

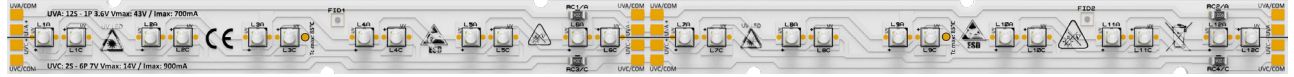
TD Lighting Solutions

X-ML17300NCPR-UVAUVC-12+12

Linear Series

www.tlsteknoloji.com

PRODUCT PHOTO



SPECIFICATIONS

- Default driving method is constant current input.
- UV-A Wavelength Range from 380nm up to 410nm
- UV-C Wavelength Range from 265nm up to 280nm
- Channel UVA is standard and can be connected as 1 Parallel 12series.
- Channel UVC is standard and can be connected as 2 Series 6 Parallels
- Module Radiant Flux range from 5160 mW to 6120 mW (For UV-A)
- Module Radiant Flux range from 102 mW to 126 mW (For UV-C)
- Simple installation (e.g. screw)



For your orders please call us:
+90 444 27 33

APPLICATIONS

UV-A



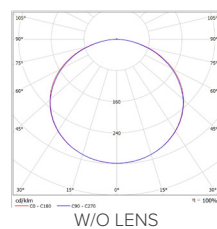
Ink Curing

UV-C

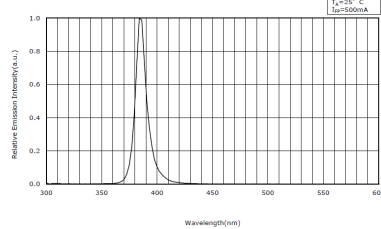


Disinfection

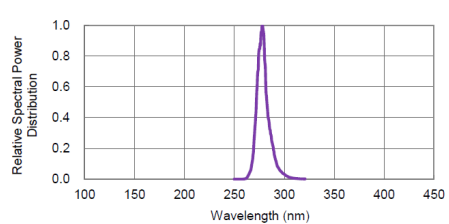
PHOTOMETRY



UV-A



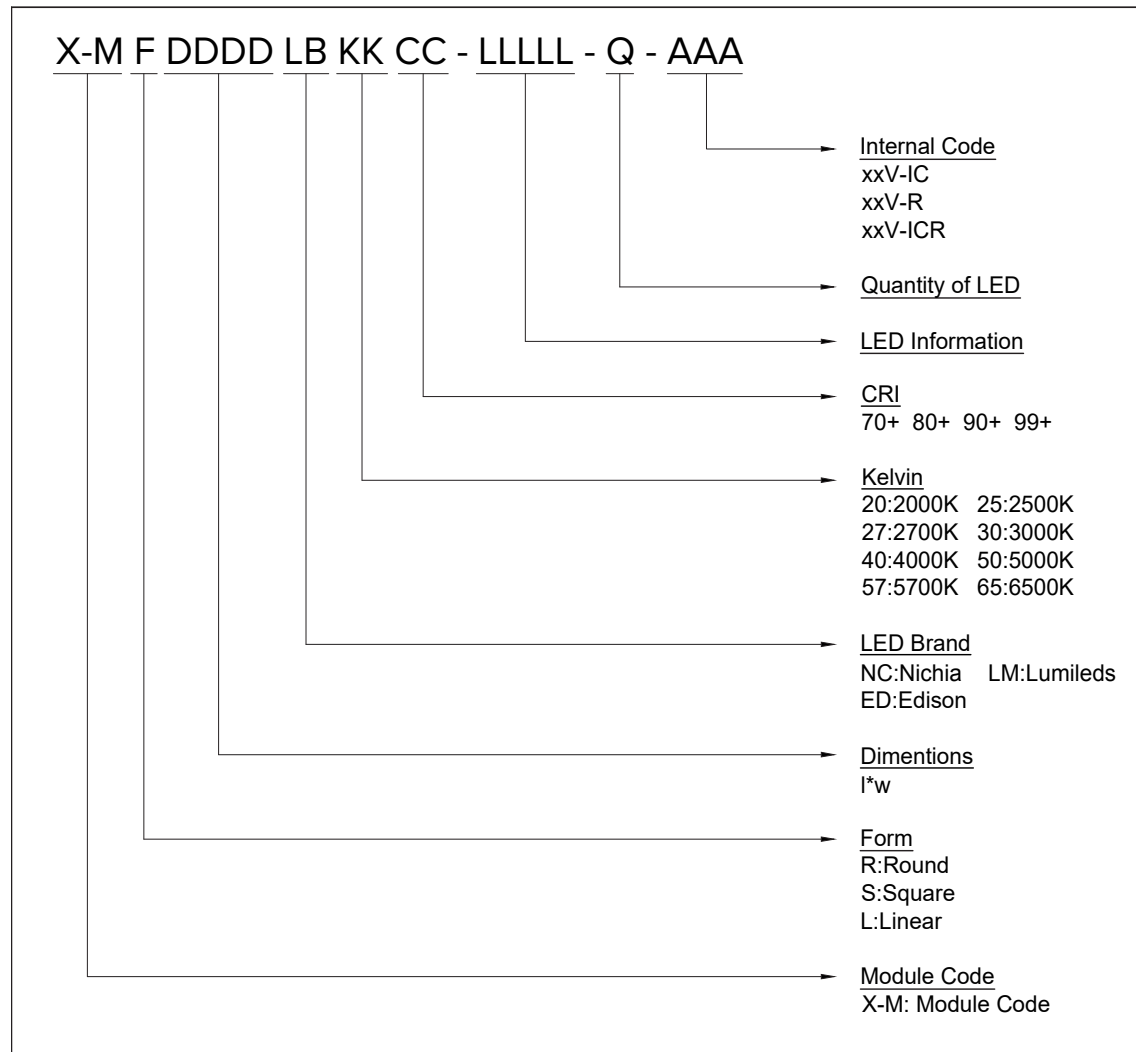
UV-C



TECHNICAL DATA

	UV-A	UV-C
Radiation Angle	120°	
Ambient temperature range	-25° ~ +55°C	
Tc max	100°C	80°C
Max. DC forward current	350mA	700mA
Typical voltage of LED Module at max current	47V	13 V
Insulation test voltage	2kV	
ESD classification	Class 1	
Risk group (EN 62471:2008)	1	
Type of protection	IP00	

ORDERING INFORMATION



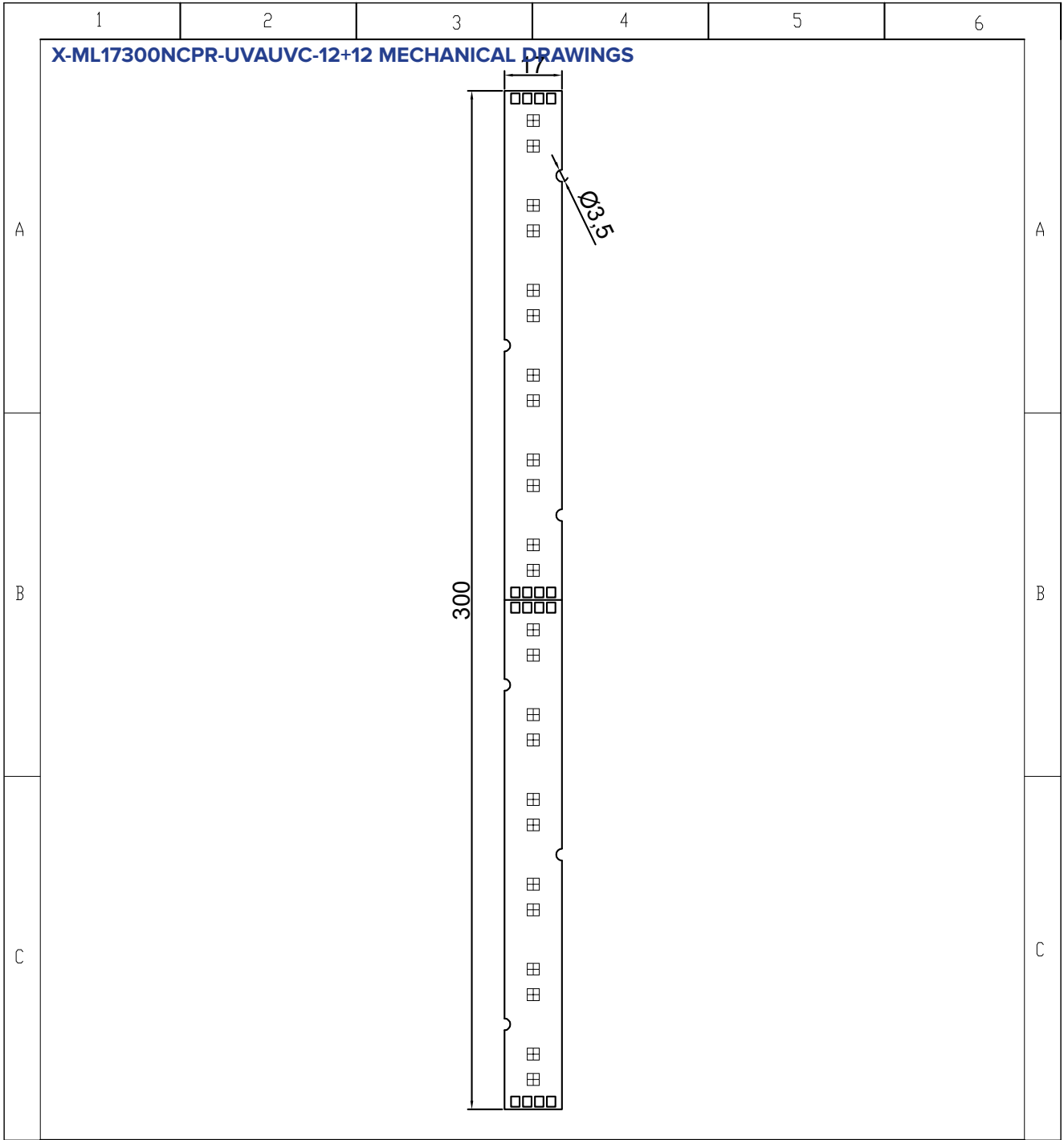
DRIVING CURRENT VS LUMEN OUTPUT SPECIFICATION

Common Characteristic [@Tj : 85°C] ;				
Module Code	X-ML17300NC/PR-UVA/UVC-12+12			
			Electrical Connection	
PCB Material	ALU		UV-A	UV-C
Operating Temperature (°C)	-25 ~ +100°C	Parallel	1	6
Storage Temperature (°C)	-25 ~ +85°C	Series	12	2
Thermal Conductivity (W/m-K)	1,5	LED Quantity	12	12
LED	NC NCSU275T(UV-A)			
Wavelength(nm)	380-390nm			
Module Operating Voltage (V)	43	45,00	47	
Module Operating Current (mA)	200	250	350	
Branch Operating Current (mA)	200	250	350	
Module Power (W)	8,64	11,25	16,38	
Module Radiant Flux (mW)	5.160	5.760	6.120	
Radiant Flux (m/W)	430	480	510	
LED	PRL PB2D-1CLA-TC(UV-C)			
Wavelength(nm)	270-275nm			
Module Operating Voltage (V)	12	12,50	13	
Module Operating Current (mA)	350	500	700	
Branch Operating Current (mA)	58	83	117	
Module Power (W)	4,20	6,25	9,10	
Module Radiant Flux (mW)	102	114	126	
Radiant Flux (m/W)	8,5	9,50	10,50	



The table below shows how to Module Output changes depending on radiant flux ranks (mW)

	Radiant flux			
LED (UV-A)	P3	P4	P5	P6
NC -NCSU275T	1,00	1,20	1,33	1,70

Radiant flux	
LED	
PRL-PB2D-1CLA-TC	1,00



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) XXX		AGIRLIK (WEIGHT) XXX					
Revision	00										
Date	15.02.2021			TLS-001-10L17300UVNP-12-T1.6					OLÇEK / SCALE		A4
Sheet											
Drawn By	Kaan ALTINTEN										
Checked By	Ibrahim OKMEN										
Approved By	Utku OZTURK										

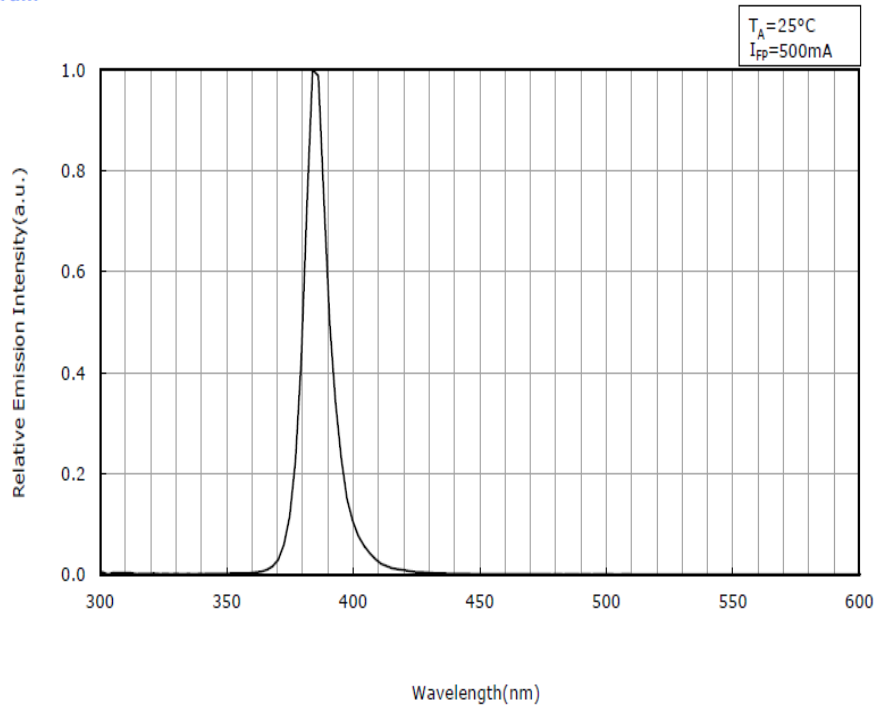
TLS Teknoloji Sanayi ve Dis Ticaret A.S

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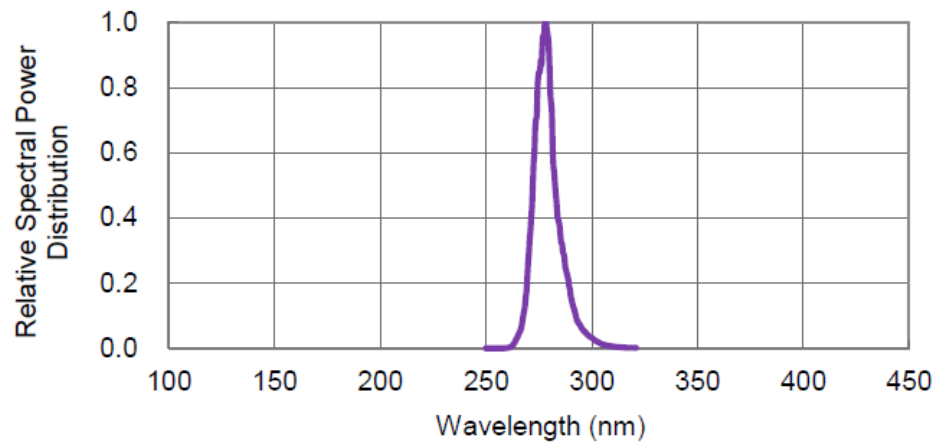
CCT AND BINNING INFORMATION

UV-A

Spectrum



UV-C



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