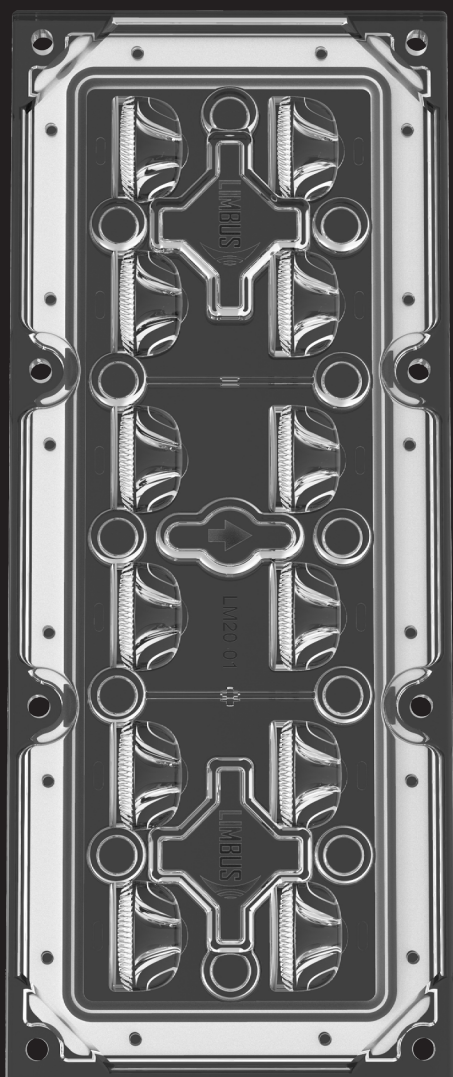


# LIMBUS

CONTROL YOUR LIGHT

BY  *TD Lighting Solutions*

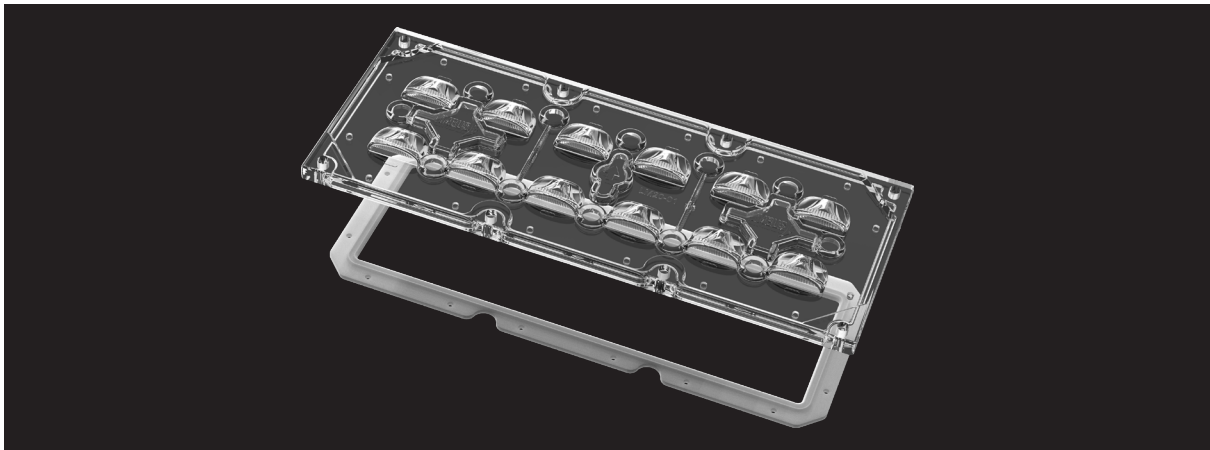


## TLS12NI-W71L173-STL-H-M2M3-IP

- NICHIA NVSW219F
- NICHIA NVSW319B
- LUMILEDS LUXEON 5050

TLS12NI-W71L173-STL-H-M2M3-IP  
with NICHIA NVSW219F  
LED OPTIC DATASHEET

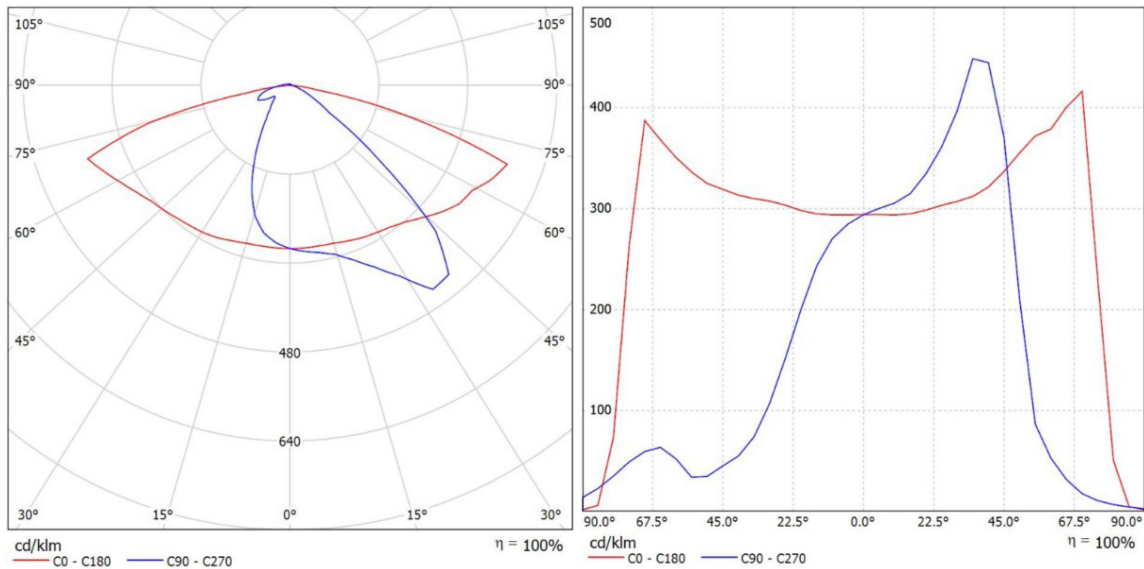
PRODUCT PICTURE



GENERAL SPECIFICATIONS

Product Code	TLS12NI-W71L173-STL-H-M2M3-IP
Description	Street Lighting
Degree (FWHM)	ASYM - 67x151
Efficiency	91%
Type	12in1
Size (mm) W x L x H	71x173x8
Material / Operating Temp.	PC / -40 ° C ~ + 110 ° C max
Fastening	screw, pin
Box Size (mm) WxLxH	505x330x255
Box Quantity	190 pcs
Box Weight (g)	10000
Rohs Complaint	Yes
Storage Temperature	0 ° C ~ 40 ° C max
Compatible LED MODULE	X-ML45146NC4070-NVSW219F-12

PHOTOMETRIC SPECIFICATIONS

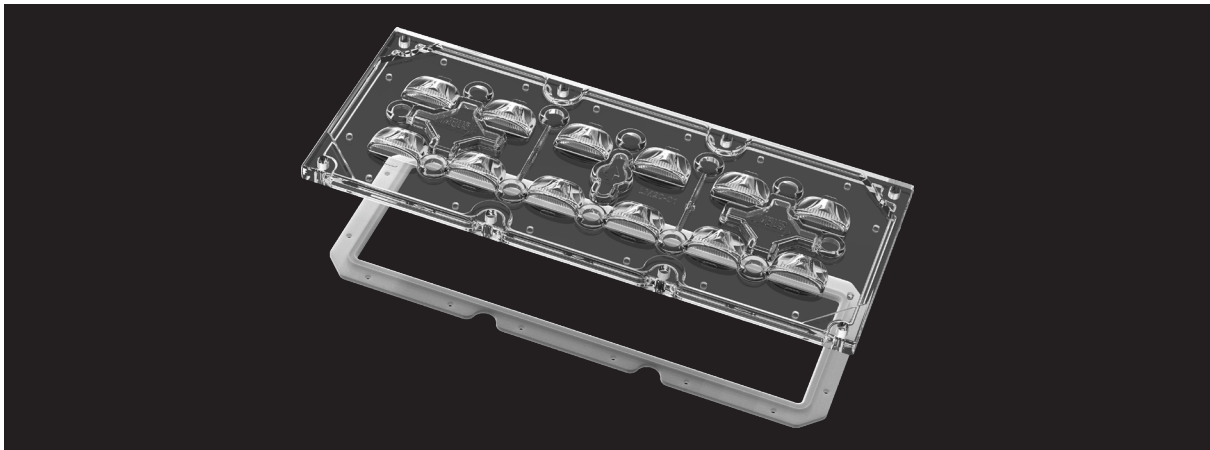


APPLICATION NOTES

- Please use a litter water and soft fabric (air-laid paper) to clean the lens & reflector if necessary.
- Forbid to use industrial solvent to clean the lens, such as alcohol.
- Storage environment temperature is 0°C~40°C, humidity is 30%~95%.
- Optic Lens has the function to change the ray of light, it is made of optical material, the effect shall be influenced once pollute. Please do not open the packing before use it, to avoid the dust pollution.
- Protect the product from the sun and other ultraviolet ray, as these will lead to aging, change color, crack, etc.
- Please ware gloves once install the lens, avoid to abrasion the lens surface.
- Forbid to use acidic or alkaline solution touch the product, avoid to generate the chemical reactions.

TLS12NI-W71L173-STL-H-M2M3-IP  
with NICHIA NVSW319B  
LED OPTIC DATASHEET

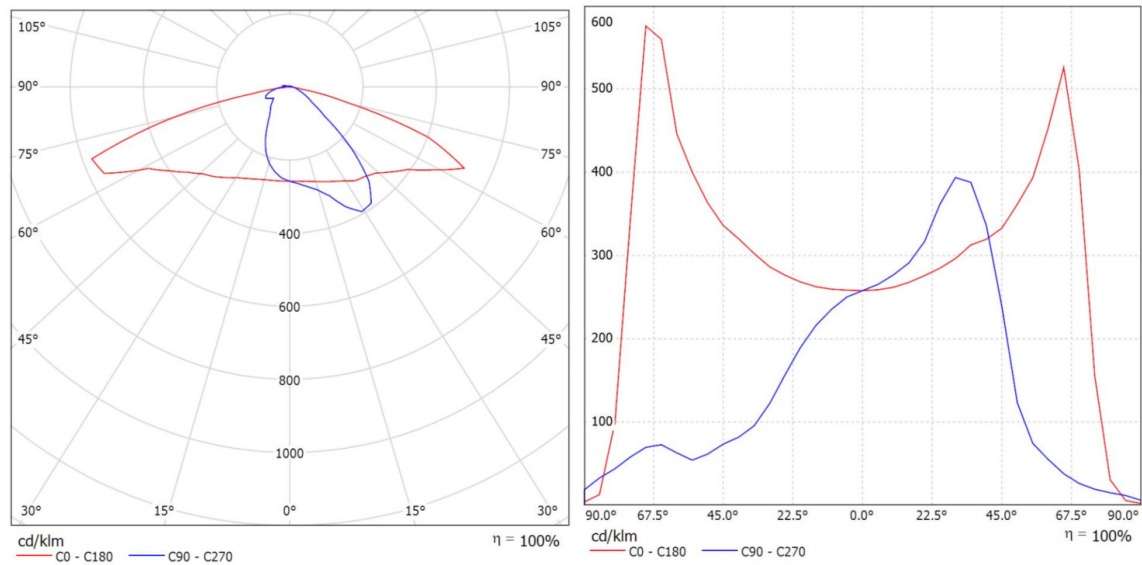
PRODUCT PICTURE



GENERAL SPECIFICATIONS

Product Code	TLS12NI-W71L173-STL-H-M2M3-IP
Description	Street Lighting
Degree (FWHM)	ASYM - 65x147
Efficiency	91%
Type	12in1
Size (mm) W x L x H	71x173x8
Material / Operating Temp.	PC / -40 ° C ~ + 110 ° C max
Fastening	screw, pin
Box Size (mm) WxLxH	505x330x255
Box Quantity	190 pcs
Box Weight (g)	10000
Rohs Complaint	Yes
Storage Temperature	0 ° C ~ 40 ° C max
Compatible LED MODULE	X-ML45146NCxx-NVSW319B-12

PHOTOMETRIC SPECIFICATIONS

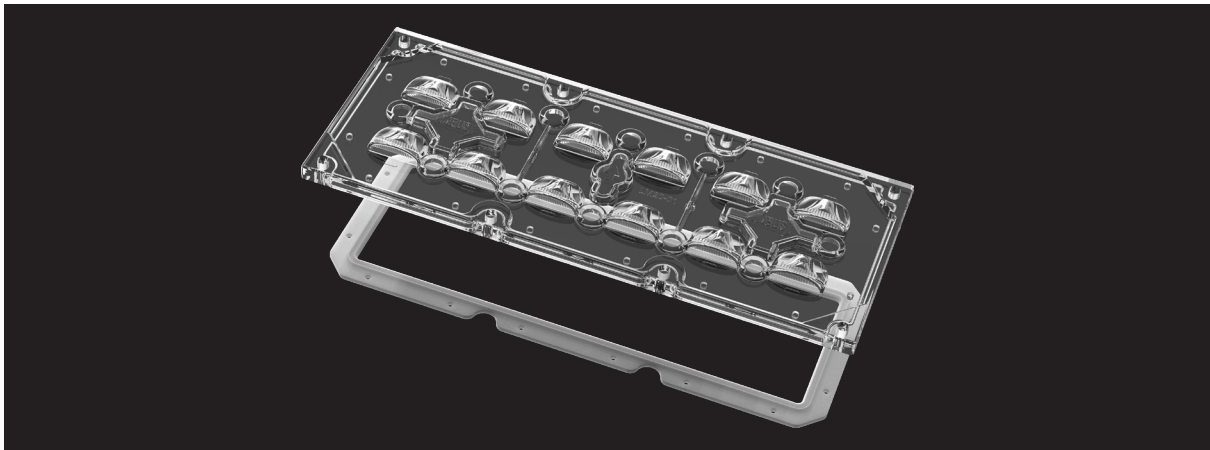


APPLICATION NOTES

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- Forbid to use industrial solvent to clean the lens, such as alcohol.
- Storage environment temperature is 0°C~40°C, humidity is 30%~95%.
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- Protect the product from the sun and other ultraviolet ray, as these will lead to aging, change color, crack, etc.
- Please ware gloves once install the lens, avoid to abrasion the lens surface.
- Forbid to use acidic or alkaline solution touch the product, avoid to generate the chemical reactions.

TLS12NI-W71L173-STL-H-M2M3-IP  
with LUMILEDS 5050  
LED OPTIC DATASHEET

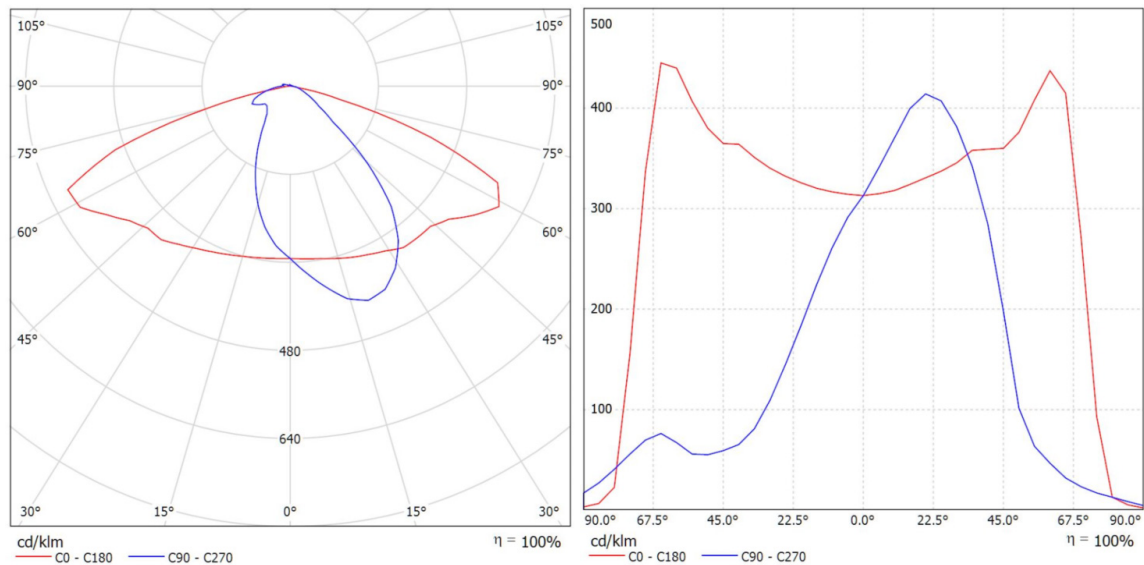
PRODUCT PICTURE



GENERAL SPECIFICATIONS

Product Code	TLS12NI-W71L173-STL-H-M2M3-IP
Description	Street Lighting
Degree (FWHM)	ASYM - 62x144
Efficiency	91%
Type	12in1
Size (mm) W x L x H	71x173x8
Material / Operating Temp.	PC / -40 ° C ~ + 110 ° C max
Fastening	screw, pin
Box Size (mm) WxLxH	505x330x255
Box Quantity	190 pcs
Box Weight (g)	10000
Rohs Complaint	Yes
Storage Temperature	0 ° C ~ 40 ° C max
Compatible LED MODULE	X-ML45146LMxx-5050-12

PHOTOMETRIC SPECIFICATIONS



APPLICATION NOTES

- Please use a little water and soft fabric (air-laid paper) to clean the lens & reflector if necessary.
- Forbid to use industrial solvent to clean the lens, such as alcohol.
- Storage environment temperature is 0°C~40°C, humidity is 30%~95%.
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## LED OPTIC DATASHEET

# LIMBUS

4321

Technical drawing of a rectangular LED light fixture (LM20-01) showing three views: top, side, and perspective.

**Top View Dimensions:**

- Overall width: 173
- Overall height: 71
- Internal width segments: 54,20, 54,20, 54,20
- Internal height segments: 61
- Corner radius:  $\phi 3,50$

**Side View Dimensions:**

- Thickness: 8

**Perspective View Dimensions:**

- Internal width segments: 25,40, 25,40, 25,40
- Internal height segments: 25,40, 36
- Corner radius:  $\phi 3,20$
- Internal width segments:  $\phi 2$ ,  $\phi 3,20$ ,  $\phi 6,55$

SERBEST ÖLÇÜ TOLERANSLARI DIN2768-1 / GENERAL TOLERANCES FOR LINEAR AND ANGULAR DIMENSIONS DIN 2768-1

0.5 up to 3 mm	over 3 up to 6 mm	over 6 up to 30 mm	over 30 up to 120 mm	over 120 up to 400 mm	over 400 up to 1000 mm
$\pm 0.1$	$\pm 0.1$	$\pm 0.2$	$\pm 0.3$	$\pm 0.5$	$\pm 0.8$

Stock Code No	--	MALZEME / MATERIAL	AĞIRLIK / WEIGHT	YÜZEY KORUMA / SURFACE COATING
Revision		PC	41.15 g	
Date	23.07.2020	PARÇA NO / PART NO	LM20-01	SCALE:1:2
Sheet No	1/1	BRAND	LIMBUS	A4
Drawn by	İBRAHİM ÖKMEN			
Checked by	İBRAHİM ÖKMEN			
Approved by	-			

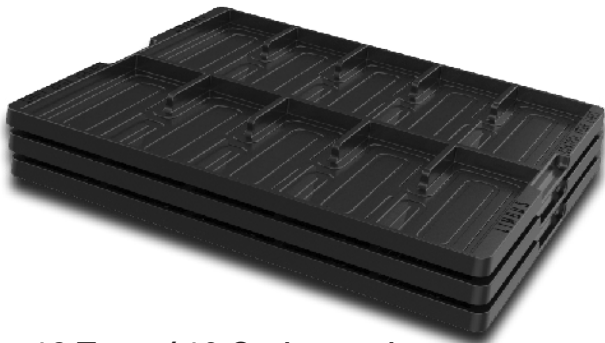
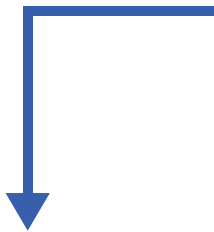
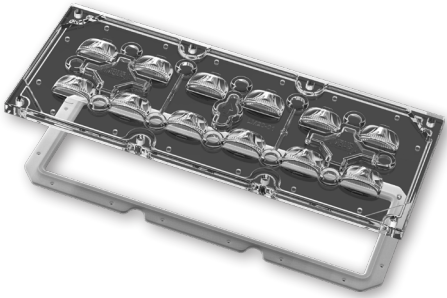
TLS Teknoloji Sanayi ve Dış Ticaret A.Ş.

This drawing is our property. It can't be reproduced or communicated without our written agreement.

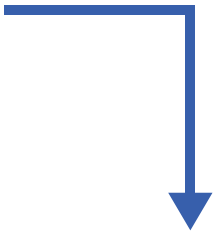
4321

PAGE 1 / 1

Item	Quantity	Total Parts	Size (L*W*H*)	G.W
Tray	10 pcs per Tray	10 pcs	43*37*1.5 cm	0.62 Kg
Outer Box	19 Trays per Outer Box	190 pcs	44*39*22 cm	12.85 Kg



- 19 Trays / 10 Optics each



- 19 Trays / Outer Box

PACKAGING



# TLS12NI-W71L173-STL-H-M2M3-IP

LED OPTIC DATASHEET

www.limbus.com.tr  
444 27 33

**LIMBUS**  
CONTROL YOUR LIGHT

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