



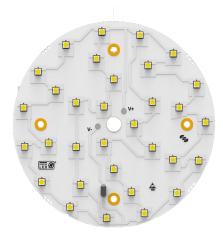


X-MR00107NCxx-NFSW757H-32

Round Series

www.**tlsteknoloji**.com

PRODUCT PHOTO



SPECIFICATIONS

- · Default driving method is constant current input
- CCT Range from 2000°K up to 6500°K
- Luminous flux range from 1368 lm to 2923 lm
- Efficacy of the module up to 195 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



APPLICATIONS



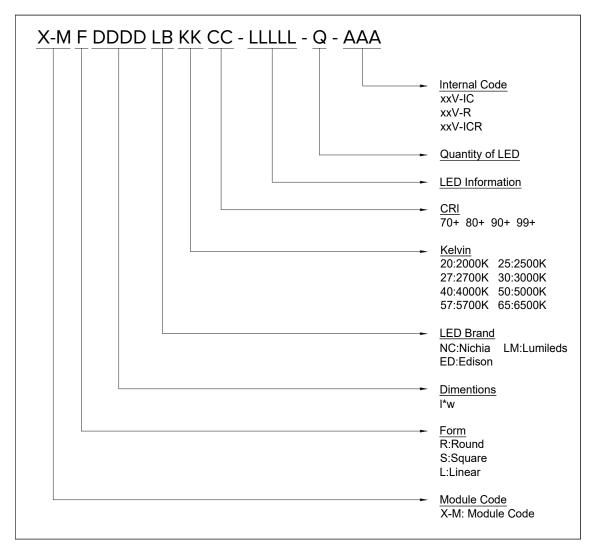
PHOTOMETRY



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	23V		
Insulation test voltage	2kV		
ESD classification	Class 1		
Risk group (EN 62471:2008)	1		
Type of protection	IP00		

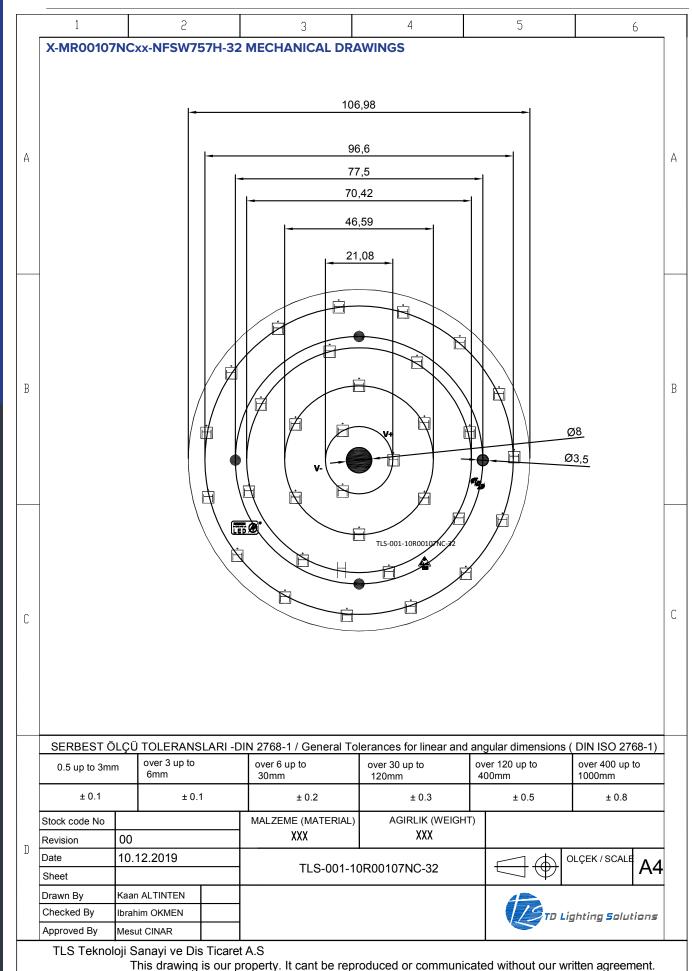
ORDERING INFORMATIONS



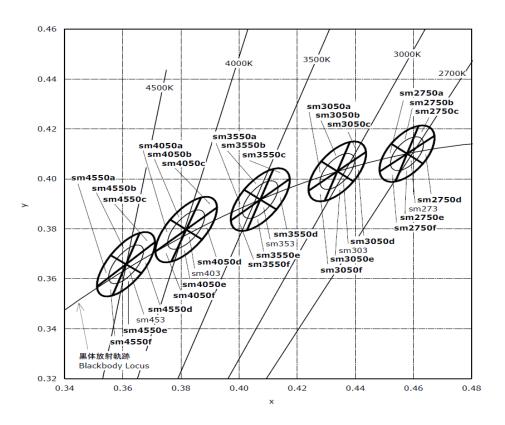
DRIVING CURRENT VS LUMEN OUTPUT SPECIFICATION

Common Characteristic [@Tj : 85°C];								
Module Code X-MR00107NCxx-NFSW757H-32								
PCB Material	ALU		Electrical Connection					
Operating Temperature (°C)	-40	~ +85	Parallel	4				
Storage Temperature (°C)	-40	~ +55	Series 8					
Thermal Conductivity (W/m-K)	1> LED Quantity		LED Quantity	32				
LED	NFSW757H_R8000							
Correlated Color Temperature (CCT)	4000K							
Color Rendering Index (CRI)		+08						
Module Operating Voltage (V)	21,60	22,40	23,20	23,20				
Module Operating Current (mA)	350	500	700	700				
Branch Operating Current (mA)	88	125	175	175				
Module Power (W)	7,56	11,20	16,24	16,24				
Module Light Output (lm)	1.368	1.971	2.631					
Module Efficiency (lm/W)	181	176	162					
LED	NF2W757H-F1_R8000							
Correlated Color Temperature (CCT)		4000K						
Color Rendering Index (CRI)		80+						
Module Operating Voltage (V)	21,76	22,40	23,20					
Module Operating Current (mA)	350	500	700	700				
Branch Operating Current (mA)	88	125	175					
Module Power (W)	7,62	11,20	16,24					
Module Light Output (lm)	1.485	2.128	2.923					
Module Efficiency (lm/W)	195	190	180					

Lumen Output Multiplier								
LED	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			



CCT AND BINNING INFORMATION



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X-MR00107NCxx-NFSW757H

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CONTACT

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