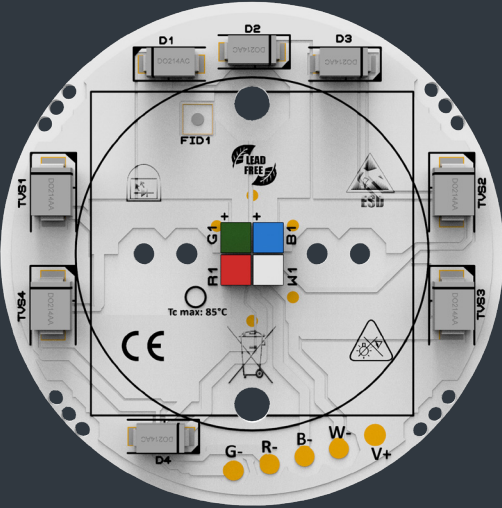




TD Lighting Solutions

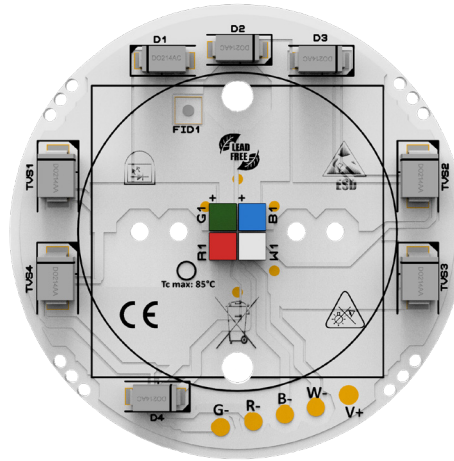


X-MR050NC-NCSxE17AT-4-RGBW-T1

Round Series

www.tlsteknoloji.com

PRODUCT PHOTO



SPECIFICATIONS

- Default driving method is constant current input
- CCT Range is selectable R-G-B-W options.
- Luminous flux range from 51 lm to 416lm
- Efficacy of the module up to 195 lm/W
- Outstanding system color tolerance MacAdam 3 over the full operating area
- Simple installation (e.g. screw)
- Long life-time > 60,000 hours
- 5 years guarantee at specified conditions



For your orders please call us:

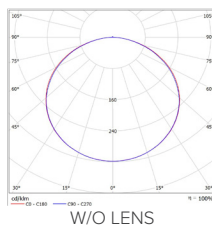
+90 444 27 33

APPLICATIONS



Architectural
Lighting

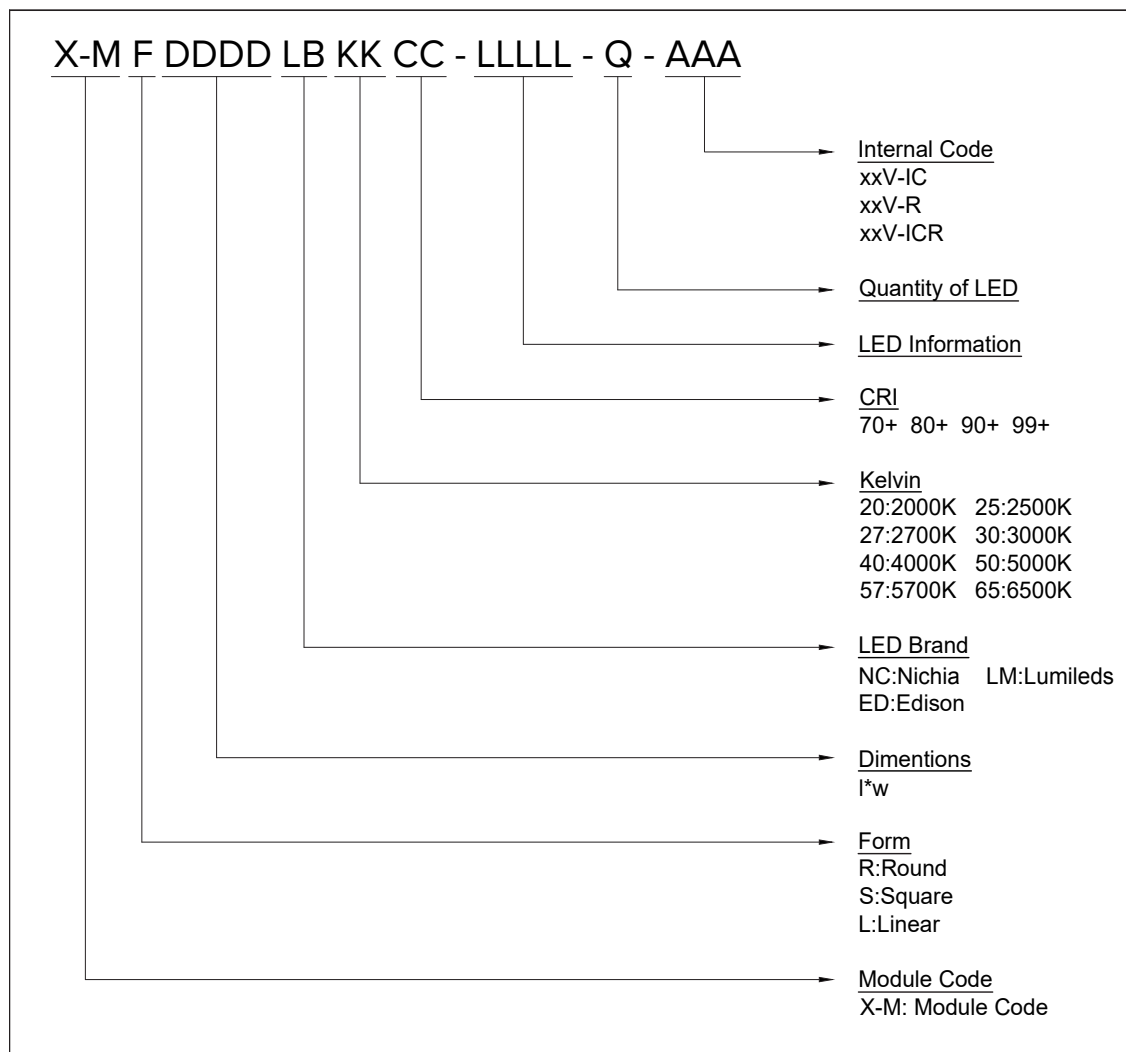
PHOTOMETRY



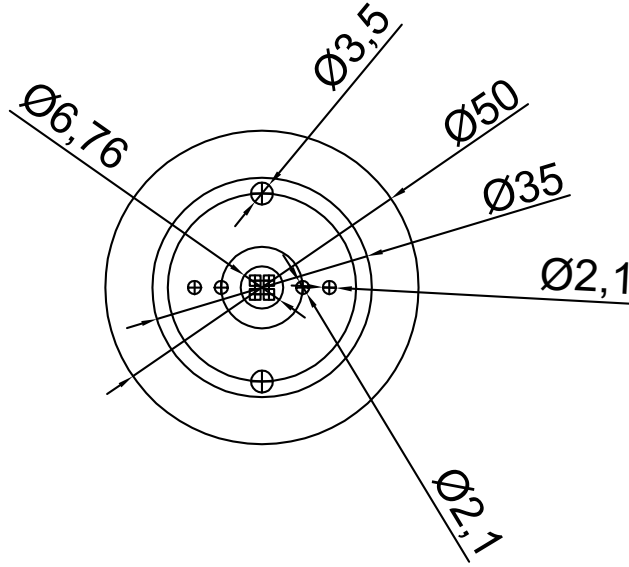
TECHNICAL DATA

Beam Angle	Red 130°
	Green 145°
	Blue 125°
	White 120°
Ambient temperature range	-25° ~ +55°C
Tc max	100°C
Max. DC forward current	700mA
Typical voltage of LED Module at max current- R	3,05 V
Typical voltage of LED Module at max current- G	3,05 V
Typical voltage of LED Module at max current- B	2,98 V
Typical voltage of LED Module at max current-W	3,05 V
Insulation test voltage	2kV
ESD classification	Class 1
Risk group (EN 62471:2008)	2
Type of protection	IP00

ORDERING INFORMATION



X-MR050NC-NCSxE17AT-4-RGBW-T1 MECHANICAL DRAWINGS



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

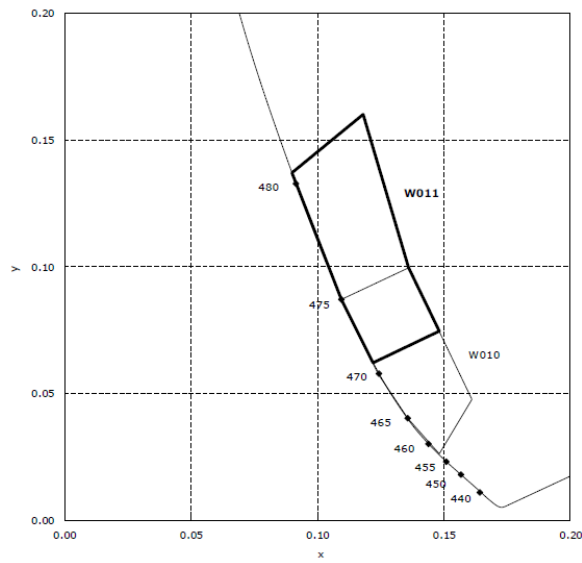
0.5 up to 3mm		over 3 up to 6mm		over 6 up to 30mm		over 30 up to 120mm		over 120 up to 400mm		over 400 up to 1000mm	
± 0.1		± 0.1		± 0.2		± 0.3		± 0.5		± 0.8	
Stock code No				MALZEME (MATERIAL)		AGIRLIK (WEIGHT)					
Revision	00			XXX		XXX					
Date	07.09.2021			TLS-200164-10R050NC17-4-RGBW-T1						OLÇEK / SCALE	A4
Sheet											
Drawn By	Kaan ALTINTEN										
Checked By	Kaan ALTINTEN										
Approved By	Utku OZTURK										

TLS Teknoloji Sanayi ve Dis Ticaret A.S

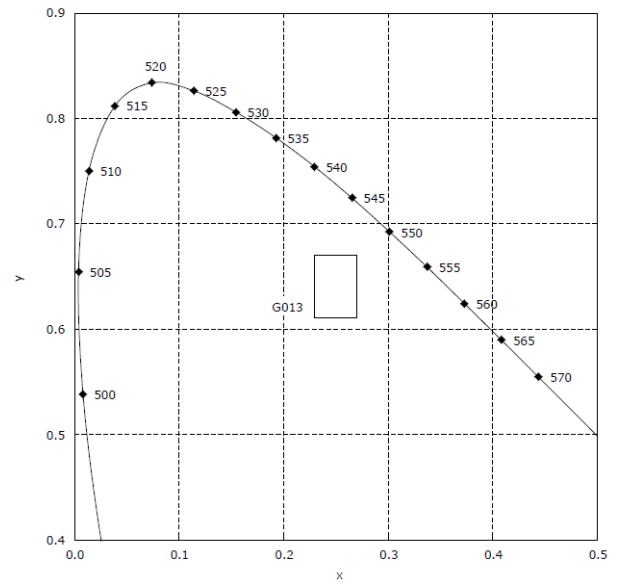
This drawing is our property. It cant be reproduced or communicated without our written agreement.

CCT AND BINNING INFORMATION

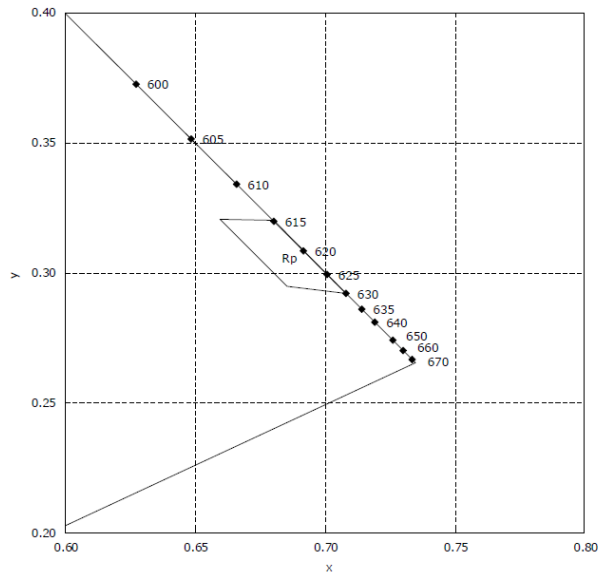
BLUE



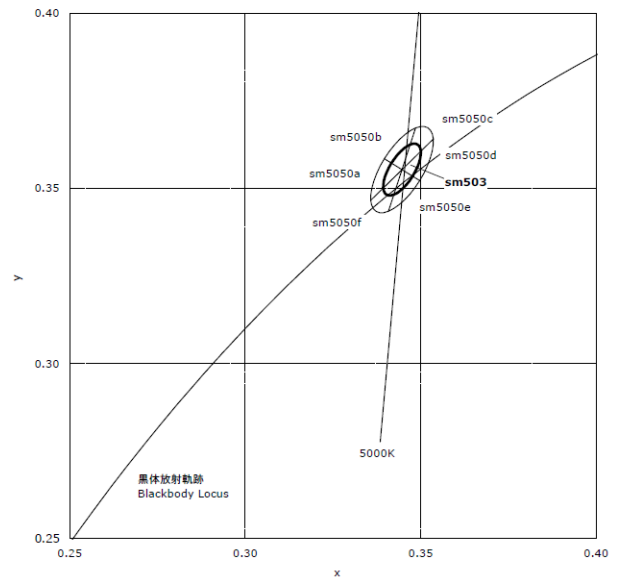
GREEN



RED



WHITE



LIFE TIME

MODEL NUMBER: NCSxE17AT



Report No. : SQETMP968102

LM-80 Test Report

NCSLE17A

Issue Date: March 1, 2016 Revision Date: August 2, 2016
 Test Initiation Date: April 21, 2015 Test Completion Date: July 21, 2016
 Test Duration: 10,000 hours Report Number: SQETMP968102

Customer Information:

Company Name: Nichia Corporation
 Address: 491-100, Oka, Kaminaka-cho, Anan-shi, Tokushima, 774-8601, JAPAN

Description of Test Samples:

Classification: LED Package
 Model Name: Warm White LED
 Model Number: NCSLE17A (Nominal CCT: 2700 K)

Test Summary:

Data Set	Case Temperature [Ta]	Ambient Temperature [Ta]	Drive Current [Ia]	Lumen Maintenance at 10,000 hours	Chromaticity Shift ($\Delta u/v$) at 10,000 hours	TM-21 Projection L ₆₀ (10K)	TM-21 Projection L ₆₀ (10K)	TM-21 Projection L ₆₀ (10K)
1	85 °C	> 80 °C	700 mA	95.2 %	0.0014	> 60000 hours	> 60000 hours	31200 hours
2	105 °C	> 100 °C	350 mA	95.8 %	0.0015	> 60000 hours	> 60000 hours	40400 hours
3	105 °C	> 100 °C	700 mA	93.3 %	0.0019	> 60000 hours	40700 hours	17500 hours
4	120 °C	> 115 °C	350 mA	95.0 %	0.0015	> 60000 hours	> 60000 hours	33100 hours



Approved Signatory:

Hitoshi TOHYAMA, Lab Manager

Nichia Corporation LED Testing Laboratory

1-1, Tatsumi-Cho, Anan-Shi, TOKUSHIMA 774-0001, JAPAN

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