



## PRODUCT PHOTO



## SPECIFICATIONS

- Default driving method is constant current input
- CCT Range from 2000°K up to 6500°K
- Luminous flux range from 1637 lm to 2963 lm
- Efficacy of the module up to 180 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:

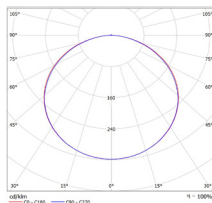
**+90 444 27 33**

## APPLICATIONS



Cove Light

## PHOTOMETRY





## DRIVING CURRENT VS LUMEN OUTPUT SPECIFICATION

Common Characteristic [@Tj : 85°C];			
Module Code	X-ML24560NCxx-NFSW757H-42		
PCB Material	FR4	Electrical Connection	
Operating Temperature (°C)	-40 ~ +85	Parallel	3
Storage Temperature (°C)	-40 ~ +55	Series	14
Thermal Conductivity (W/m-K)	1>	LED Quantity	42
<b>LED NFSW757H_R8000</b>			
Correlated Color Temperature (CCT)	4000K		
Color Rendering Index (CRI)	80+		
Module Operating Voltage (V)	38,08	39,20	40,60
Module Operating Current (mA)	250	350	500
Branch Operating Current (mA)	83	117	167
Module Power (W)	9,52	13,72	20,30
Module Light Output (lm)	1.637	2.168	2.842
Module Efficiency (lm/W)	172	158	140
<b>LED NF2W757H-F1_R8000</b>			
Correlated Color Temperature (CCT)	4000K		
Color Rendering Index (CRI)	80+		
Module Operating Voltage (V)	37,52	39,06	40,04
Module Operating Current (mA)	250	350	500
Branch Operating Current (mA)	83	117	167
Module Power (W)	9,38	13,67	20,02
Module Light Output (lm)	1.688	2.324	2.963
Module Efficiency (lm/W)	180	170	148

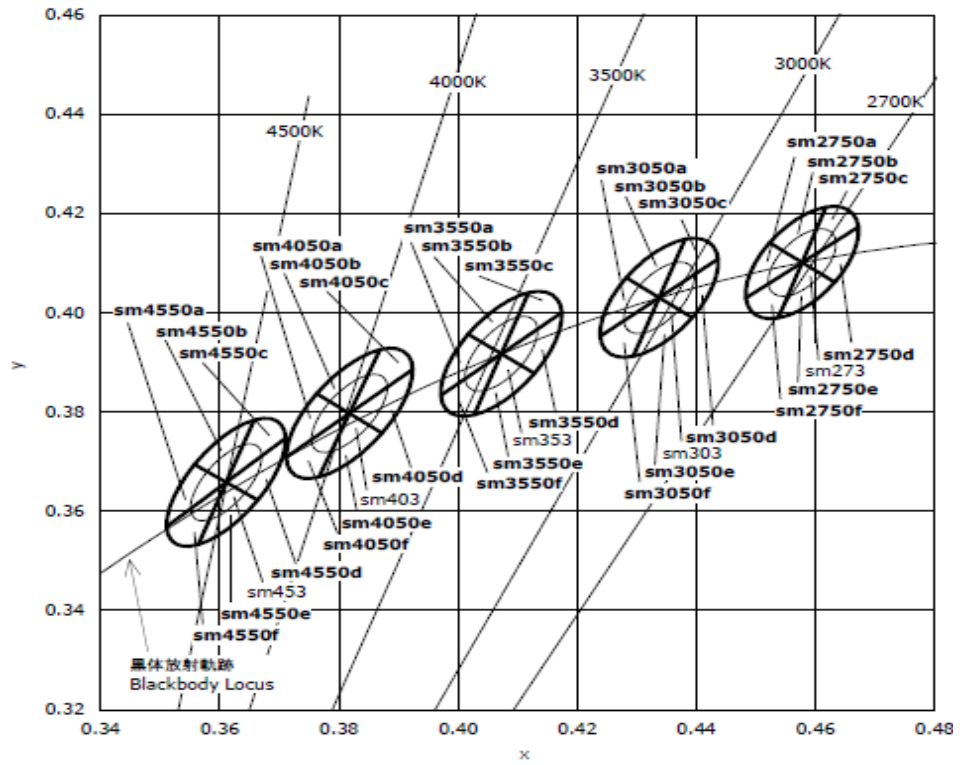
The table below shows how to Module Light Output changes depending on CCT (°K)

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)

1	2	3	4	5	6
<b>X-ML24560NCxx-NFSW757H-42 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-001-01L24560NC-42		OLÇEK / SCALE
Sheet					A4
Drawn By	Kaan ALTINTEN				
Checked By	Ibrahim OKMEN				
Approved By	Mesut CINAR				
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## CCT AND BINNING INFORMATION



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