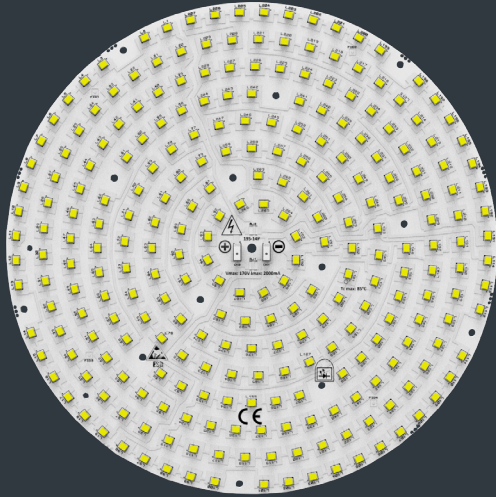




TD Lighting Solutions

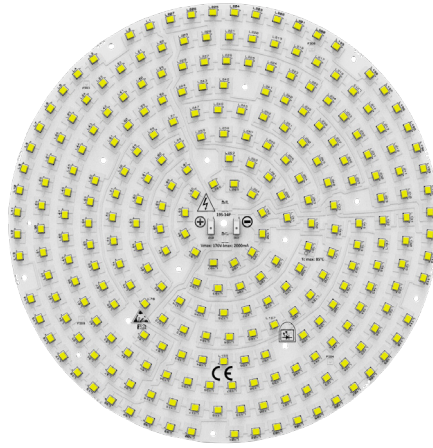


X-MR00226NCxx-NFSW757H-266

Round Series

www.tlsteknoloji.com

PRODUCT PHOTO



SPECIFICATIONS

- Default driving method is constant current input
- CCT Range from 2000°K up to 6500°K
- This module is optional and can be connected as 19 Series 14 Parallel.
- Luminous flux range from 9480 lm to 18734 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:

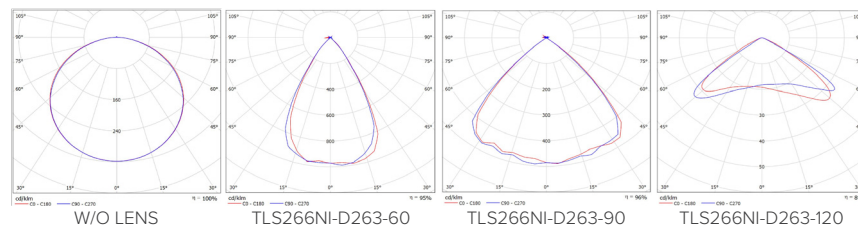
+90 444 27 33

APPLICATIONS



High Bay Lighting

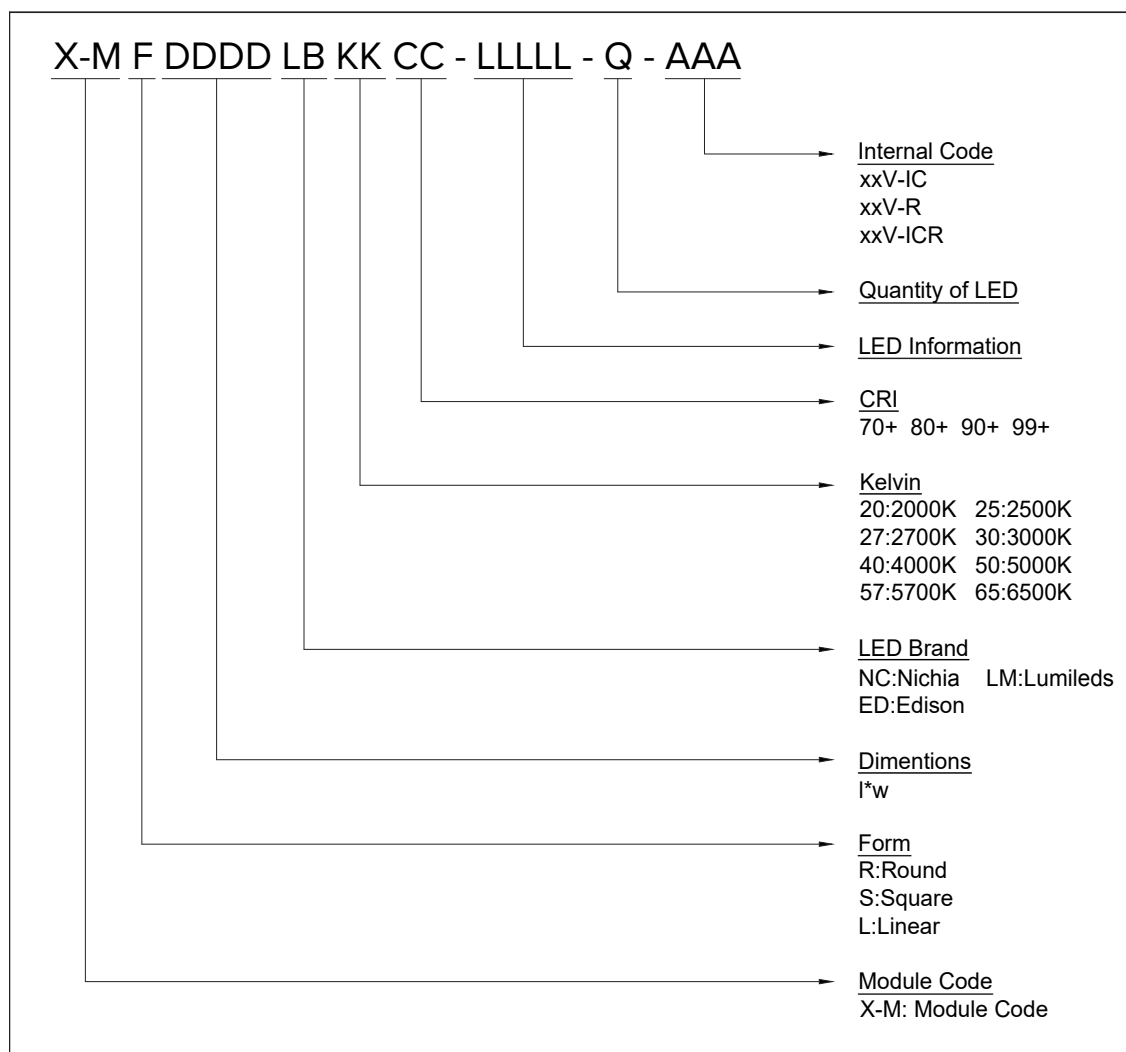
PHOTOMETRY



TECHNICAL DATA

Beam Angle	120°
Ambient temperature range	-25° ~ +55°C
Tc max	85°C
Max. DC forward current	2000mA
Typical voltage of LED Module at max current	55V
Insulation test voltage	2kV
ESD classification	Class 1
Risk group (EN 62471:2008)	2
Type of protection	IP00

ORDERING INFORMATION



DRIVING CURRENT VS LUMEN OUTPUT SPECIFICATION

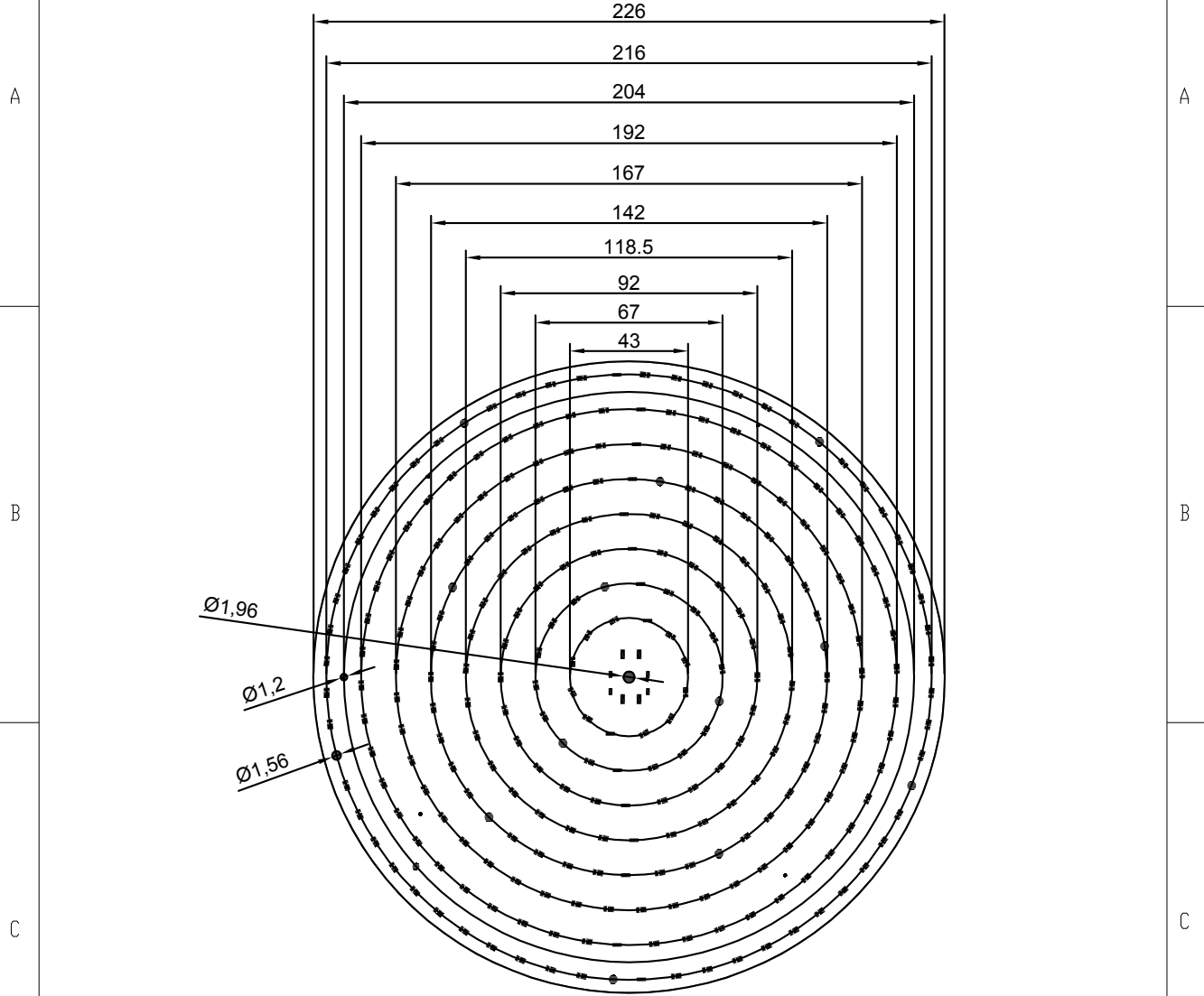
Common Characteristic [@Tj : 85°C] ;			
Module Code	X-MR00226NCxx-NFSW757H-266		
PCB Material	ALU	Electrical Connection	
Operating Temperature (°C)	-40 ~ +85	Parallel	14
Storage Temperature (°C)	-40 ~ +55	Series	19
Thermal Conductivity (W/m-K)	1,5>	LED Quantity	266
LED NFSW757H_R8000			
Correlated Color Temperature (CCT)	4000K		
Color Rendering Index (CRI)	80+		
Module Operating Voltage (V)	51,30	53,20	55,10
Module Operating Current (mA)	1050	1400	2000
Branch Operating Current (mA)	75	100	143
Module Power (W)	53,87	74,48	110,20
Module Light Output (lm)	9.480	12.066	16.971
Module Efficiency (lm/W)	176	162	154
LED NF2W757H-F1_R8000			
Correlated Color Temperature (CCT)	4000K		
Color Rendering Index (CRI)	80+		
Module Operating Voltage (V)	51,68	53,20	55,10
Module Operating Current (mA)	1050	1400	2000
Branch Operating Current (mA)	75	100	143
Module Power (W)	54,26	74,48	110,20
Module Light Output (lm)	10.310	13.406	18.734
Module Efficiency (lm/W)	190	180	170

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

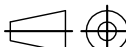

LED	Lumen Output Multiplier				
	2700°K (CRI 80)	3000°K (CRI 80)	4000°K (CRI 80)	5000°K (CRI 80)	6500°K (CRI 80)
NFSW757H_R8000	0,875	0,916	1	1	1
NF2W757H-F1_R8000	0,67	0,75	0,82	0,82	0,82

Relative luminous intensity versus CCT (°K)

X-MR00226NCxx-NFSW757H-266 MECHANICAL DRAWINGS



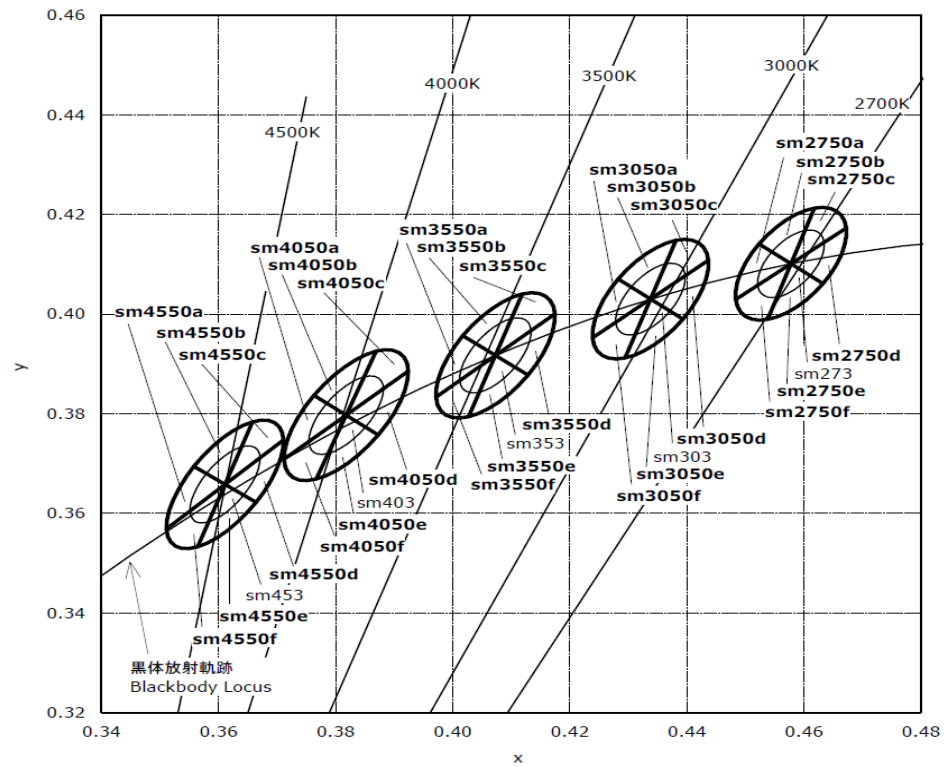
SERBEST ÖLÇÜ TOLERANSLARI -DIN 2768-1 / General Tolerances for linear and angular dimensions (DIN ISO 2768-1)

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) XXX		AGIRLIK (WEIGHT) XXX							
Revision		00											
Date		10.12.2019		TLS-001-10R00226NC-266						OLÇEK / SCALE		A4	
Sheet													
Drawn By		Kaan ALTINTEN											
Checked By		Ibrahim OKMEN											
Approved By		Mesut CINAR											

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