



Linear Series

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X-ML15500NC_{xx}-NFSW757H-21-24V-IC

PRODUCT PHOTO

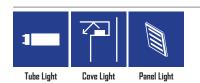


SPECIFICATIONS

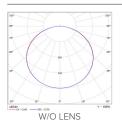
- · Default driving method is constant voltage input
- CCT Range from 2000°K up to 6500°K
- This module is optional and can be connected as 7 Series 3 Parallel.
- Luminous flux range from 700 lm to 1277 lm
- Efficacy of the module up to 172 lm/W
- · CRI 80 is standart, CRI 70 and CRI 90 are available
- 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

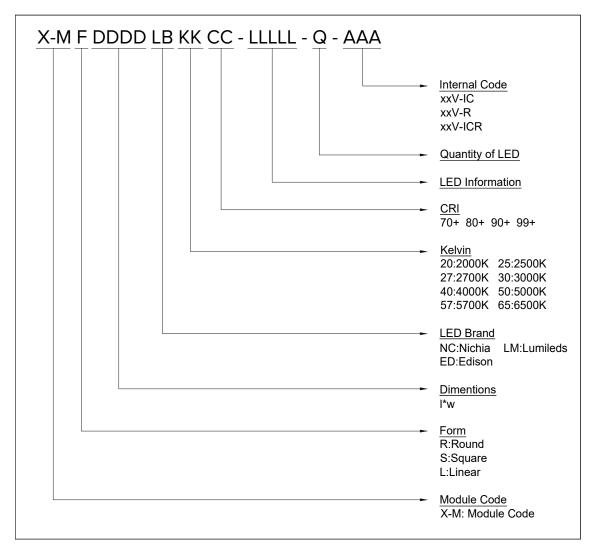


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TECHNICAL DATA

Beam Angle	120°
Ambient temperature range	-25° ~ +55°C
Tc max	85°C
Max. DC forward current	350 mA
Typical voltage of LED Module at max current	24V
Insulation test voltage	2kV
ESD classification	Class 1
Risk group (EN 62471:2008)	1
Type of protection	IP00
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ORDERING INFORMATIONS



DRIVING CURRENT VS LUMEN OUTPUT SPECIFICATION

Common Characteristic [@Tj : 85°C] ;							
Module Code	X-ML15500NCxx-NFSW757H-21-24V-IC						
PCB Material	ALU Electrical Connectio		nnection				
Operating Temperature (°C)	-40 ~ +85 Para		Parallel	3			
Storage Temperature (°C)	-40 ~ +55 Series		Series	7			
Thermal Conductivity (W/m-K)		1>	LED Quantity	21			
LED		NFSW757H_R8000					
Correlated Color Temperature (CCT)	4000K						
Color Rendering Index (CRI)		+08					
Module Operating Voltage (V)		24,00					
Module Operating Current (mA)	180	240	350	350			
Branch Operating Current (mA)	60	80	117	117			
Module Power (W)	4,32	5,76	8,4	8,40			
Module Light Output (lm)	700 864 1.218						
Module Efficiency (lm/W)	162	150	145	5			
LED	NF2W757H-F1_R8000						
Correlated Color Temperature (CCT)		4000K					
Color Rendering Index (CRI)		+08					
Module Operating Voltage (V)		24,00					
Module Operating Current (mA)	180	240	350)			
Branch Operating Current (mA)	60	80	117	7			
Module Power (W)	4,32	5,76	8,4	0			
Module Light Output (lm)	743	939	1.27	77			
Module Efficiency (lm/W)	172	163	152	2			

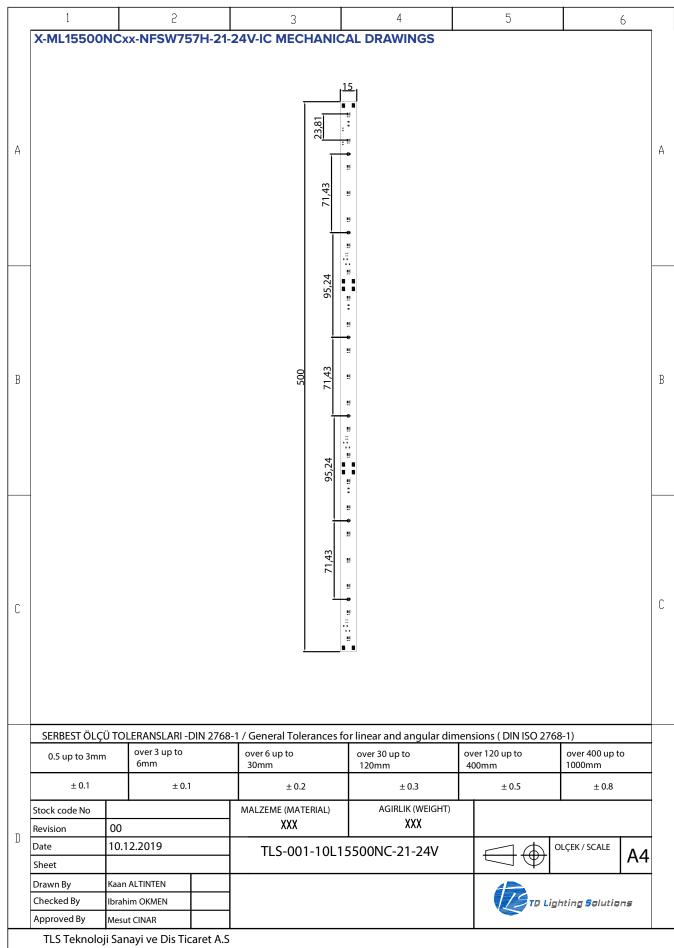
The table below shows how to Module Light Output changes depending on CCT (°K)

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	0,67	0,75	0,82	0,82	0,82			

Relative luminous intensity versus CCT (°K)

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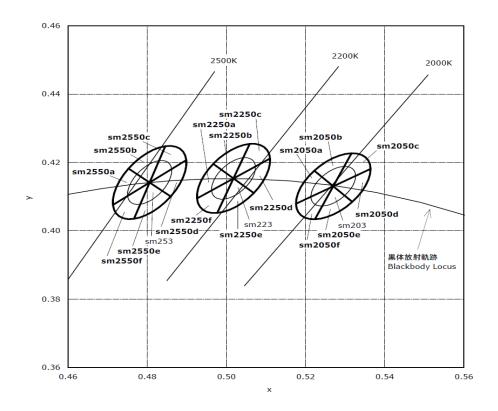
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To Lighting Solutions

CCT AND BINNING INFORMATION



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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



K-ML15500NCxx-NFSW757H-21-24V-IC