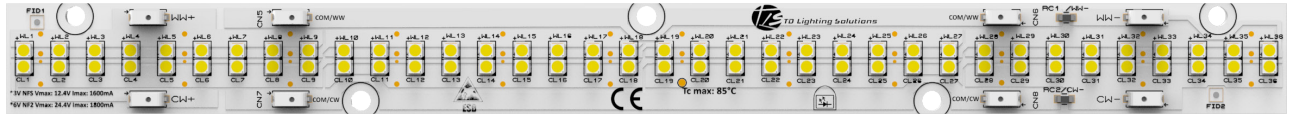


PRODUCT PHOTO



SPECIFICATIONS

- Default driving method is constant current input.
- CCT Range adjustable from 2700K to 5000K
- This module has 2 channels and each channel can be connected as 9 Series 4 Parallels.
- Luminous flux range from 1215 lm to 2629 lm
- Efficacy of the module up to 190 lm/W
- CRI 80+ is standard
- 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



Industrial
Lighting



Office Lighting

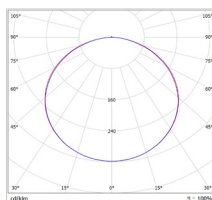


School Lighting



Hospital Lighting

PHOTOMETRY

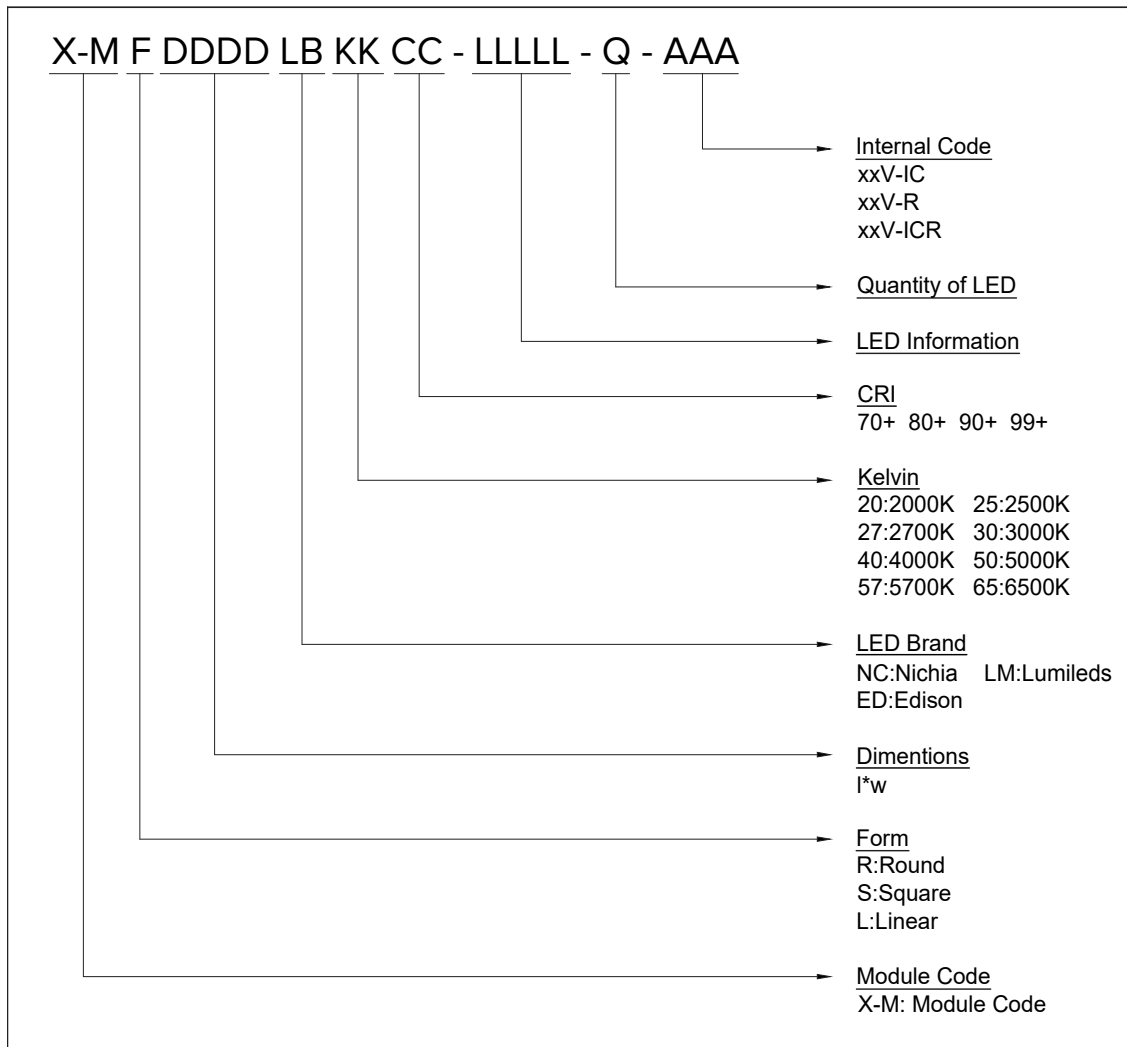


W/O LENS

TECHNICAL DATA

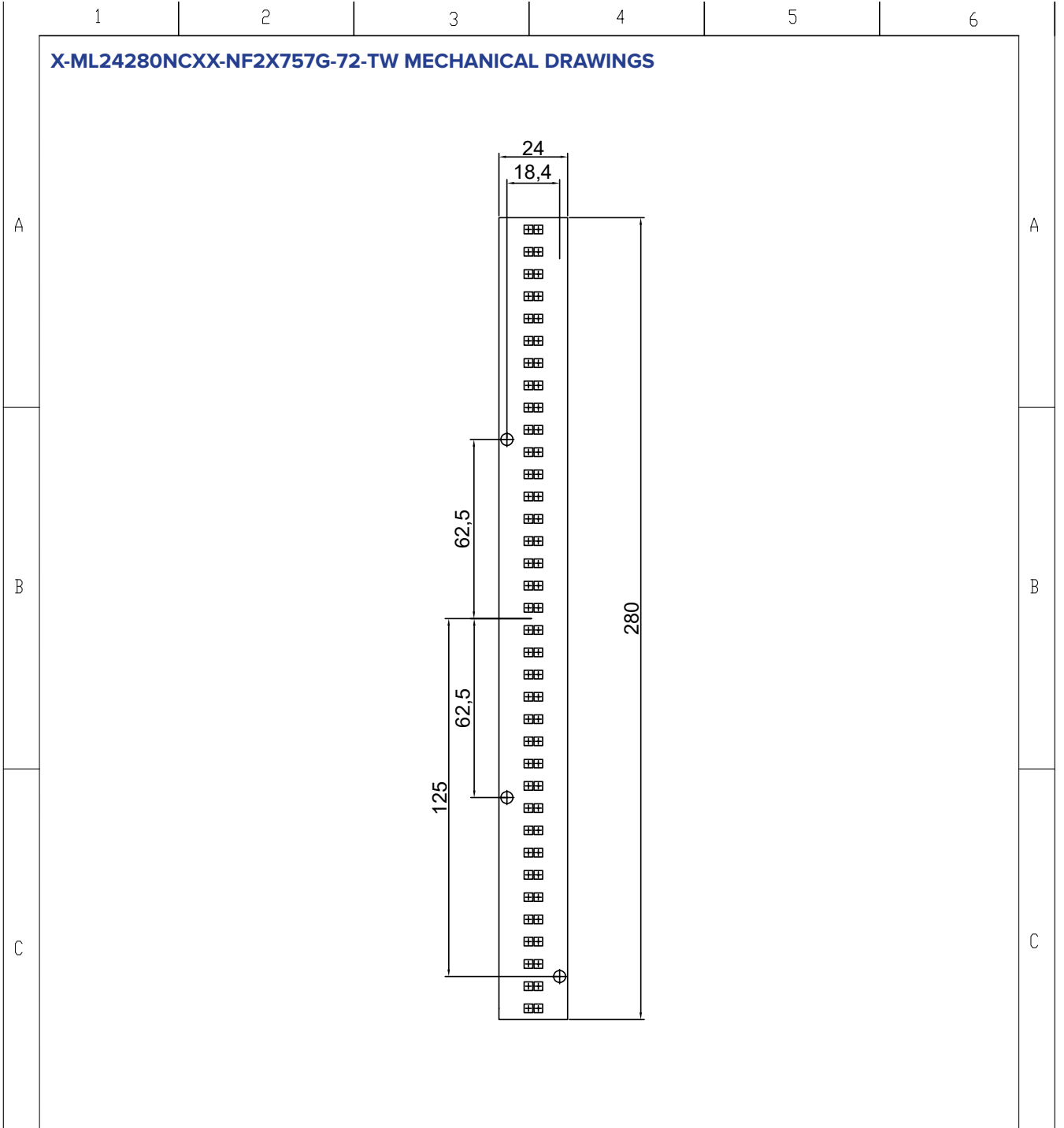
Beam Angle	120°
Ambient temperature range	-25° ~ +55°C
Tc max	100°C
Max. DC forward current	1400mA
Typical voltage of LED Module at max current	72 V
Insulation test voltage	2kV
ESD classification	Class 1
Risk group (EN 62471:2008)	RG2
Type of protection	IP00

ORDERING INFORMATION




DRIVING CURRENT VS LUMEN OUTPUT SPECIFICATION

Common Characteristic [Tj : 85°C] ;				
Module Code	X-ML24280NCXX-NF2X757G-72-TW			
PCB Material	ALU	Electrical Connection		
Kalvin			5000K	2700K
Operating Temperature (°C)	-25 ~ +100°C	Parallel	4	4
Storage Temperature (°C)	-25 ~ +85°C	Series	9	9
Thermal Conductivity (W/m-K)	1>	LED Quantity	36	36
LED	NF2W757GT-V3F1_RvX0b			
Correlated Color Temperature (CCT)	5000K			
Color Rendering Index (CRI)	80+			
Module Operating Voltage (V)	25	25	26	
Module Operating Current (mA)	350	500	600	
Branch Operating Current (mA)	88	125	150	
Module Power (W)	8,82	12,60	15,66	
Module Light Output (lm)	1.673	2.151	2.629	
Module Efficiency (lm/W)	190	171	168	
LED	NF2L757GT-F1_RfX00			
Correlated Color Temperature (CCT)	2700K			
Color Rendering Index (CRI)	90+			
Module Operating Voltage (V)	25	25	26	
Module Operating Current (mA)	350	500	600	
Branch Operating Current (mA)	88	125	150	
Module Power (W)	8,82	12,60	15,88	
Module Light Output (lm)	1.215	1.562	1.909	
Module Efficiency (lm/W)	138	124	120	



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	27.01.2021	X-ML24280NCXX-NF2X575G-72-TW		OLÇEK / SCALE	A4
Sheet					
Drawn By	Kaan ALTINTEN			 TLS Lighting Solutions	
Checked By	Ibrahim OKMEN				
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.

LEGAL NOTICE

Product information provided by TLS Teknoloji Sistemleri San ve Dış Tic AŞ ("TLS") in this document is believed to be correct and accurate. TLS reserves the right to change/correct the specifications and other data or information relating to products without notice but TLS accepts no liability for errors that may appear in this document, howsoever occurring, or liability arising from the use or application of any information or data provided herein. Neither the supply of such information, nor the purchase or use of products conveys any licence or permission under patent, copyright, trademark or other intellectual property right of TLS or third parties.

Products sold by TLS are subject to its standard Terms and Conditions of Sale that are available on request. No warranty is given that products do not infringe the intellectual property rights of third parties, and furthermore, the use of products in certain ways or in combination with TLS, or non-TLS furnished equipments/components may infringe intellectual property rights of TLS.

The purpose of this document is to provide information only and it may not be used, applied or reproduced (in whole or in part) for any purpose nor be taken as a representation relating to the products in question. No warranty or guarantee express or implied is made concerning the capability, performance or suitability of any product, and information concerning possible applications or methods of use is provided for guidance only and not as a recommendation. The user is solely responsible for determining the performance and suitability of the product in any application and checking that any specification or data it seeks to rely on has not been superseded.

Products are intended for normal commercial applications. For applications requiring unusual environmental requirements, extended temperature range, or high reliability capability (e.g. military, or medical applications), special processing/testing/conditions of sale may be available on application to TLS.

CONTACT

TLS Teknoloji Sistemleri San ve Dış Tic AŞ

Akçaburgaz Mahallesi 3080. Sokak No:5 Esenyurt / İstanbul / TURKEY

info@tlsteknoloji.com
+90 444 27 33