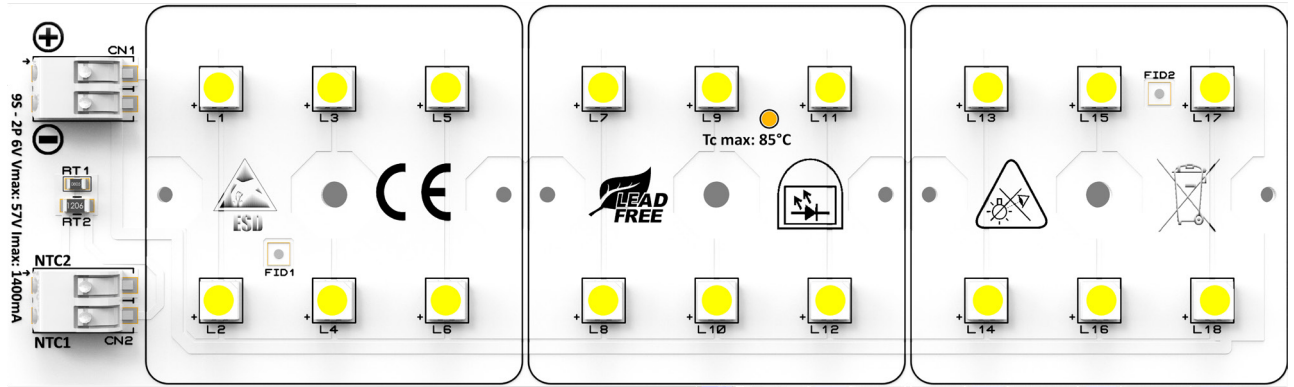


PRODUCT PHOTO



SPECIFICATIONS

- Default driving method is constant current input
- CCT Range from 2200K up to 6500K
- This module is standard and can be connected as 9 Series 2 Parallel.
- Luminous flux range from 4957 lm to 10152 lm
- Efficacy of the module up to 211 lm/W
- CRI 70 is standard, CRI 80 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:

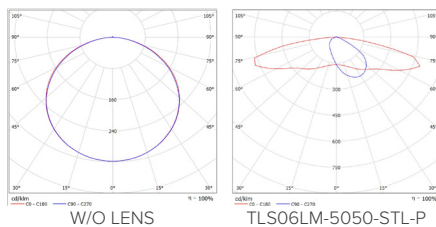
+90 444 27 33

APPLICATIONS



Street Lighting

PHOTOMETRY



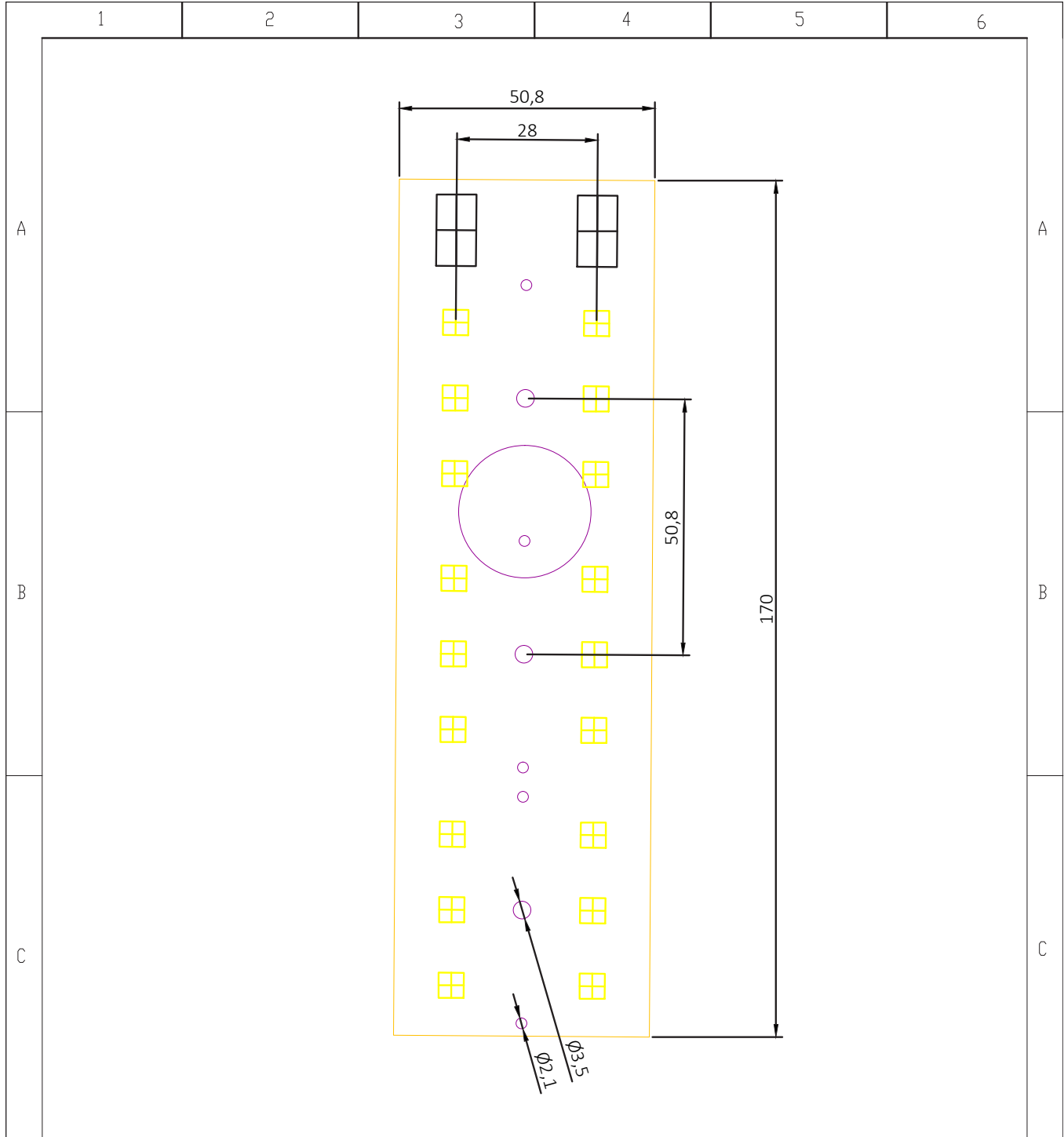
DRIVING CURRENT VS LUMEN OUTPUT SPECIFICATION

Common Characteristic [@Tj] : 85°C ;			
Module Code	X-MS17051LM4070-5050HE-18		
PCB Material	ALU	Electrical Connection	
Operating Temperature (°C)	-40 ~ +100	Parallel	2
Storage Temperature (°C)	-40 ~ +55	Series	9
Thermal Conductivity (W/m-K)	1>	LED Quantity	18
LED 5050HE			
Correlated Color Temperature (CCT)	4000K		
Color Rendering Index (CRI)	70+		
Module Operating Voltage (V)	51	52	53
Module Operating Current (mA)	500	700	1050
Branch Operating Current (mA)	250	350	525
Module Power (W)	25	36	56
Module Light Output (lm)	5103	7031	9820
Module Efficiency (lm/W)	202	194	175
LED 5050ROUND			
Correlated Color Temperature (CCT)	4000K		
Color Rendering Index (CRI)	70+		
Module Operating Voltage (V)	51	52	54
Module Operating Current (mA)	500	700	1050
Branch Operating Current (mA)	250	350	525
Module Power (W)	25	36	56
Module Light Output (lm)	4957	6830	9539
Module Efficiency (lm/W)	196	188	169
LED ETI 5050			
Correlated Color Temperature (CCT)	4000K		
Color Rendering Index (CRI)	70+		
Module Operating Voltage (V)	52	52	54
Module Operating Current (mA)	500	700	1050
Branch Operating Current (mA)	250	350	525
Module Power (W)	26	37	57
Module Light Output (lm)	5443	7212	10152
Module Efficiency (lm/W)	211	196	178



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

LED	Lumen Output Multiplier						
	2200K (CRI 70)	2700K (CRI 70)	3000K (CRI 70)	4000K (CRI 70)	5000K(CRI 70)	5700K(CRI 70)	6500K(CRI 70)
5050HE	0,904	0,9656	0,9852	1	1,0174	1,004	1
5050ROUND	0,9105	0,9607	0,9925	1	1,0225	1,0075	1
ETI 5050	-	0,961	0,9629	1	1,037	1	1

X-MS17051LM4070-5050HE-18 MECHANICAL DRAWINGS



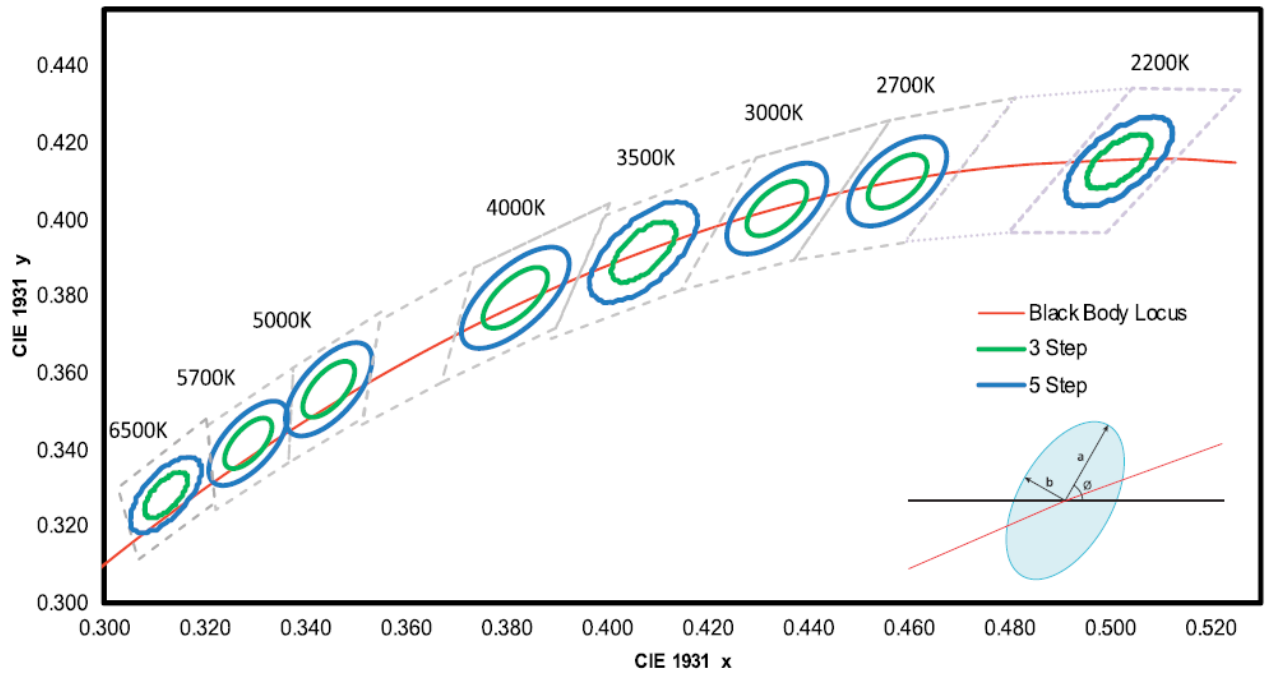
SERBEST ÖLÇÜ TOLERANSLARI -DIN 2768-1 / General Tolerances for linear and angular dimensions (DIN ISO 2768-1)

0.5 up to 3mm	over 3 up to 6mm	over 6 up to 30mm	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	00	--	--		
Date	25.10.2023	NAME TLS-001-15S51170LML50-18-T1.6		OLÇEK / SCALE	A4
Sheet				1 / 1	
Drawn By	Ibrahim OKMEN	 			
Checked By	Ibrahim OKMEN				
Approved By	--				

TLS Teknoloji Sanayi ve Dis Ticaret A.S

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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@tsteknoloji.com
+90 444 27 33