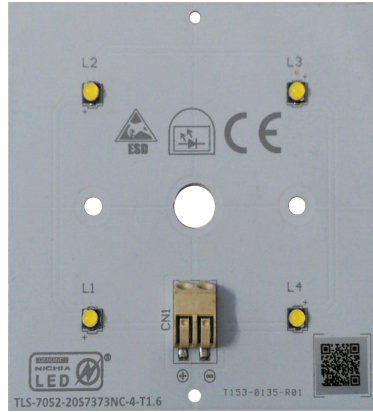




## PRODUCT PHOTO



## SPECIFICATIONS

- Default driving method is constant current input.
- CCT Range from 2000°K up to 6500°K
- Luminous flux range from 677 lm to 2222 lm
- Efficacy of the module up to 164 lm/W
- CRI 70 is standart, CRI 80 and CRI 90 are available
- Outstanding system color tolerance MacAdam 3 over the full operating area
- Simple installation
- Long life-time > 60,000 hours
- 5 years guarantee at specified conditions



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**+90 444 27 33**

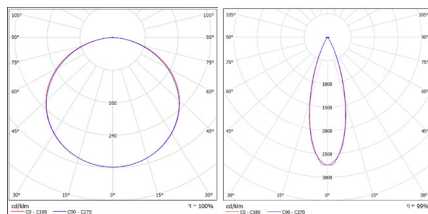
## APPLICATIONS



Interior  
Architectural  
Lighting

Flood Light

## PHOTOMETRY



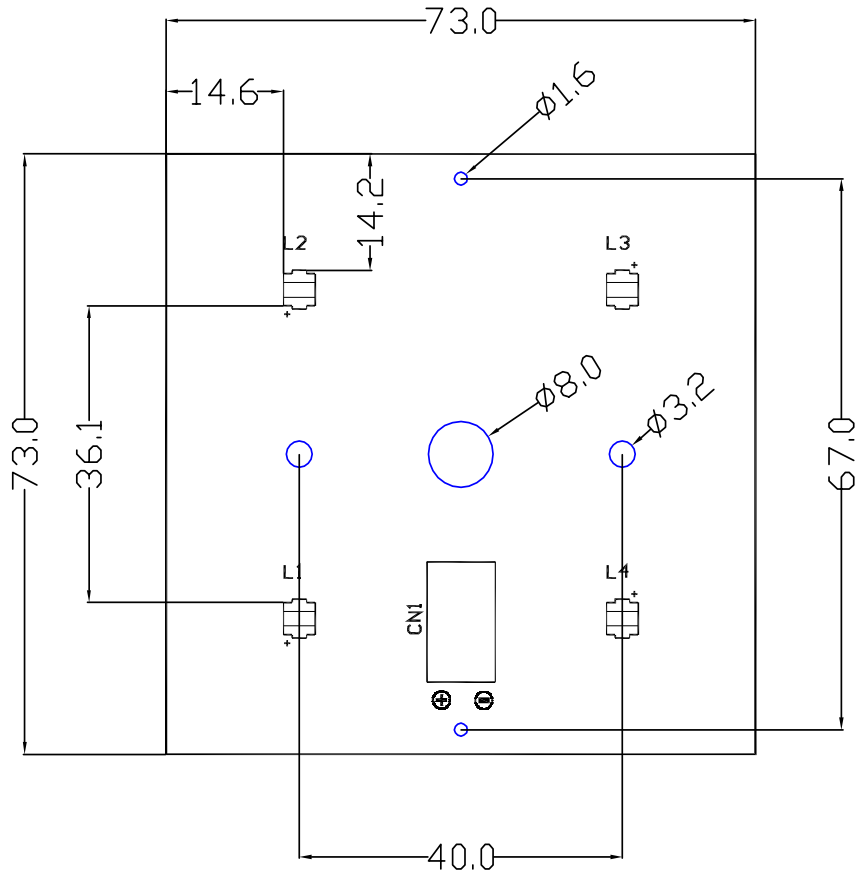
W/O LENS

LEDIL FLORENTI-  
NA-2X2-SHD







## X-MS7373NC50-NVSW319AT-4 MECHANICAL DRAWINGS



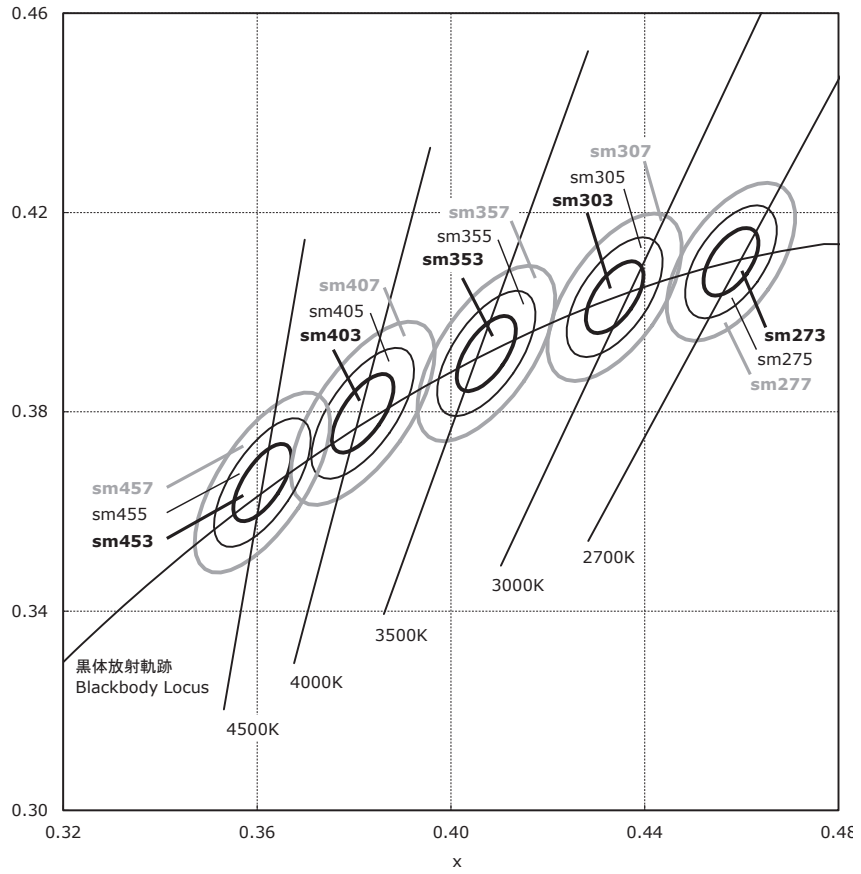
SERBEST ÖLÇÜ TOLERANSLARI -DIN 2768-1 / General Tolerances for linear and angular dimensions (DIN ISO 2768-1)

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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Stock code No : 3970	MALZEME (MATERIAL) PC	AGIRLIK (WEIGHT)	 ÖLÇEK / SCALE A4
Revision : 00	PARÇA NO (PART NO) TLS-7052-20S7373NC-4-T1.6		
Date : 17.11.2017			 <b>TD Lighting Solutions</b>
Sheet : 1			
Drawn By : M. KAZAKLI			
Checked By : D. SANATSEVER			
Approved By : M. CINAR			

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CCT AND BINNING INFORMATION



## LIFETIME PROJECTION & WORST CONDITION PERFORMANCE

MODEL NUMBER: **NVSW319A**

### Test Summary:

Data Set	Case Temperature [T <sub>s</sub> ]	Ambient Temperature [T <sub>A</sub> ]	Drive Current [I <sub>r</sub> ]	Lumen Maintenance at 10,000 hours	Chromaticity Shift (Δu'v')	TM-21 Projection L <sub>70</sub> (10K)	TM-21 Projection L <sub>80</sub> (10K)	TM-21 Projection L <sub>90</sub> (10K)
1	55 °C	> 50 °C	700 mA	99.0 %	0.0015	> 60000 hours	> 60000 hours	> 60000 hours
2	55 °C	> 50 °C	1500 mA	98.1 %	0.0016	> 60000 hours	> 60000 hours	> 60000 hours
3	85 °C	> 80 °C	700 mA	98.5 %	0.0014	> 60000 hours	> 60000 hours	> 60000 hours
4	85 °C	> 80 °C	1200 mA	98.1 %	0.0018	> 60000 hours	> 60000 hours	> 60000 hours
5	85 °C	> 80 °C	1500 mA	97.9 %	0.0021	> 60000 hours	> 60000 hours	> 60000 hours
6	105 °C	> 100 °C	700 mA	97.7 %	0.0019	> 60000 hours	> 60000 hours	> 60000 hours
7	105 °C	> 100 °C	1200 mA	97.5 %	0.0025	> 60000 hours	> 60000 hours	> 60000 hours
8	105 °C	> 100 °C	1500 mA	97.0 %	0.0030	> 60000 hours	> 60000 hours	50900 hours
9	120 °C	> 115 °C	1200 mA	95.5 %	0.0041	> 60000 hours	> 60000 hours	30000 hours

Data Set 6 : 105°C, 120mA

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

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

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

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