

DRIVING CURRENT VS LUMEN OUTPUT SPECIFICATION

Common Characteristic [@Tj : 85°C] ;			
Module Code	X-ML24288NCxx-NFSW757H-12		
PCB Material	ALU	Electrical Connection	
Operating Temperature (°C)	-40 ~ +85	Parallel	1
Storage Temperature (°C)	-40 ~ +55	Series	12
Thermal Conductivity (W/m-K)	1>	LED Quantity	12
LED NFSW757H_R8000			
Correlated Color Temperature (CCT)	4000K		
Color Rendering Index (CRI)	80+		
Module Operating Voltage (V)	32,64	33,60	34,80
Module Operating Current (mA)	80	120	175
Branch Operating Current (mA)	80	120	175
Module Power (W)	2,61	4,03	6,09
Module Light Output (lm)	449	564	792
Module Efficiency (lm/W)	172	140	130
LED NF2W757H-F1_R8000			
Correlated Color Temperature (CCT)	4000K		
Color Rendering Index (CRI)	80+		
Module Operating Voltage (V)	32,16	33,48	34,32
Module Operating Current (mA)	80	120	175
Branch Operating Current (mA)	80	120	175
Module Power (W)	2,57	4,02	6,01
Module Light Output (lm)	463	675	901
Module Efficiency (lm/W)	180	168	150

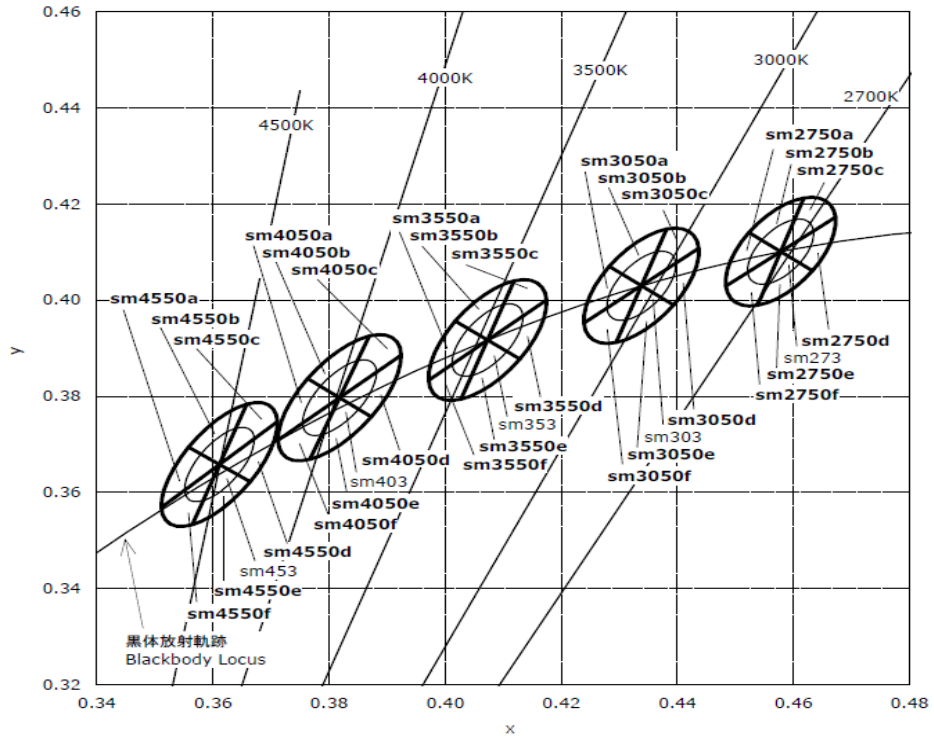
The table below shows how to Module Light Output changes depending on CCT (°K)

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
X-ML24288NCxx-NFSW757H-12 MECHANICAL DRAWINGS					
A					A
B					B
C					C
SERBEST ÖLÇÜ TOLERANSLARI -DIN 2768-1 / General Tolerances for linear and angular dimensions (DIN ISO 2768-1)					
0.5 up to 3mm		over 3 up to 6mm		over 6 up to 30mm	
± 0.1		± 0.1		± 0.2	
0.5 up to 3mm		over 3 up to 6mm		over 30 up to 120mm	
± 0.1		± 0.1		± 0.3	
0.5 up to 3mm		over 3 up to 6mm		over 120 up to 400mm	
± 0.1		± 0.1		± 0.5	
0.5 up to 3mm		over 3 up to 6mm		over 400 up to 1000mm	
± 0.1		± 0.1		± 0.8	
Stock code No		MALZEME (MATERIAL)		AGIRLIK (WEIGHT)	
Revision		XXX		XXX	
Date		10.12.2019		TLS-001-10L24288NC-12	
Sheet				OLÇEK / SCALE	
Drawn By		Kaan ALTINTEN			
Checked By		Ibrahim OKMEN			
Approved By		Mesut CINAR			
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CCT AND BINNING INFORMATION



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