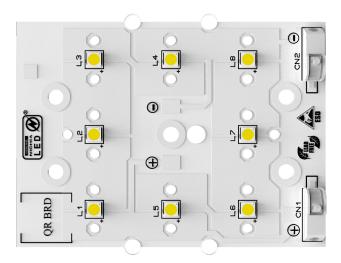


X-MS5067NCxx-NFSW757H-8

Square Series

www.**tlsteknoloji**.com

PRODUCT PHOTO



SPECIFICATIONS

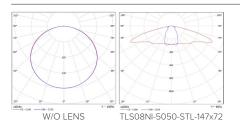
- · Default driving method is constant current input
- CCT Range from 2000°K up to 6500°K
- Luminous flux range from 285 lm to 690 lm
- Efficacy of the module up to 190 lm/W
- CRI 80 is standart, CRI 70 and CRI 90 are available
- Outstanding system color tolerance MacAdam 3 over the full operating area
- Simple installation (e.g. screw)
- Long life-time > 60,000 hours
- 5 years guarantee at specified conditions



APPLICATIONS



PHOTOMETRY

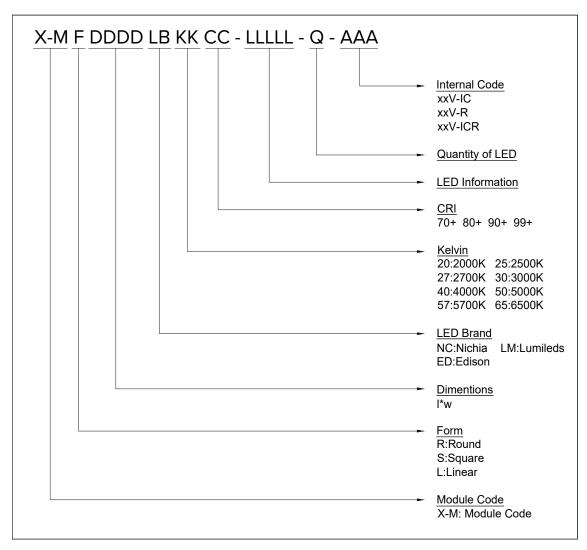


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TECHNICAL DATA

Beam Angle	120°
Ambient temperature range	-25° ~ +55°C
Tc max	85°C
Max. DC forward current	350mA
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 INFORMATIONS



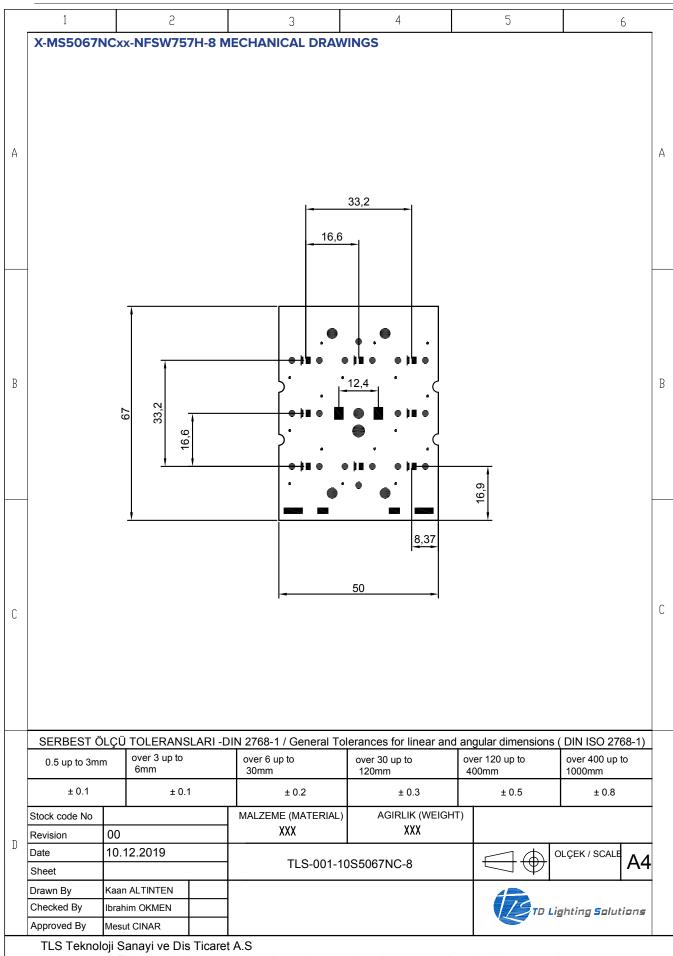
DRIVING CURRENT VS LUMEN OUTPUT SPECIFICATION

Common Characteristic [@Tj : 85°C];							
Module Code X-MS5067NCxx-NFSW757H-8							
PCB Material	ALU		Electrical Connection				
Operating Temperature (°C)	-40 ~ +85 Pa		Parallel	2			
Storage Temperature (°C)	-40 ~ +55 Series		Series	4			
Thermal Conductivity (W/m-K)	1> LED		LED Quantity	8			
LED	NFSW757H_R8000						
Correlated Color Temperature (CCT)	4000K						
Color Rendering Index (CRI)		80+					
Module Operating Voltage (V)	10,80	11,20	11,60				
Module Operating Current (mA)	150	250	350	350			
Branch Operating Current (mA)	75	125	175	175			
Module Power (W)	1,62	2,80	4,06				
Module Light Output (lm)	285	454	625				
Module Efficiency (lm/W)	176	162	154				
LED	NF2W757H-F1_R8000						
Correlated Color Temperature (CCT)		4000K					
Color Rendering Index (CRI)		80+					
Module Operating Voltage (V)	10,80	11,28	11,60				
Module Operating Current (mA)	150	250	350				
Branch Operating Current (mA)	75	125	175				
Module Power (W)	1,62	2,82	4,06				
Module Light Output (lm)	308	508	690				
Module Efficiency (lm/W)	190	180	170				

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

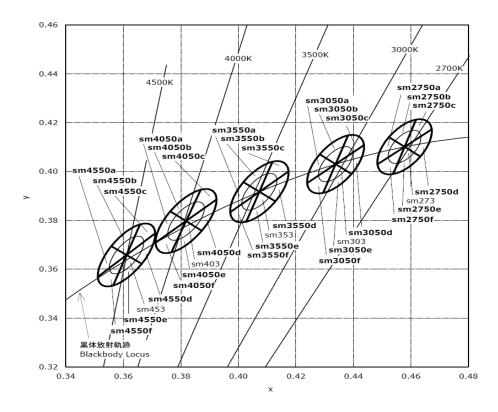
Lumen Output Multiplier								
LED	2700°K (CRI 80)	3000°K (CRI 80)	4000°K (CRI 80)	5000°K (CRI 80)	6500°K (CRI 80)			
NFSW757H_R8000	0,875	0,916	1	1	1			
NF2W757H-F1_R8000	0,82	0,98	1,1	1,1	1,1			

Relative luminous intensity versus CCT (°K)



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CCT AND BINNING INFORMATION



To Lighting Solutions

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X-MS5067NCxx-NFSW757

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CONTACT

X-MS5067NCxx-NFSW757H-8

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