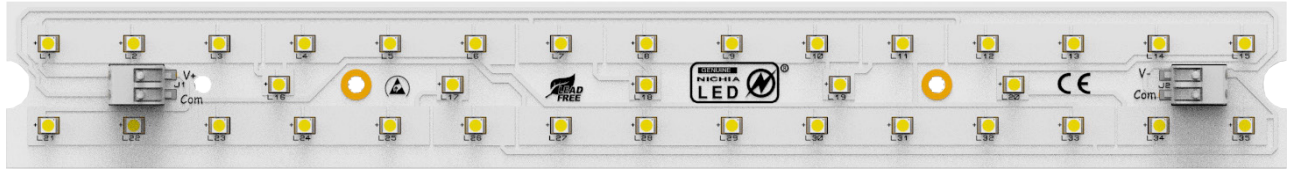




## PRODUCT PHOTO



## SPECIFICATIONS

- Default driving method is constant current input
- CCT Range from 2000°K up to 6500°K
- Luminous flux range from 1676 lm to 5219 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



For your orders please call us:

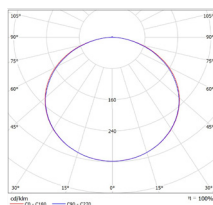
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## APPLICATIONS



Indoor

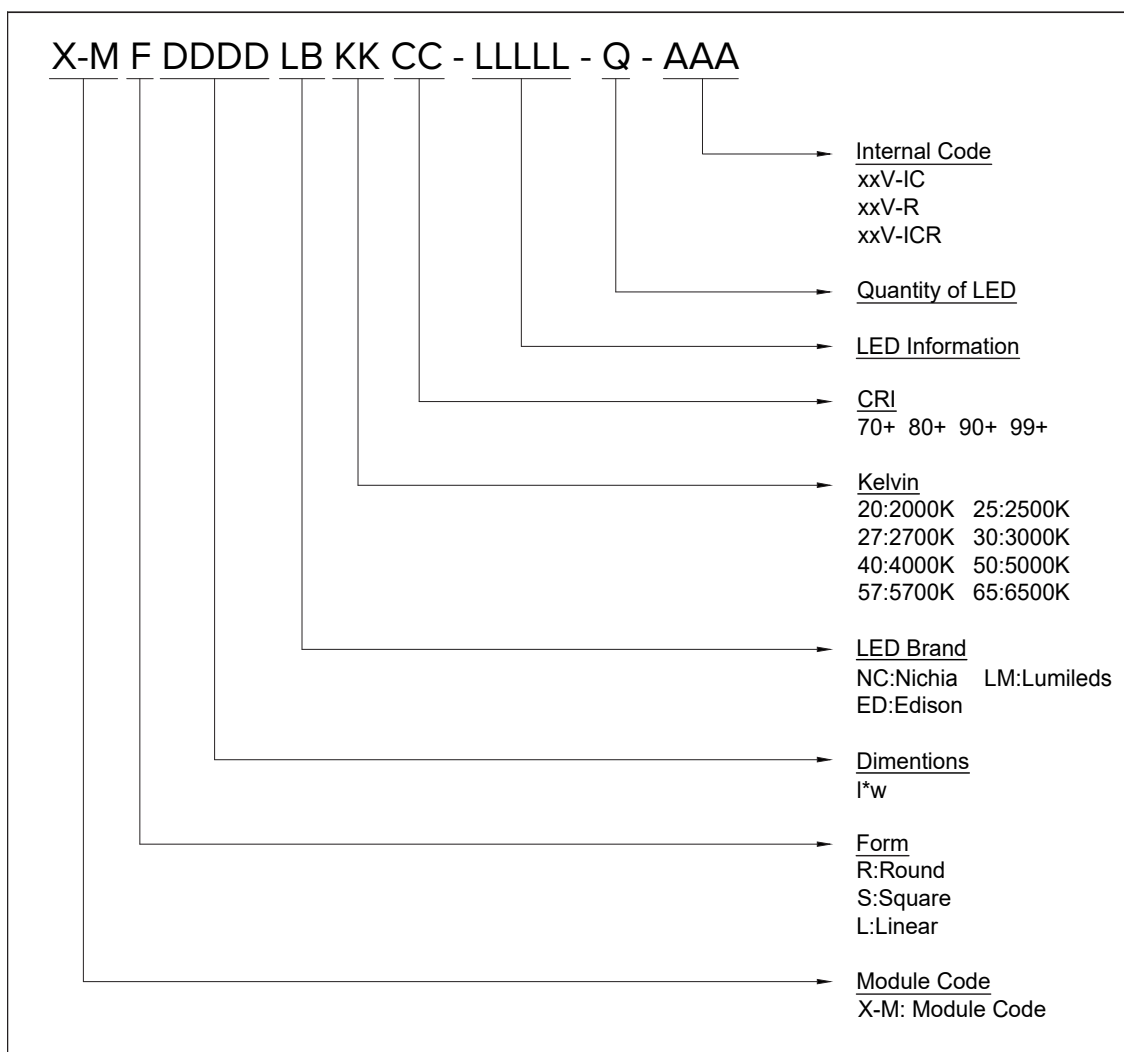
## PHOTOMETRY



## TECHNICAL DATA

Beam Angle	120°
Ambient temperature range	-25° ~ +55°C
Tc max	85°C
Max. DC forward current	875mA
Typical voltage of LED Module at max current	43V
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-ML35270NCxx-NFSW757H-35		
PCB Material	ALU	Electrical Connection	
Operating Temperature (°C)	-40 ~ +85	Parallel	5
Storage Temperature (°C)	-40 ~ +55	Series	7
Thermal Conductivity (W/m-K)	1>	LED Quantity	35
<b>LED NFSW757H_R8000</b>			
Correlated Color Temperature (CCT)	4000K		
Color Rendering Index (CRI)	80+		
Module Operating Voltage (V)	19,04	19,60	20,30
Module Operating Current (mA)	500	700	875
Branch Operating Current (mA)	100	140	175
Module Power (W)	9,52	13,72	17,76
Module Light Output (lm)	1.676	2.250	2.806
Module Efficiency (lm/W)	176	164	158
<b>LED NF2W757H-F1_R8000</b>			
Correlated Color Temperature (CCT)	4000K		
Color Rendering Index (CRI)	80+		
Module Operating Voltage (V)	19,04	19,46	19,81
Module Operating Current (mA)	500	700	875
Branch Operating Current (mA)	100	140	175
Module Power (W)	9,52	13,62	17,33
Module Light Output (lm)	1.809	2.493	3.068
Module Efficiency (lm/W)	190	183	177
<b>LED NF2W757GR-V3_R8000</b>			
Correlated Color Temperature (CCT)	4000K		
Color Rendering Index (CRI)	80+		
Module Operating Voltage (V)	39,97	41,65	42,91
Module Operating Current (mA)	500	700	875
Branch Operating Current (mA)	100	140	175
Module Power (W)	19,99	29,16	37,55
Module Light Output (lm)	3.138	4.286	5.219
Module Efficiency (lm/W)	157	147	139

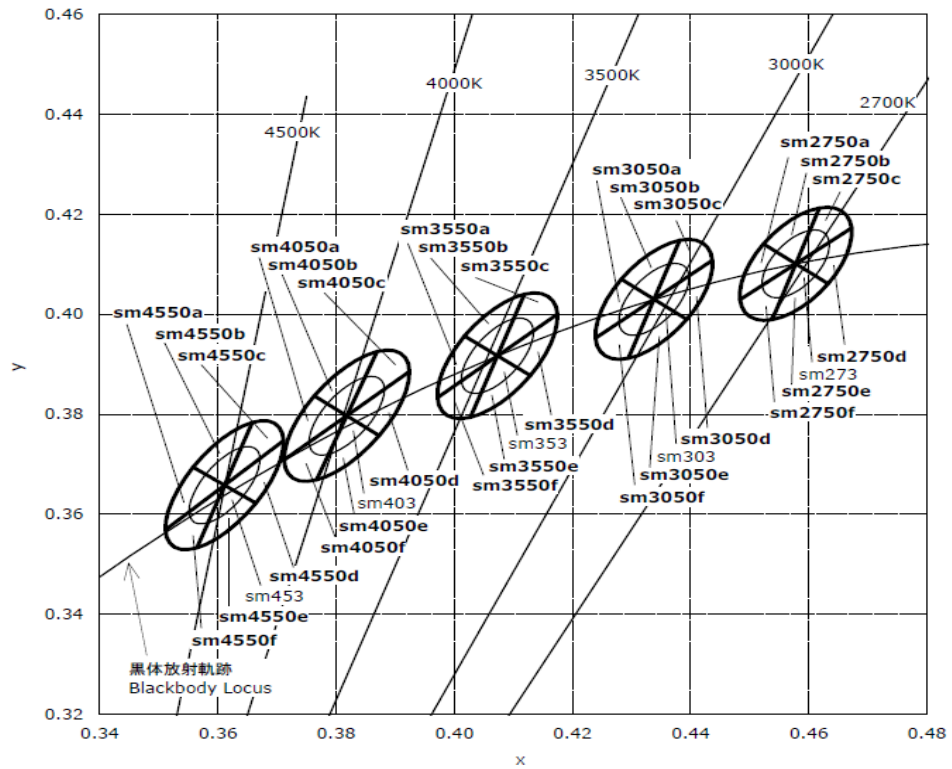
The table below shows how to Module Light Output changes depending on CCT (°K)

LED	Lumen Output Multiplier				
	2700°K (CRI 80)	3000°K (CRI 80)	4000°K (CRI 80)	5000°K (CRI 80)	6500°K (CRI 80)
NF2W757H-F1_R8000	0,875	0,916	1	1	1
NFSW757H_R8000	0,69	0,78	0,89	0,89	0,89
NF2W757GR-V3_R8000	0,62	0,71	0,82	0,82	0,82

Relative luminous intensity versus CCT (°K)

1	2	3	4	5	6
<b>X-ML35270NCxx-NFSW757H-35 MECHANICAL DRAWINGS</b>					
A					A
B					B
C					C
<b>SERBEST ÖLÇÜ TOLERANSLARI -DIN 2768-1 / General Tolerances for linear and angular dimensions ( DIN ISO 2768-1)</b>					
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	XXX		XXX		
Date	10.12.2019		TLS-001-10L35270NC-35		OLÇEK / SCALE
Sheet					A4
Drawn By	Kaan ALTINTEN				
Checked By	Ibrahim OKMEN				
Approved By	Mesut CINAR				
<b>TLS Teknoloji Sanayi ve Dis Ticaret A.S</b> This drawing is our property. It cant be reproduced or communicated without our written agreement.					

## CCT AND BINNING INFORMATION



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