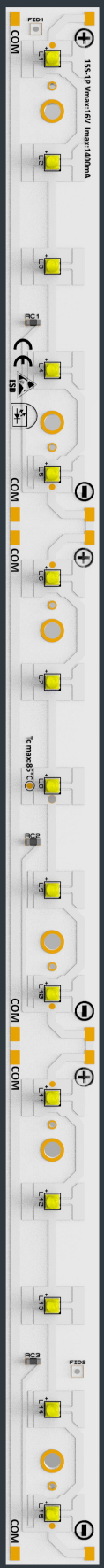


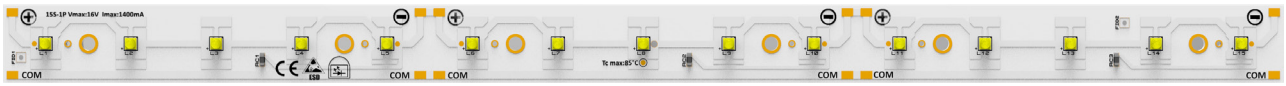
TD Lighting Solutions

X-ML24398NC-30xx-NVSW219F-V1-15

Linear Series

www.**tlsteknoloji**.com

PRODUCT PHOTO



SPECIFICATIONS

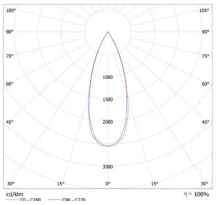
- Default driving method is constant current input
- CCT Range from 2700K up to 5700K
- This module can be used as 15 series 1 parallels.
- Luminous flux range from 1.859 lm to 4.914lm
- Efficacy of the module up to 126 lm/W
- CRI 90 is standard.CRI 80 is available.
- Outstanding system color tolerance 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

Cove Light

PHOTOMETRY

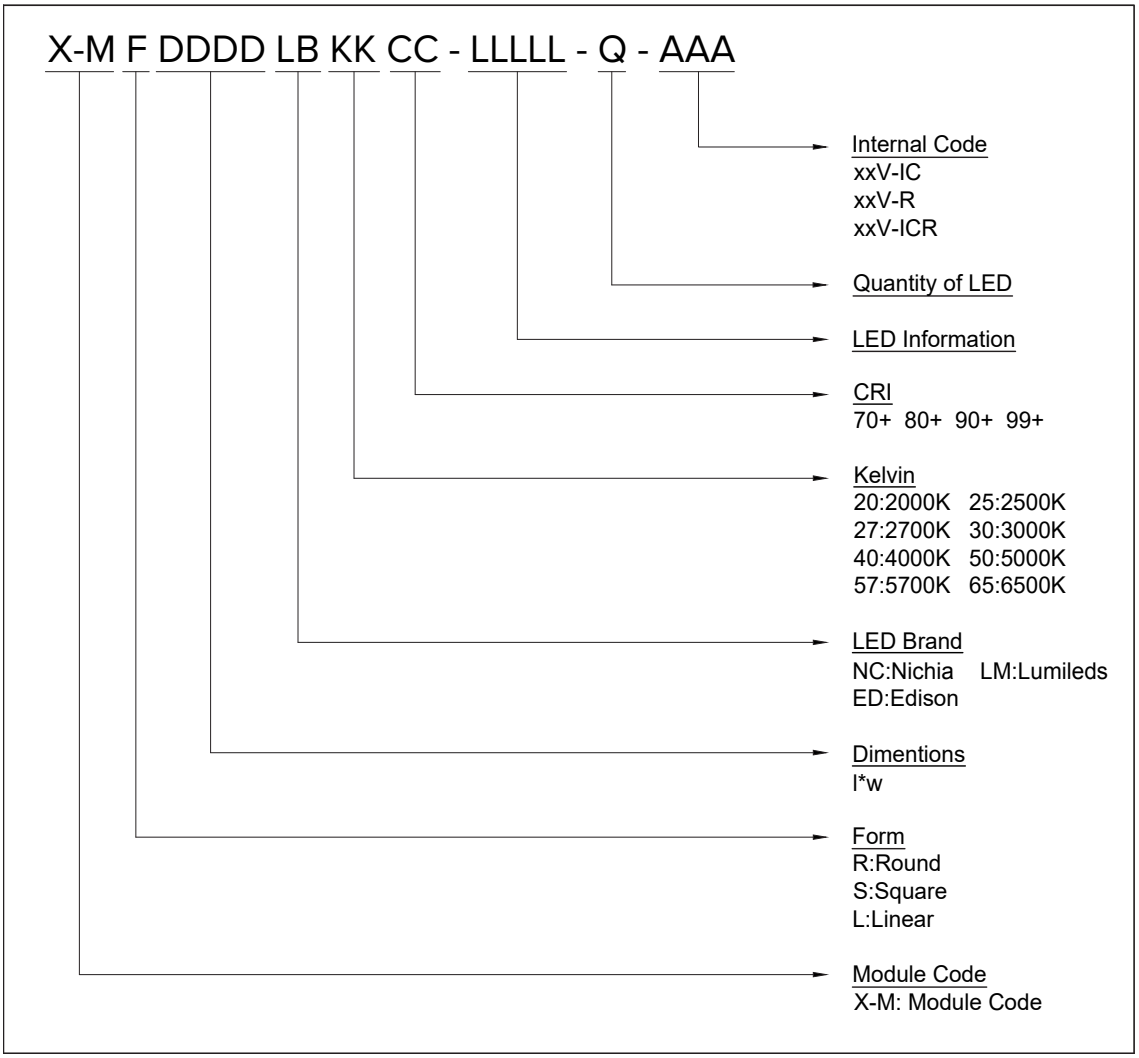


REF-L132W29-5IN1-34-B

TECHNICAL DATA

Beam Angle	120°
Ambient temperature range	-25° ~ +55°C
Tc max	100°C
Max. DC forward current	1050mA
Typical voltage of LED Module at max current	45 V
Insulation test voltage	2kV
ESD classification	Class 1
Risk group (EN 62471:2008)	2
Type of protection	IP00

ORDERING INFORMATIONS



DRIVING CURRENT VS LUMEN OUTPUT SPECIFICATION

Common Characteristic [@Tj : 85°C] ;				
Module Code	X-ML24398NC-30xx-NVSW219F-V1-15			
PCB Material	ALU		**Electrical Connection**	
Operating Temperature (°C)	-40 ~ +100		Parallel	1
Storage Temperature (°C)	-40 ~ +55		Series	15
Thermal Conductivity (W/m-K)	1>		LED Quantity	15
LED	**NVSW219F-V1_R9050**			
Correlated Color Temperature (CCT)	**3000K**			
Color Rendering Index (CRI)	90+			
Module Operating Voltage (V)	42,15	43,8	45	
Module Operating Current (mA)	350	700	1050	
Branch Operating Current (mA)	350	600	1050	
Module Power (W)	14,75	30,66	47,25	
Module Light Output (lm)	1.859	3.495	4914	
Module Efficiency (lm/W)	126	114	104	

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

Lumen Output Multiplier					
LED	2700K (CRI 90)	3000K (CRI 90)	4000K (CRI 90)	5000K (CRI 90)	5700K (CRI 90)
NVSW219F-V1_R9050	0,93	1	1,07	1,09	1,09

Relative luminous intensity versus CCT (°K)

DATASHEET

X-ML24398NC-30xx-NVSW219F-V1-15

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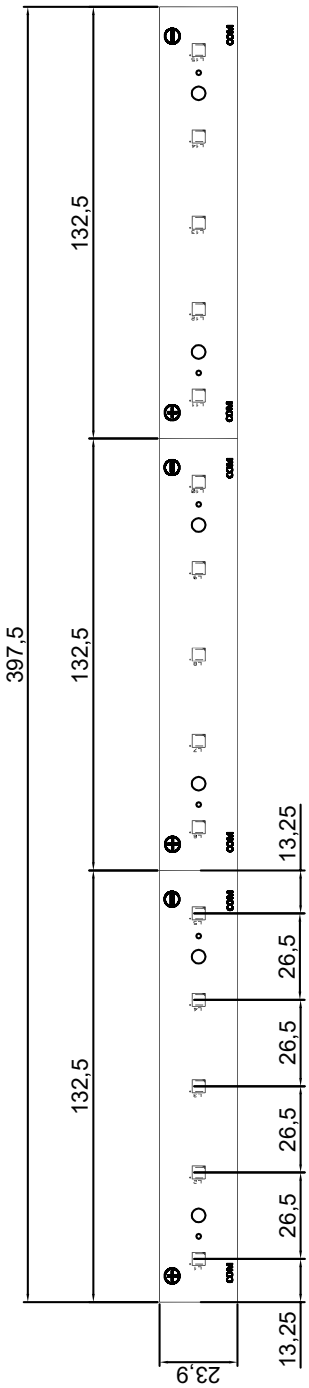
X-ML24398NC-30xx-NVSW219F-V1-15 MECHANICAL DRAWINGS



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	14.02.2022	TLS-001-10L24398NC35-15-T1.6	OLÇEK / SCALE 1 / 1 A3
Sheet			
Drawn By	Kaan ALTINTEN		
Checked By	Kaan ALTINTEN		
Approved By	Sahand ASHRAFIAN		

TD Lighting Solutions

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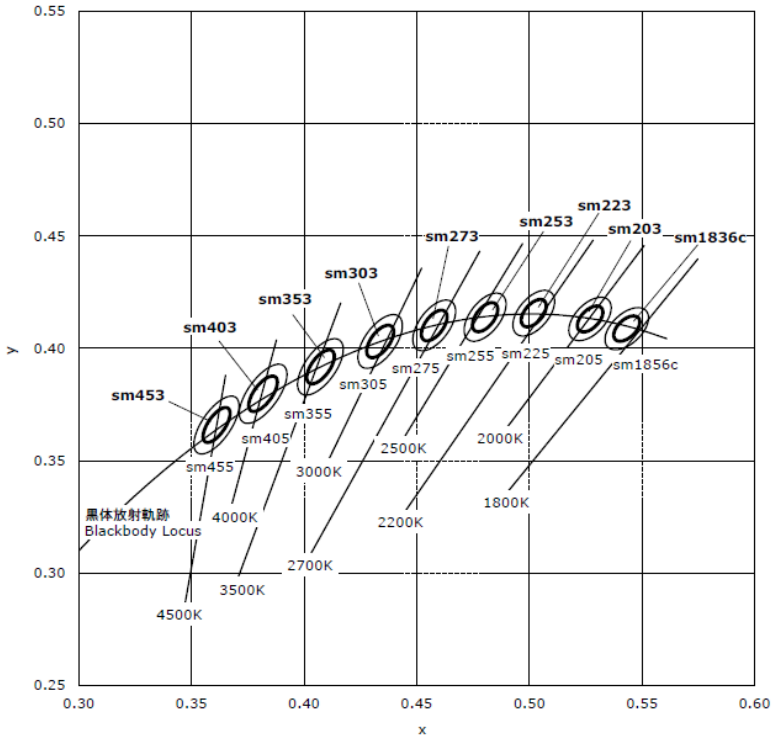
CCT AND BINNING INFORMATION



LIFE TIME

MODEL NUMBER: NVSW219F-V1

Report No. : SQETMT021101

LM-80 Test Report

This LM-80 testing is performed in accordance with IES LM-80-15.

Part No. NVSW219F-V1

Issue Date:	October 13, 2020	**Revision Date:**	-
Test Initiation Date:	July 10, 2019	**Test Completion Date:**	-
Test Duration:	10,000 hours	**Report No.:**	SQETMT021101

Customer Information:

Company Name: Nichia Corporation
Address: 491-100, Oka, Kaminaka-cho, Anan-shi, Tokushima, 774-8601, JAPAN

Description of Test Samples:

Manufacturer's Name: Nichia Corporation
Classification: LED Package
Part Name: White LED
Part No.: NVSW219F-V1
Nominal CCT: 2700 K

Test Summary:

Data Set	Case Temperature [°C]	Ambient Temperature [°C]	Drive Current [mA]	Luminous Flux Maintenance at 10K hours [%]	Chromaticity Shift ($\Delta u'v'$) at 10K hours	TM-21 Projection L_{70}(10K) [hours]	TM-21 Projection L_{80}(10K) [hours]	TM-21 Projection L_{90}(10K) [hours]
1	55	> 50	700	97.5	0.0017	> 60000	> 60000	> 60000
2	55	> 50	1500	96.6	0.0019	> 60000	> 60000	> 60000
3	85	> 80	700	97.7	0.0016	> 60000	> 60000	> 60000
4	85	> 80	1200	97.1	0.0017	> 60000	> 60000	> 60000
5	85	> 80	1500	96.5	0.0019	> 60000	> 60000	> 60000
6	105	> 100	700	97.1	0.0016	> 60000	> 60000	> 60000
7	105	> 100	1200	96.3	0.0019	> 60000	> 60000	> 60000
8	105	> 100	1500	94.3	0.0025	> 60000	> 60000	25700

Accredited
ASNITE 0057 Testing

Approved Signatory:

T. Wakaki

Takara WAKAKI, Lab Manager
Nichia Corporation LED Testing Laboratory
1-1,Tatsumi-Cho, Anan-Shi, TOKUSHIMA 774-0001, JAPAN

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