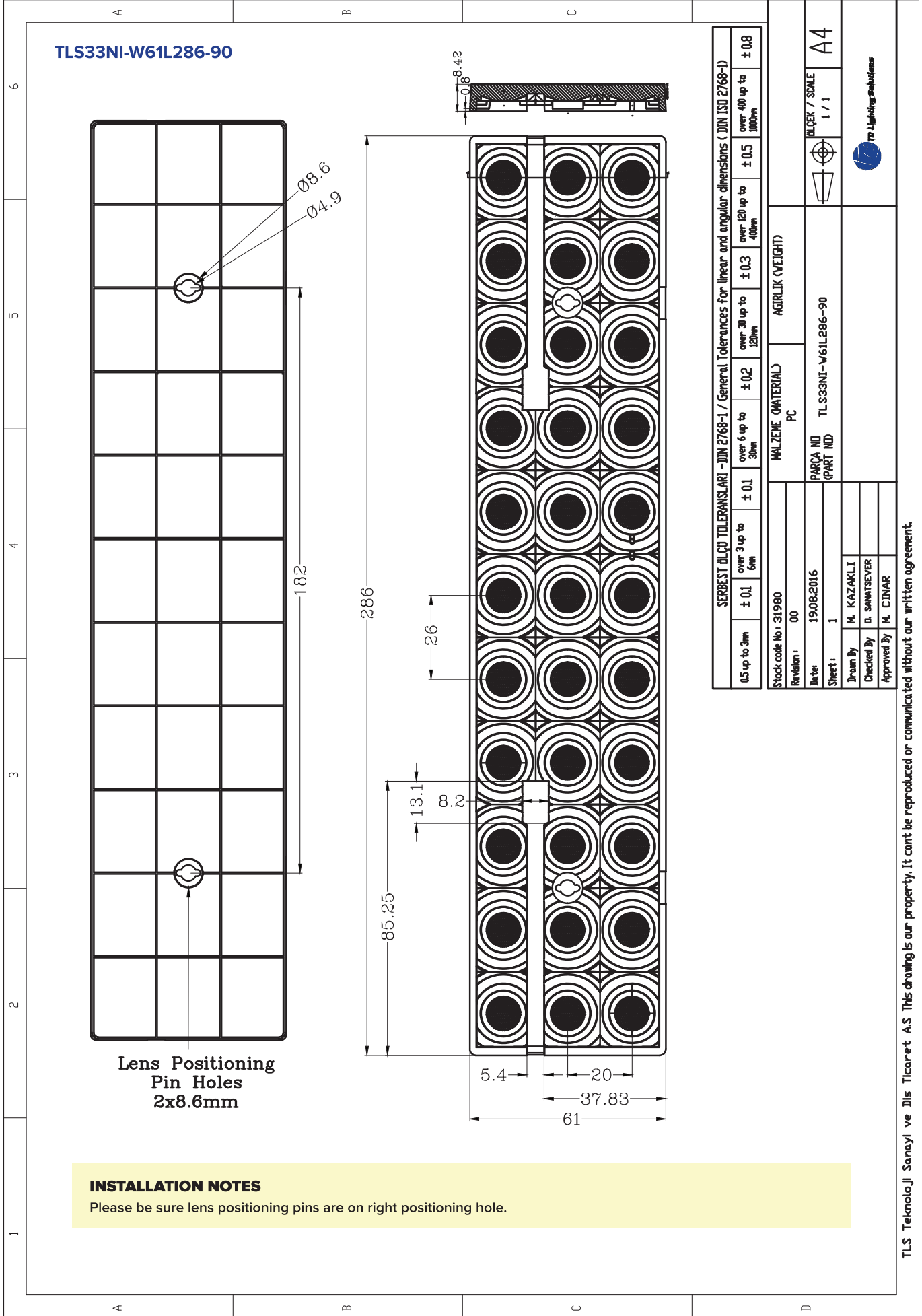
Please be sure lens positioning pins are on right positioning hole.

SERBEST ALÇU 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

Stock code No : 31978		MALZEME (MATERIAL)		AGIRLIK (WEIGHT)	
Revision : 00		PC			
Date : 19.08.2016		PARÇA NO (PART NO)		TLS33NI-V61L286-30	
Sheet : 1				A4	
Drawn By : M. KAZAKLI					
Checked By : D. SAWATSEVER					
Approved By : M. CINAR					

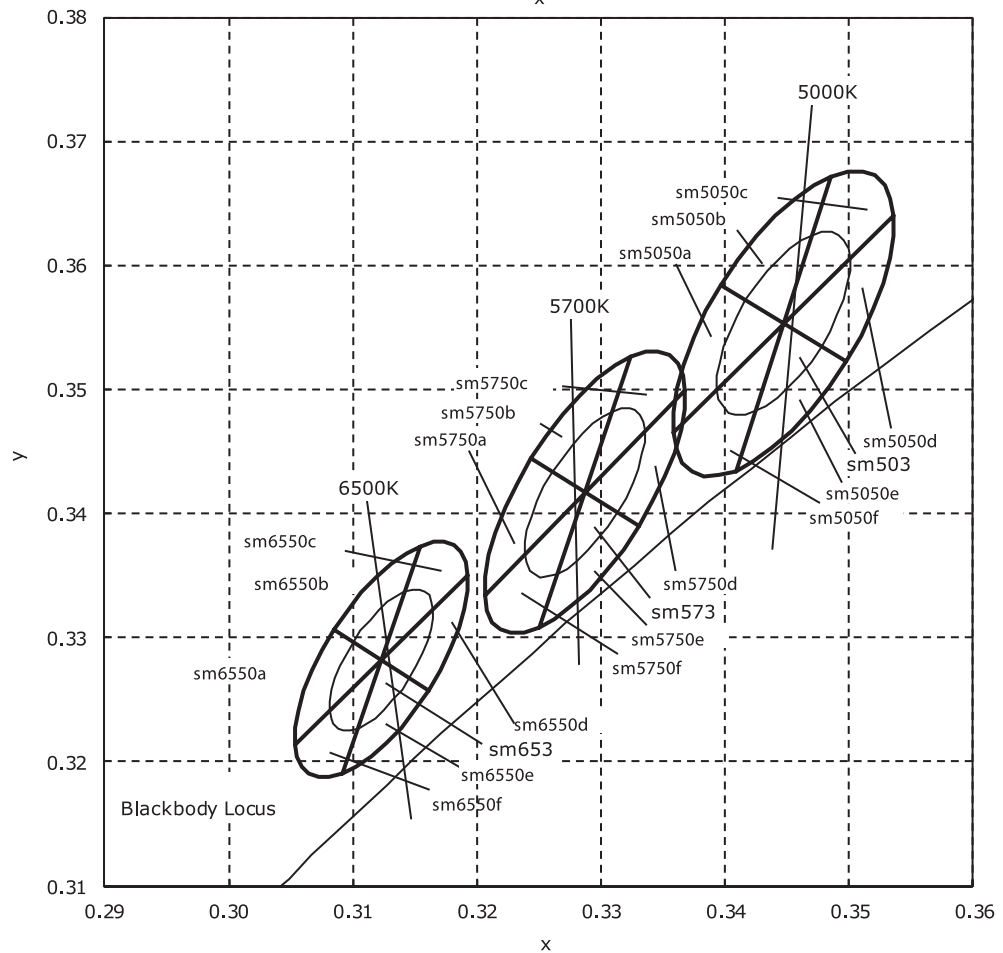
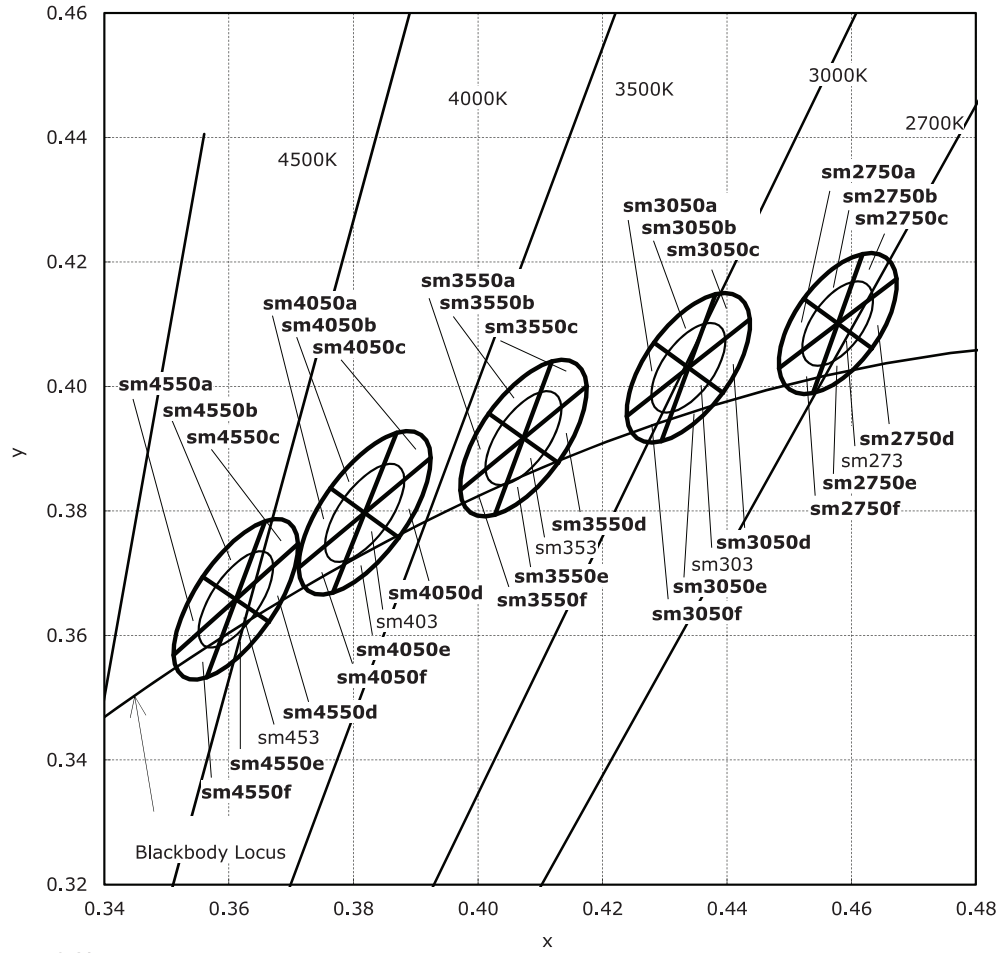
TLS Teknoloji Sanayi ve Dis Ticaret A.S This drawing is our property. It cant be reproduced or communicated without our written agreement.







CCT AND BINNING INFORMATION



LIFETIME PROJECTION & WORST CONDITION PERFORMANCE

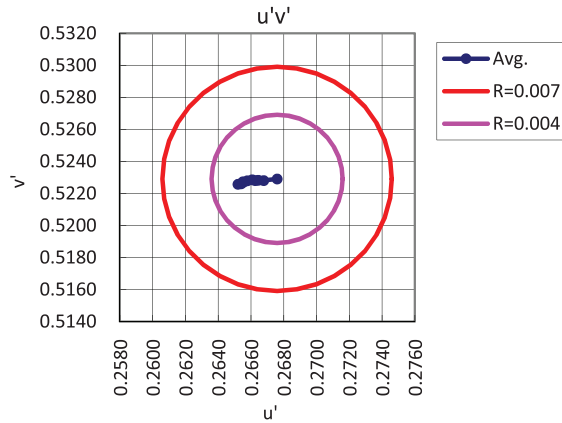
MODEL NUMBER: **NF2L757GR**

Data Set	Case Temperature [T _S]	Ambient Temperature [T _A]	Drive Current [I _F]	Lumen Maintenance at 6,000 hours	Chromaticity Shift (Δu'v') at 6,000 hours	TM-21 Projection L ₇₀ (6K)
1	55 °C	> 50 °C	100 mA	97.7 %	0.0016	> 36000 hours
2	55 °C	> 50 °C	150 mA	97.5 %	0.0021	> 36000 hours
3	85 °C	> 80 °C	100 mA	95.2 %	0.0019	> 36000 hours
4	85 °C	> 80 °C	150 mA	94.7 %	0.0024	> 36000 hours

Data Set 4 : 85 °C, 150 mA

Actual Case Temperature [T _S]	87.4 °C
Actual Ambient Temperature [T _A]	84.7 °C
Drive Current [I _F]	150 mA
Measurement Current	150 mA

NOTES:

T_S and T_A were measured during initial setup.

Test duration used	1000 h	to	6000 h
B	0.9963		
α	8.3685E-06		
R ²	0.9989		
Calculated L ₇₀ (6K)	42200	hours	
Reported L ₇₀ (6K)	> 36000	hours	

Curve-fit equation:

$$\Phi(t) = B \exp(-\alpha t)$$

Lumen maintenance life equation:

$$L_{70} = \ln(B/0.7)/\alpha$$

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