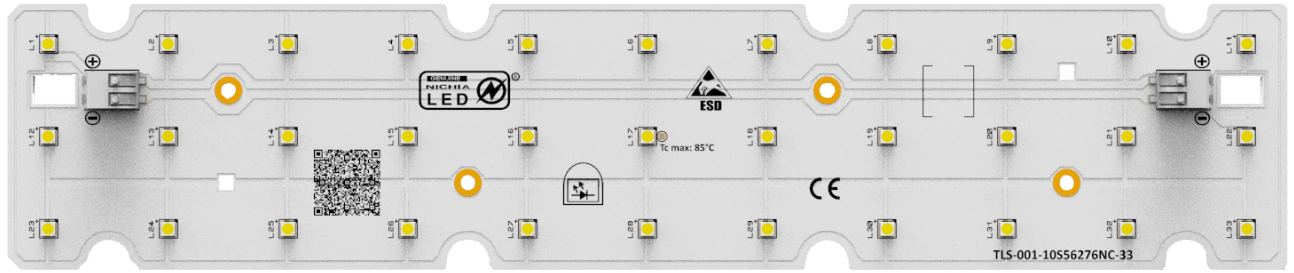


PRODUCT PHOTO



SPECIFICATIONS

- Default driving method is constant current input
- CCT Range from 2000°K up to 6500°K
- Luminous flux range from 1360 lm to 2595 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



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APPLICATIONS



High Bay Lighting

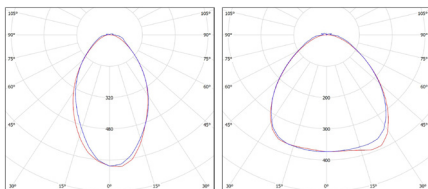


Very High Bay
Lighting



Gas Station
Lighting

PHOTOMETRY



TLS33NI-W65L286-60-IP

TLS33NI-W65L286-90-IP

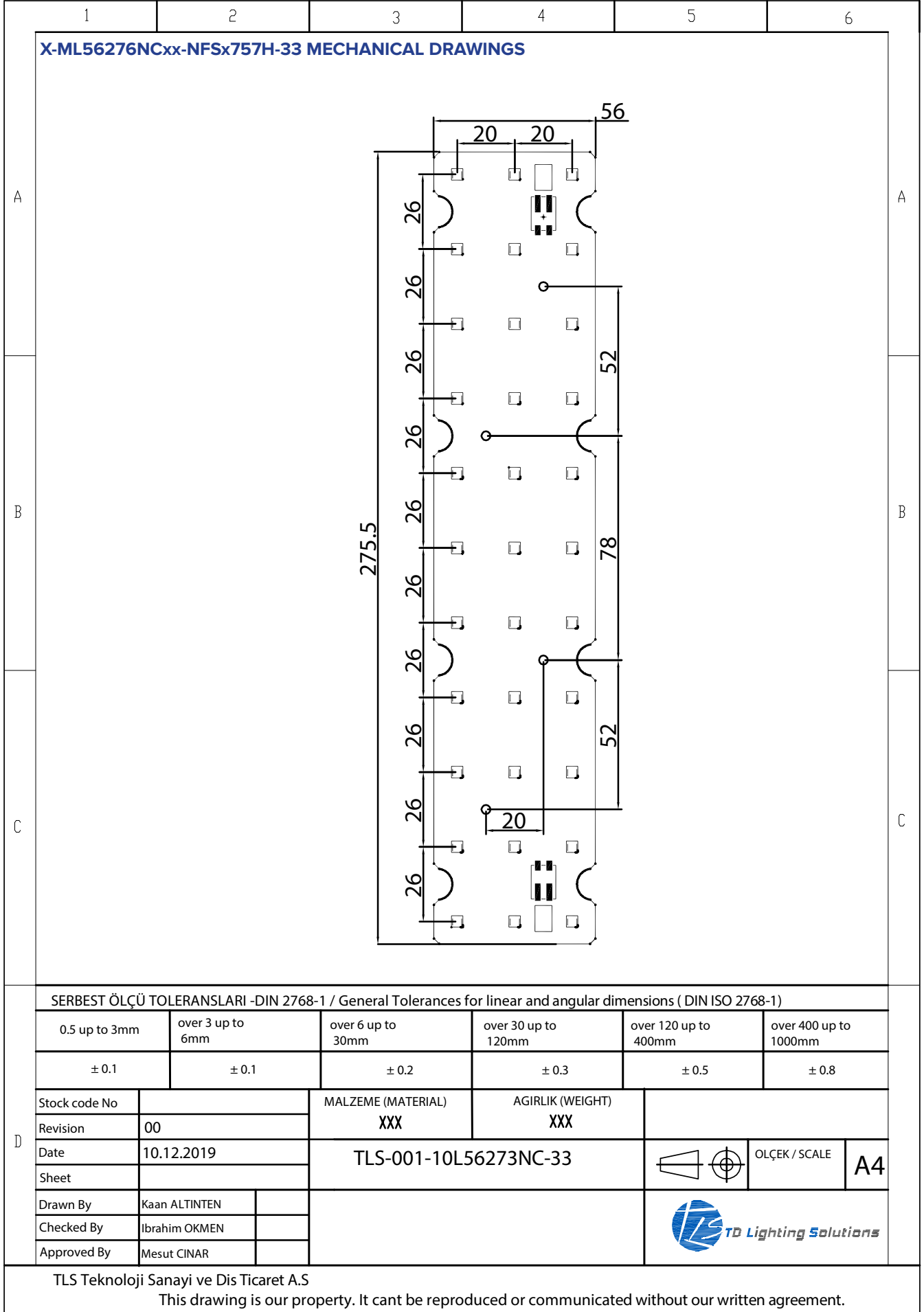
DRIVING CURRENT VS LUMEN OUTPUT SPECIFICATION

Common Characteristic [@Tj : 85°C] ;			
Module Code	X-ML56276NCxx-NFSW757H-33		
PCB Material	ALU	Electrical Connection	
Operating Temperature (°C)	-40 ~ +85	Parallel	3
Storage Temperature (°C)	-40 ~ +55	Series	11
Thermal Conductivity (W/m-K)	1>	LED Quantity	33
LED NFSW757H_R8000			
Correlated Color Temperature (CCT)	4000K		
Color Rendering Index (CRI)	80+		
Module Operating Voltage (V)	29,92	30,80	31,90
Module Operating Current (mA)	250	350	500
Branch Operating Current (mA)	83	117	167
Module Power (W)	7,48	10,78	15,95
Module Light Output (lm)	1.361	1.811	2.393
Module Efficiency (lm/W)	182	168	150
LED NF2W757H-F1_R8000			
Correlated Color Temperature (CCT)	4000K		
Color Rendering Index (CRI)	80+		
Module Operating Voltage (V)	29,48	30,69	31,46
Module Operating Current (mA)	250	350	500
Branch Operating Current (mA)	83	117	167
Module Power (W)	7,37	10,74	15,73
Module Light Output (lm)	1.400	1.933	2.595
Module Efficiency (lm/W)	190	180	165

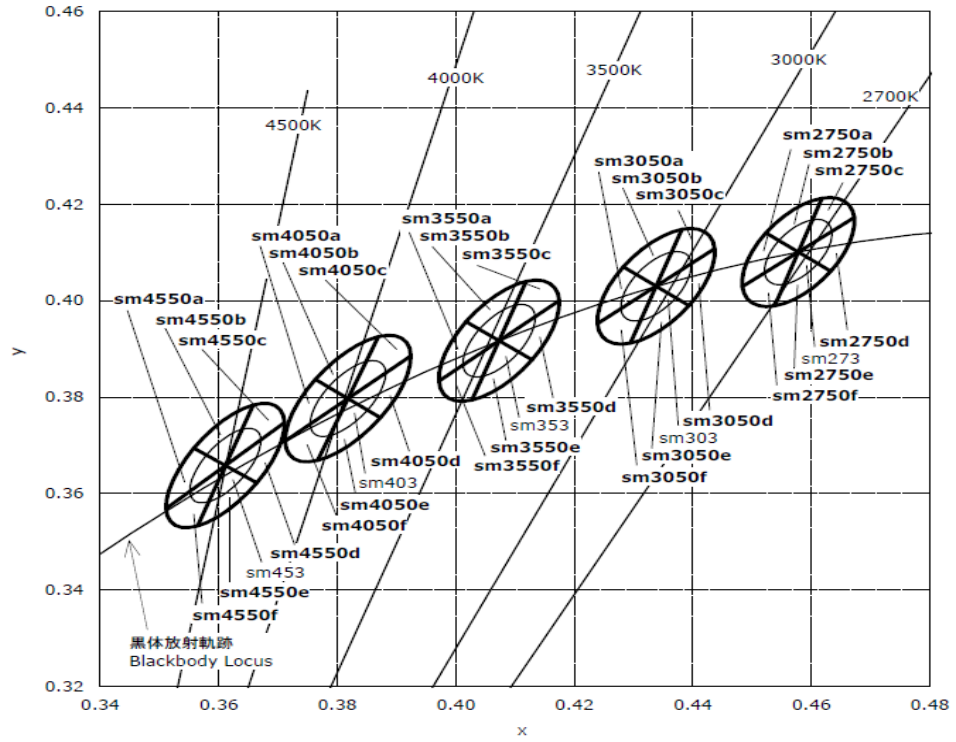
The table below shows how to Module Light Output changes depending on CCT (°K)

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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