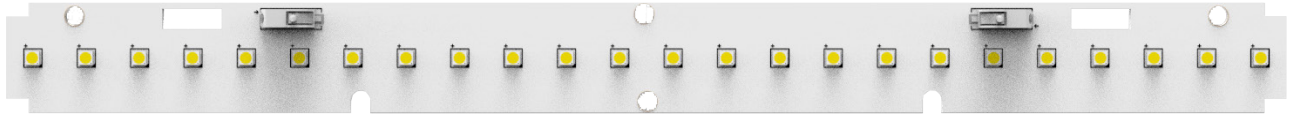




## PRODUCT PHOTO



## SPECIFICATIONS

- Default driving method is constant current input
- CCT Range from 2000°K up to 6500°K
- Luminous flux range from 685 lm to 1361 lm
- Efficacy of the module up to 190 lm/W
- CRI 80 is standart, CRI 70 and CRI 90 are available
- 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



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## APPLICATIONS

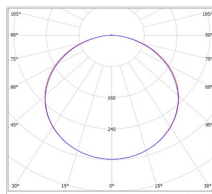


Cove Light

Celling Lighting

Office Lighting

## PHOTOMETRY

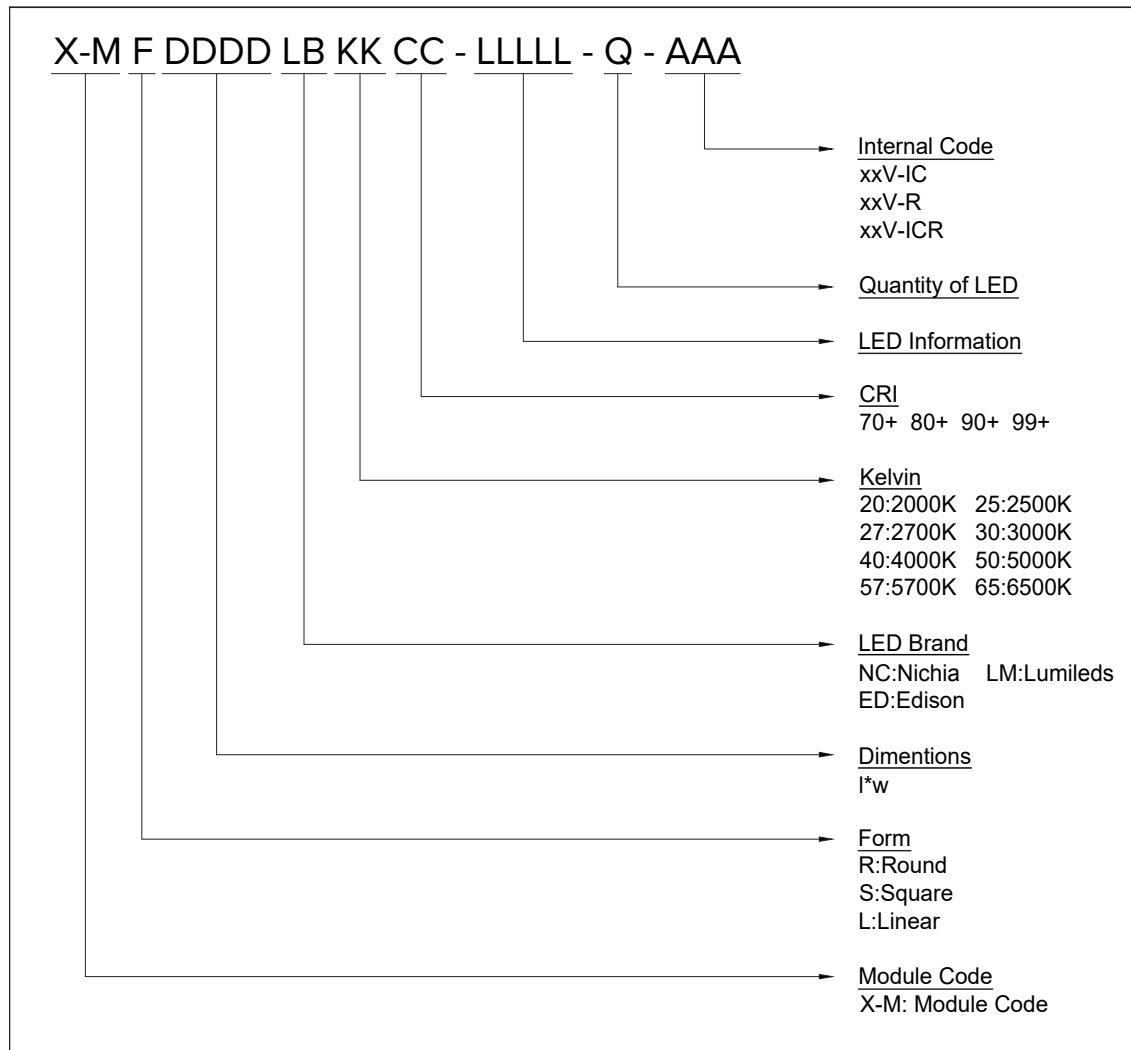


W/O LENS

## TECHNICAL DATA

Beam Angle	120°
Ambient temperature range	-25° ~ +55°C
Tc max	85°C
Max. DC forward current	700mA
Typical voltage of LED Module at max current	12V
Insulation test voltage	2kV
ESD classification	Class 1
Risk group (EN 62471:2008)	2
Type of protection	IP00

## ORDERING INFORMATION



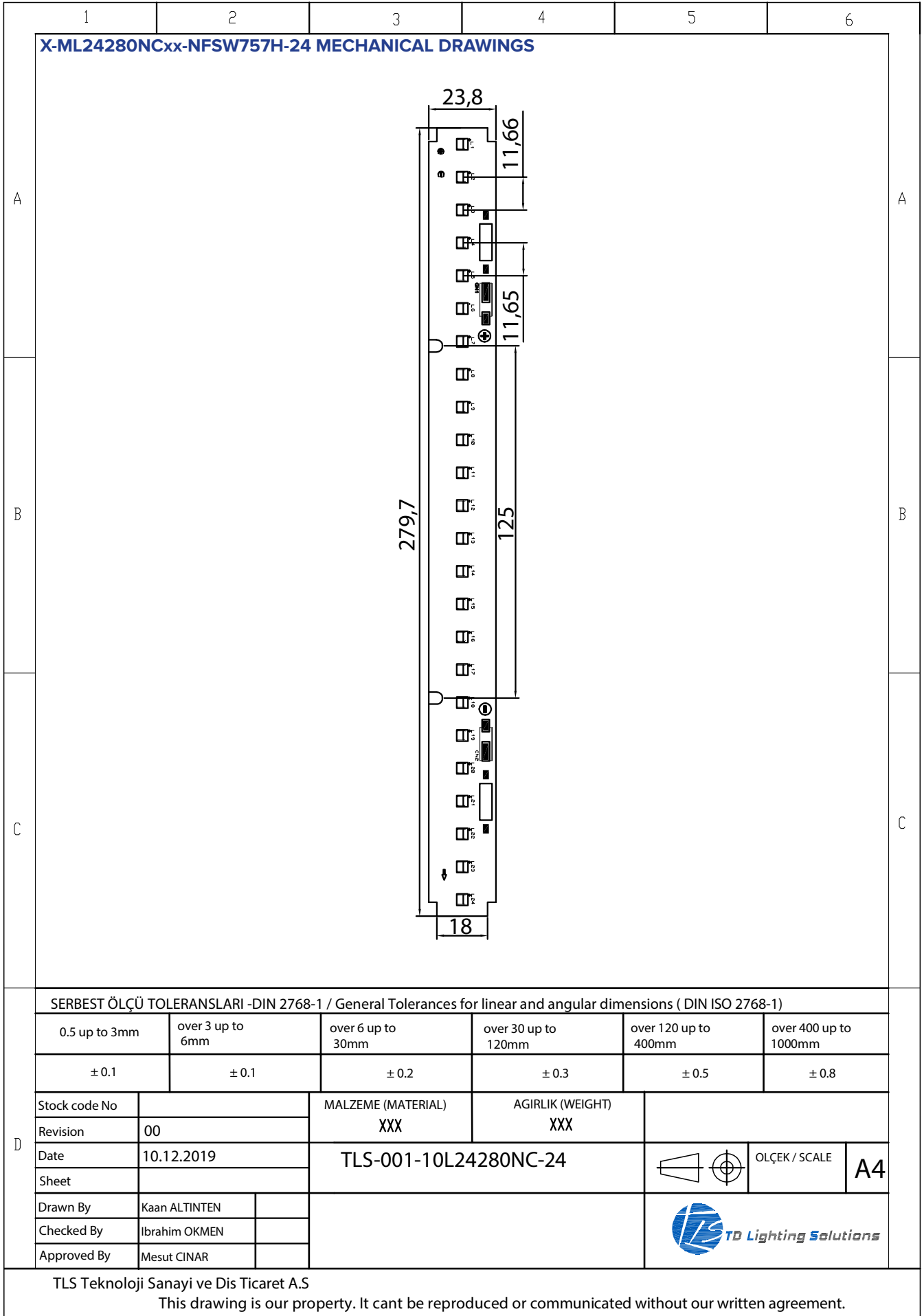
## DRIVING CURRENT VS LUMEN OUTPUT SPECIFICATION

Common Characteristic [ @Tj : 85°C ] ;			
Module Code	X-ML24280NCxx-NFSW757H-24		
PCB Material	ALU	Electrical Connection	
Operating Temperature (°C)	-40 ~ +85	Parallel	6
Storage Temperature (°C)	-40 ~ +55	Series	4
Thermal Conductivity (W/m-K)	1>	LED Quantity	24
<b>LED NFSW757H_R8000</b>			
Correlated Color Temperature (CCT)	4000K		
Color Rendering Index (CRI)	80+		
Module Operating Voltage (V)	10,88	11,20	11,60
Module Operating Current (mA)	350	500	700
Branch Operating Current (mA)	58	83	117
Module Power (W)	3,81	5,60	8,12
Module Light Output (lm)	685	963	1.283
Module Efficiency (lm/W)	180	172	158
<b>LED NF2W757H-F1_R8000</b>			
Correlated Color Temperature (CCT)	4000K		
Color Rendering Index (CRI)	80+		
Module Operating Voltage (V)	10,72	11,16	11,44
Module Operating Current (mA)	350	500	700
Branch Operating Current (mA)	58	83	117
Module Power (W)	3,75	5,58	8,01
Module Light Output (lm)	713	1.004	1.361
Module Efficiency (lm/W)	190	180	170

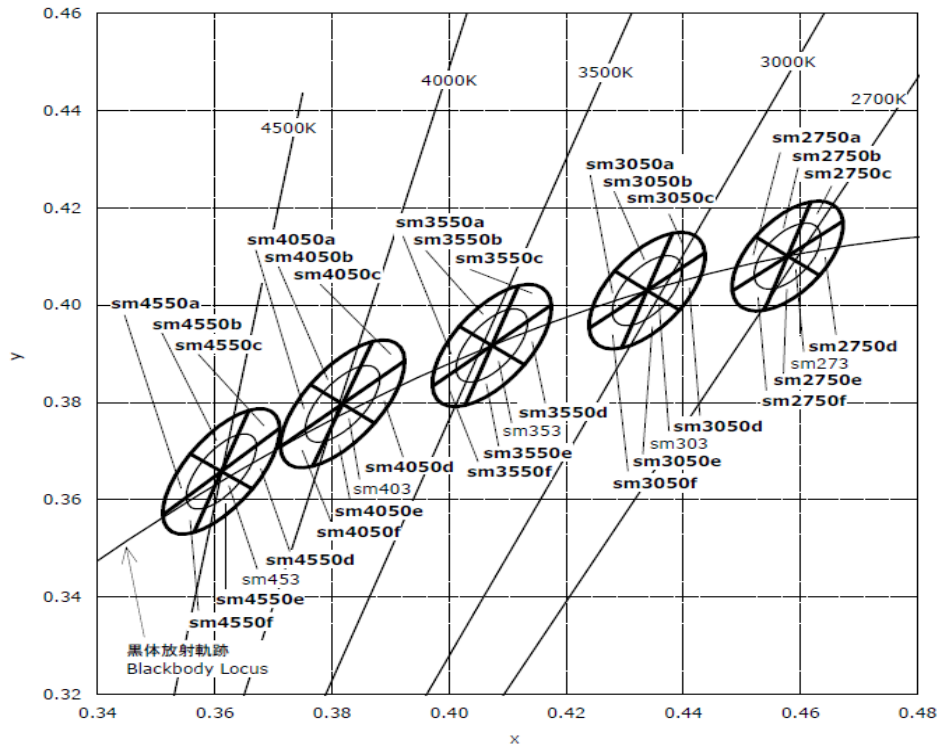
The table below shows how to Module Light Output changes depending on CCT (°K)

LED	Lumen Output Multiplier				
	2700°K (CRI 80)	3000°K (CRI 80)	4000°K (CRI 80)	5000°K (CRI 80)	6500°K (CRI 80)
NFSW757H_R8000	0,875	0,916	1	1	1
NF2W757H-F1_R8000	0,67	0,75	0,82	0,82	0,82

Relative luminous intensity versus CCT (°K)



## CCT AND BINNING INFORMATION



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