



## PRODUCT PHOTO



## SPECIFICATIONS

- Default driving method is constant current input
- CCT Range from 2000°K up to 6500°K
- Luminous flux range from 2851 lm to 5324 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:

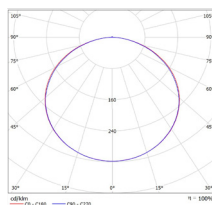
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## APPLICATIONS



Spotlight

## PHOTOMETRY





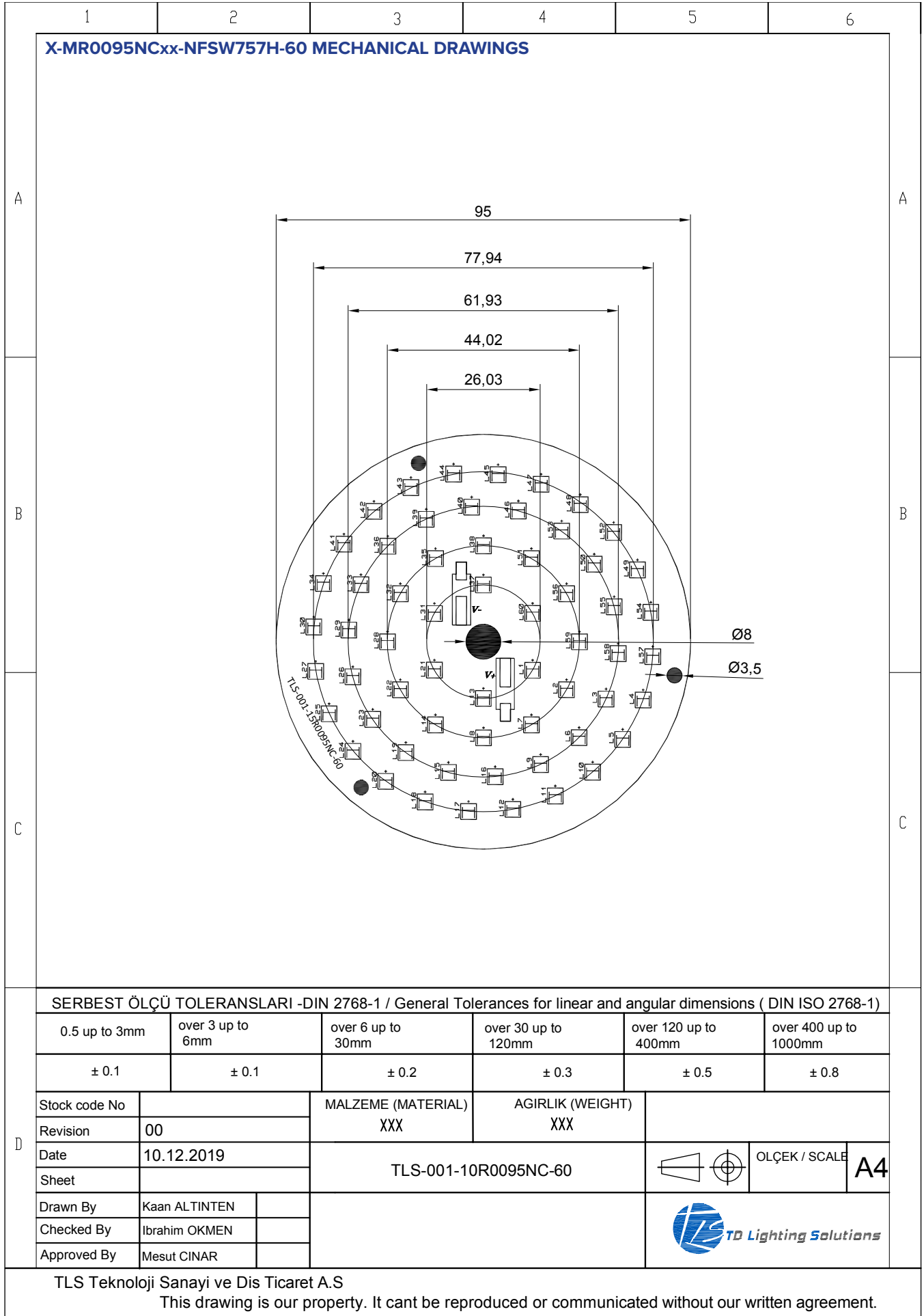
## DRIVING CURRENT VS LUMEN OUTPUT SPECIFICATION

Common Characteristic [@Tj : 85°C];			
Module Code	X-MR0095NCxx-NFSW757H-60		
PCB Material	ALU	Electrical Connection	
Operating Temperature (°C)	-40 ~ +85	Parallel	5
Storage Temperature (°C)	-40 ~ +55	Series	12
Thermal Conductivity (W/m-K)	1>	LED Quantity	60
<b>LED NFSW757H_R8000</b>			
Correlated Color Temperature (CCT)	4000K		
Color Rendering Index (CRI)	80+		
Module Operating Voltage (V)	32,40	33,60	34,80
Module Operating Current (mA)	500	700	900
Branch Operating Current (mA)	100	140	180
Module Power (W)	16,20	23,52	31,32
Module Light Output (lm)	2.851	3.810	4.823
Module Efficiency (lm/W)	176	162	154
<b>LED NF2W757H-F1_R8000</b>			
Correlated Color Temperature (CCT)	4000K		
Color Rendering Index (CRI)	80+		
Module Operating Voltage (V)	32,64	33,60	34,80
Module Operating Current (mA)	500	700	900
Branch Operating Current (mA)	100	140	180
Module Power (W)	16,32	23,52	31,32
Module Light Output (lm)	3.101	4.234	5.324
Module Efficiency (lm/W)	190	180	170

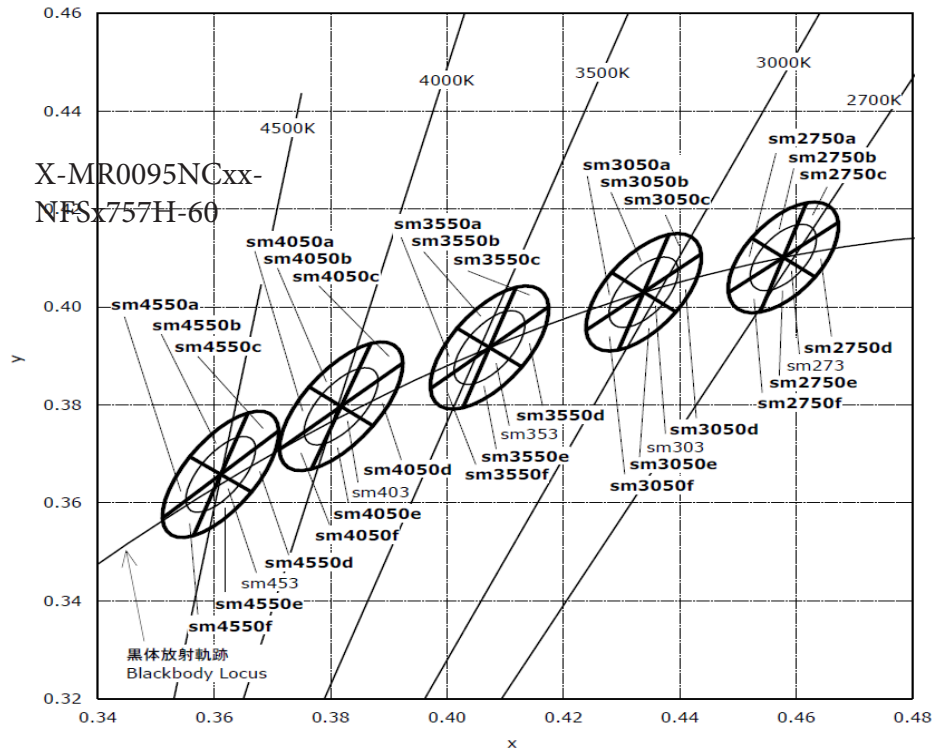
The table below shows how to Module Light Output changes depending on CCT (°K)

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)



## CCT AND BINNING INFORMATION



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