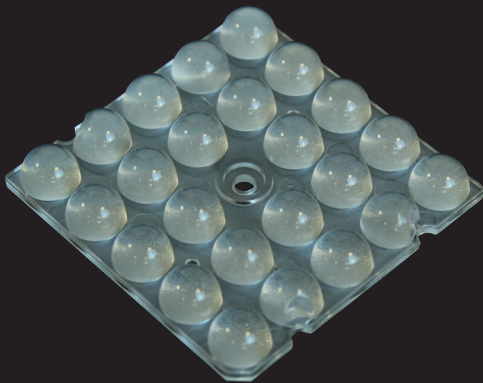


# LIMBUS

CONTROL YOUR LIGHT



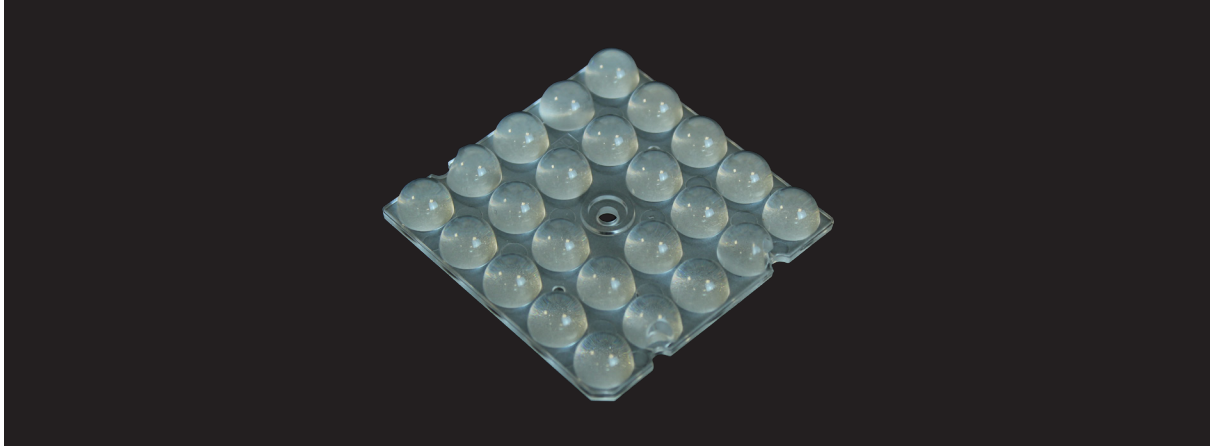
BY  *TD Lighting Solutions*



## TLS24NI-5050 Series

FAMILY DATASHEET

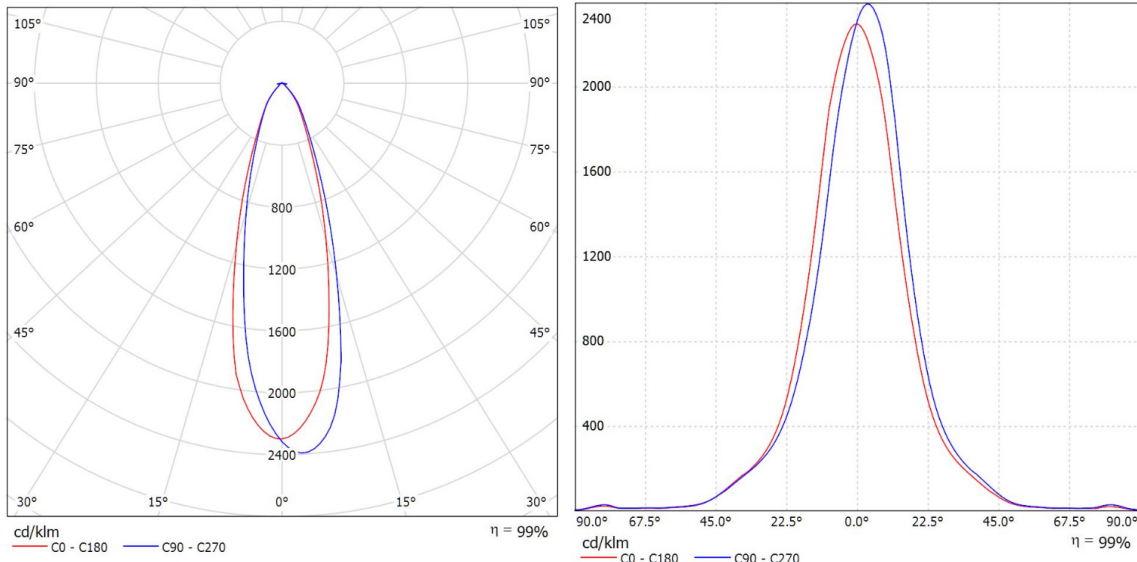
PRODUCT PICTURE



GENERAL SPECIFICATIONS

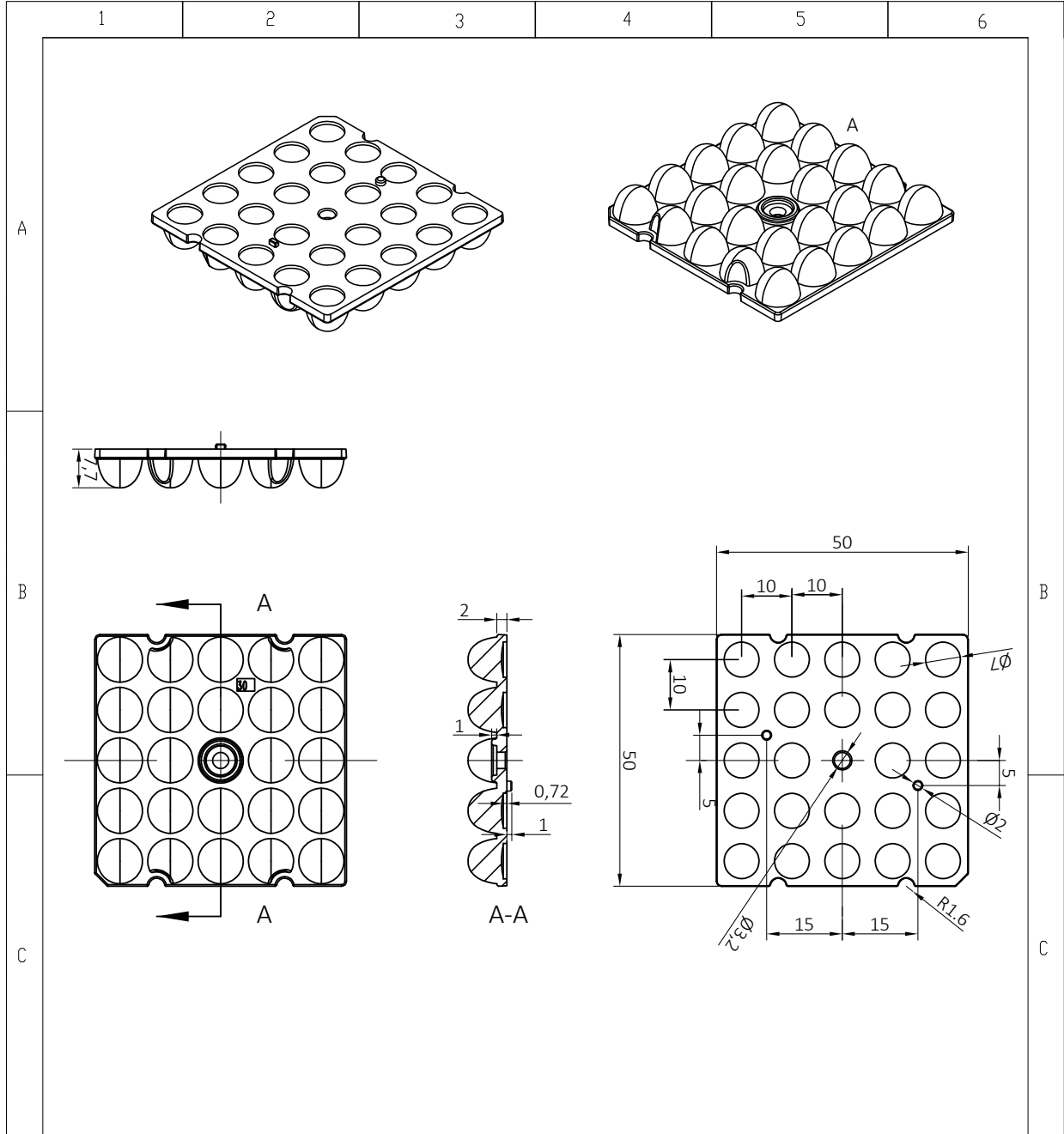
<b>Product Code</b>	TLS24NI-5050-30
<b>Description</b>	Highbay Lighting
<b>Degree (FWHM)</b>	30°
<b>Efficiency</b>	93%
<b>Type</b>	24in1
<b>Size (mm) W x L x H</b>	50x50x7.7
<b>Material / Operating Temp.</b>	PMMA / -40 ° C ~ + 90 ° C max
<b>Fastening</b>	Screw
<b>Box Size (mm) WxLxH</b>	
<b>Box Quantity</b>	
<b>Box Weight (g)</b>	
<b>Rohs Complaint</b>	Yes
<b>Storage Temperature</b>	0 ° C ~ 40 ° C max

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.



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

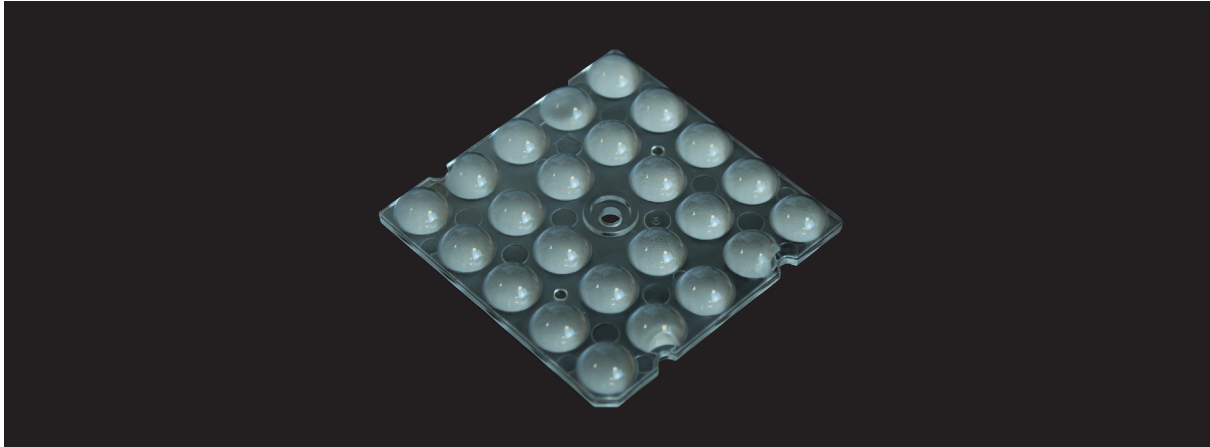
0.5 up to 3mm	over 3 up to 6mm	over 6 up to 30mm	over 30 up to 120mm	over 120 up to 400mm	over 400 up to 1000mm
± 0.1	± 0.1	± 0.2	± 0.3	± 0.5	± 0.8

Stock code No		MALZEME (MATERIAL)	AGIRLIK (WEIGHT)		
Revision	00	PMMA			
Date	14.11.2019	TLS24NI-5050-30		OLÇEK / SCALE	A4
Sheet				1 / 1	
Drawn By	Kaan ALTINTEN	 			
Checked By	Ibrahim OKMEN				
Approved By	Mesut CINAR				

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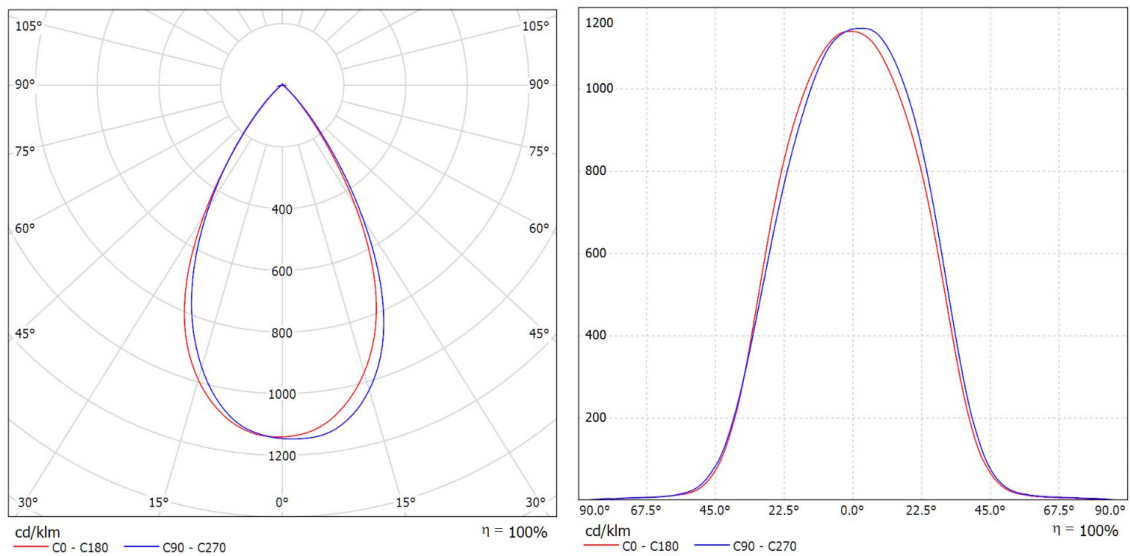
PRODUCT PICTURE



GENERAL SPECIFICATIONS

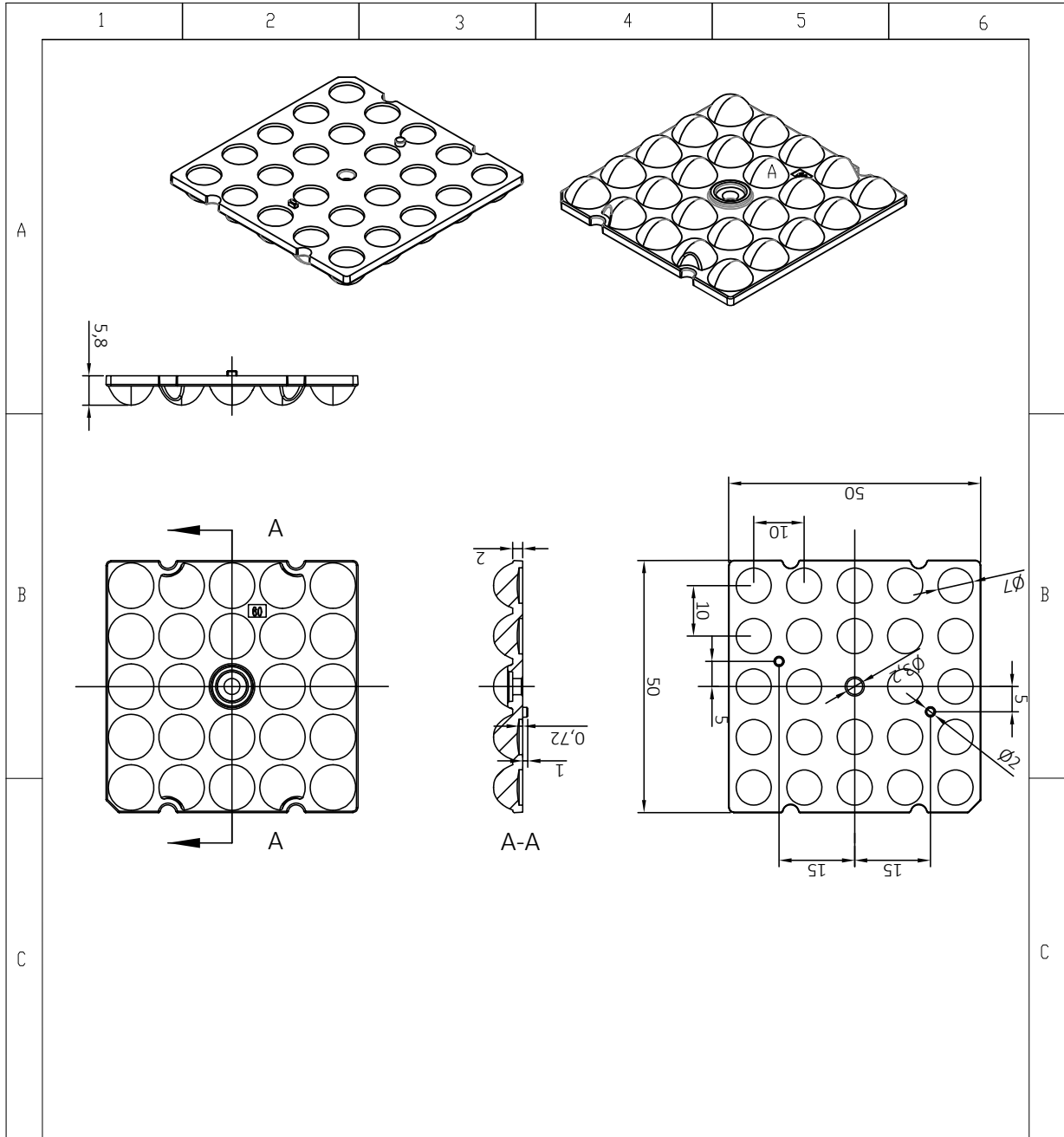
<b>Product Code</b>	TLS24NI-5050-60
<b>Description</b>	Highbay Lighting
<b>Degree (FWHM)</b>	60°
<b>Efficiency</b>	93%
<b>Type</b>	24in1
<b>Size (mm) W x L x H</b>	50x50x5.8
<b>Material / Operating Temp.</b>	"PMMA / -40 ° C ~ + 90 ° C max PC / -40 ° C ~ + 110 ° C max"
<b>Fastening</b>	Screw
<b>Box Size (mm) WxLxH</b>	
<b>Box Quantity</b>	
<b>Box Weight (g)</b>	
<b>Rohs Complaint</b>	Yes
<b>Storage Temperature</b>	0 ° C ~ 40 ° C max

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%.
- 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.
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- Please wear 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.

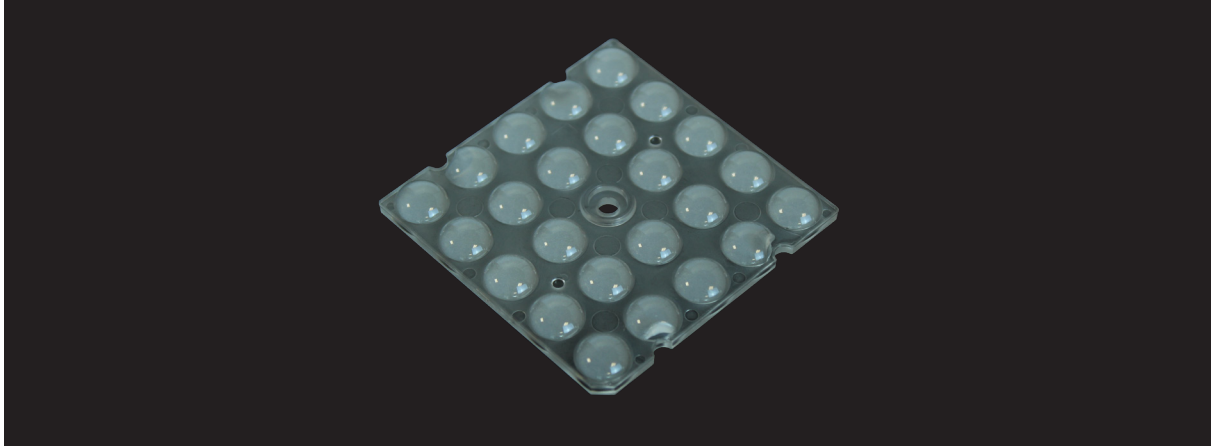


SERBEST ÖLÇÜ TOLERANSLARI -DIN 2768-1 / General Tolerances for linear and angular dimensions ( DIN ISO 2768-1)					
0.5 up to 3mm	over 3 up to 6mm	over 6 up to 30mm	over 30 up to 120mm	over 120 up to 400mm	over 400 up to 1000mm
± 0.1	± 0.1	± 0.2	± 0.3	± 0.5	± 0.8
Stock code No		MALZEME (MATERIAL)	AGIRLIK (WEIGHT)		
Revision	00	PMMA	XXX		
Date	14.11.2019	TLS24NI-5050-60		OLÇEK / SCALE	A4
Sheet				1 / 1	
Drawn By	Kaan ALTINTEN				
Checked By	Ibrahim OKMEN				
Approved By	Mesut CINAR				

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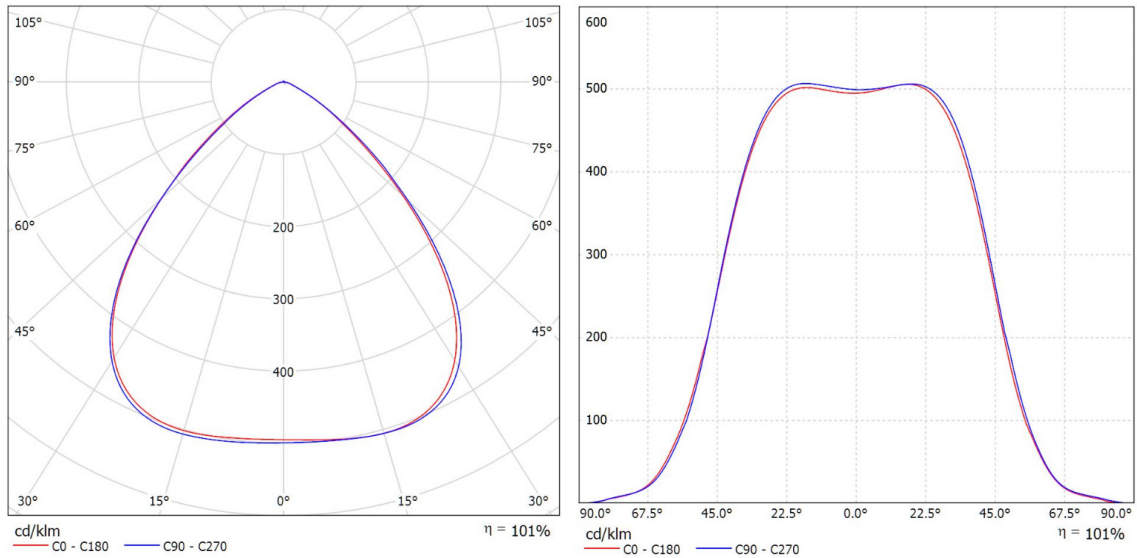
PRODUCT PICTURE



GENERAL SPECIFICATIONS

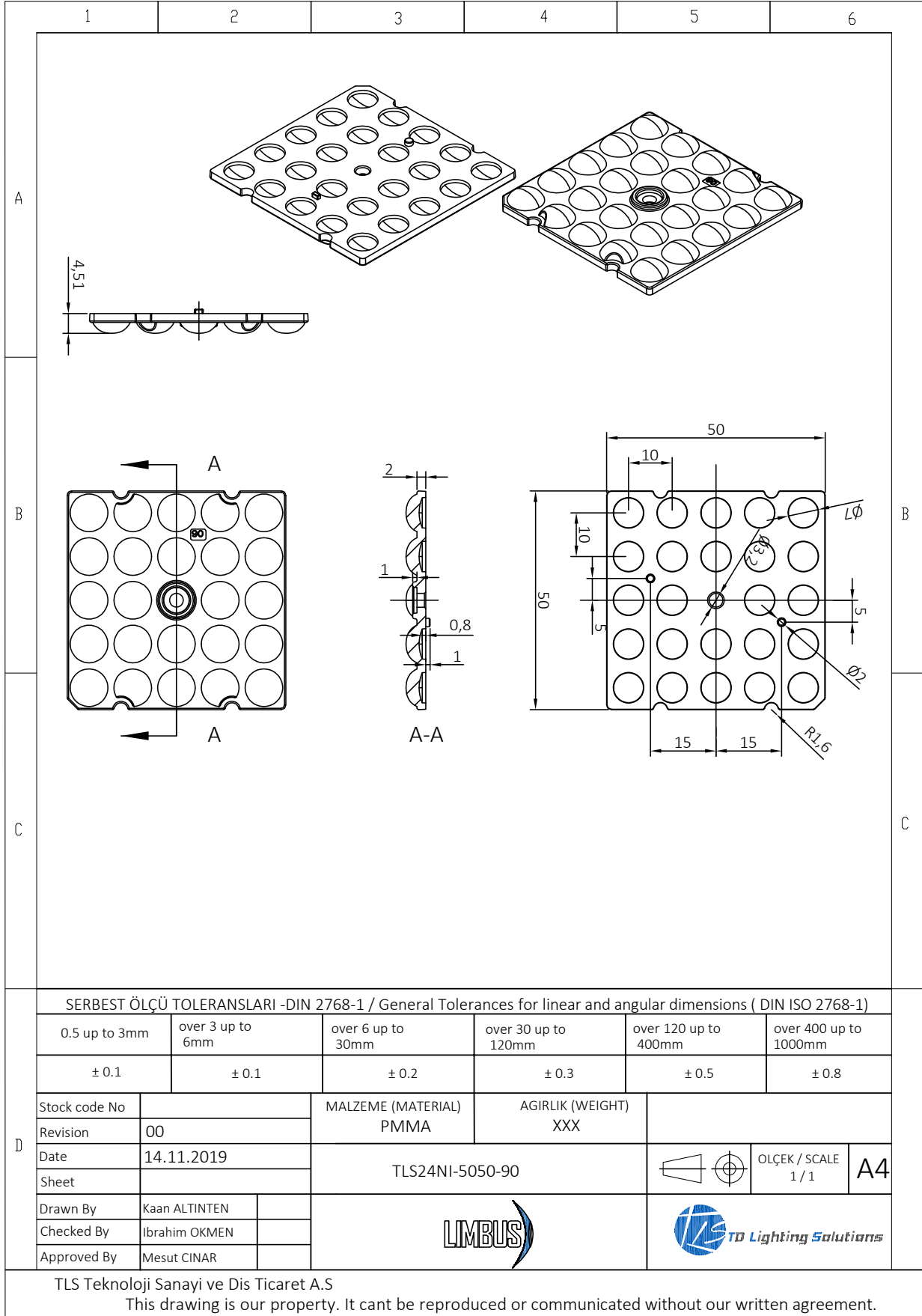
<b>Product Code</b>	TLS24NI-5050-90
<b>Description</b>	Highbay Lighting
<b>Degree (FWHM)</b>	90°
<b>Efficiency</b>	93%
<b>Type</b>	241in1
<b>Size (mm) W x L x H</b>	50x50x4.51
<b>Material / Operating Temp.</b>	"PMMA / -40 ° C ~ + 90 ° C max PC / -40 ° C ~ + 110 ° C max"
<b>Fastening</b>	Screw
<b>Box Size (mm) WxLxH</b>	
<b>Box Quantity</b>	
<b>Box Weight (g)</b>	
<b>Rohs Compliant</b>	Yes
<b>Storage Temperature</b>	0 ° C ~ 40 ° C max

PHOTOMETRIC SPECIFICATIONS

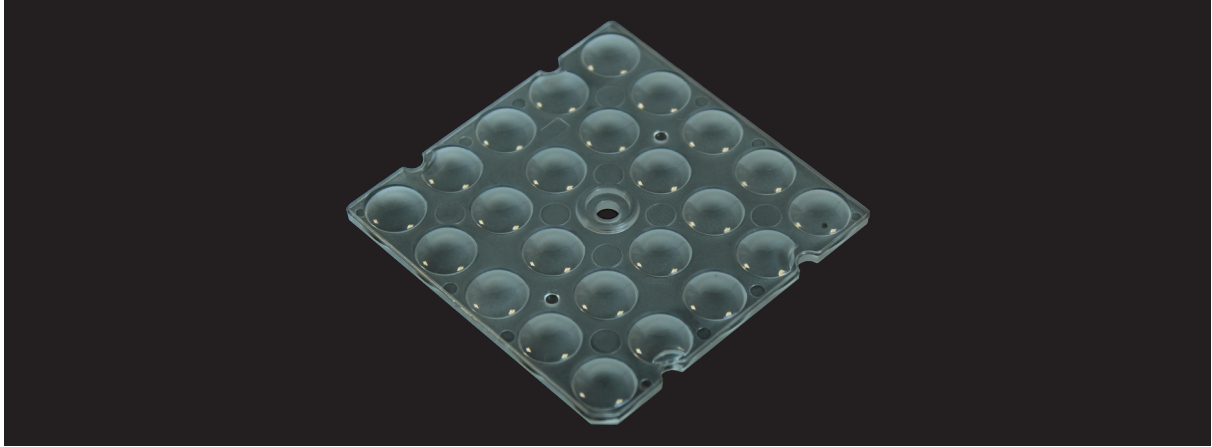


APPLICATION NOTES

- 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%.
- 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 wear 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.



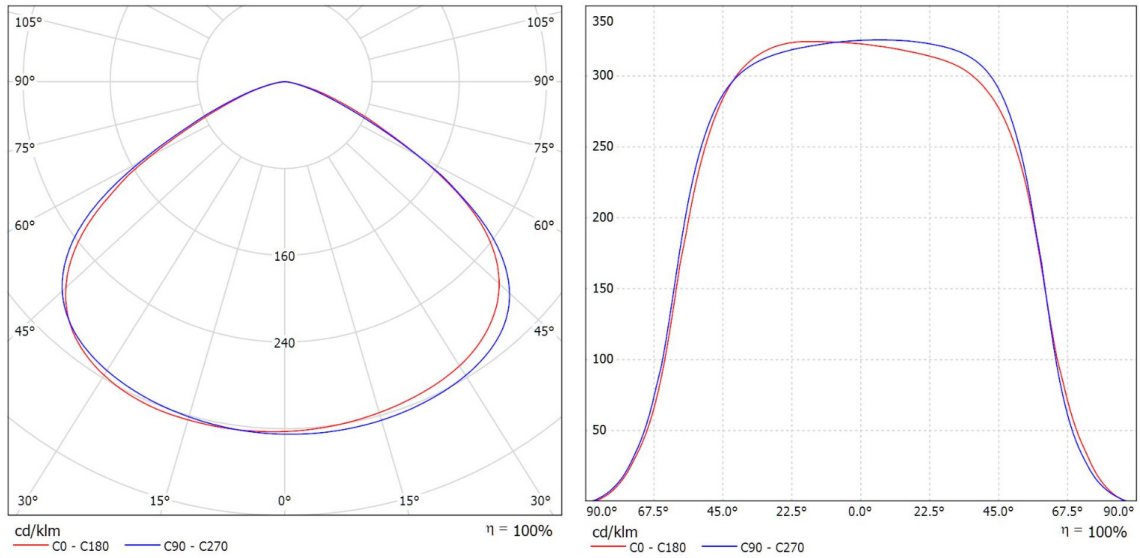
PRODUCT PICTURE



GENERAL SPECIFICATIONS

<b>Product Code</b>	TLS24NI-5050-120
<b>Description</b>	Highbay Lighting
<b>Degree (FWHM)</b>	120°
<b>Efficiency</b>	93%
<b>Type</b>	24in1
<b>Size (mm) W x L x H</b>	50x50x3.17
<b>Material / Operating Temp.</b>	"PMMA / -40 ° C ~ + 90 ° C max PC / -40 ° C ~ + 110 ° C max"
<b>Fastening</b>	Screw
<b>Box Size (mm) WxLxH</b>	
<b>Box Quantity</b>	
<b>Box Weight (g)</b>	
<b>Rohs Compliant</b>	Yes
<b>Storage Temperature</b>	0 ° C ~ 40 ° C max

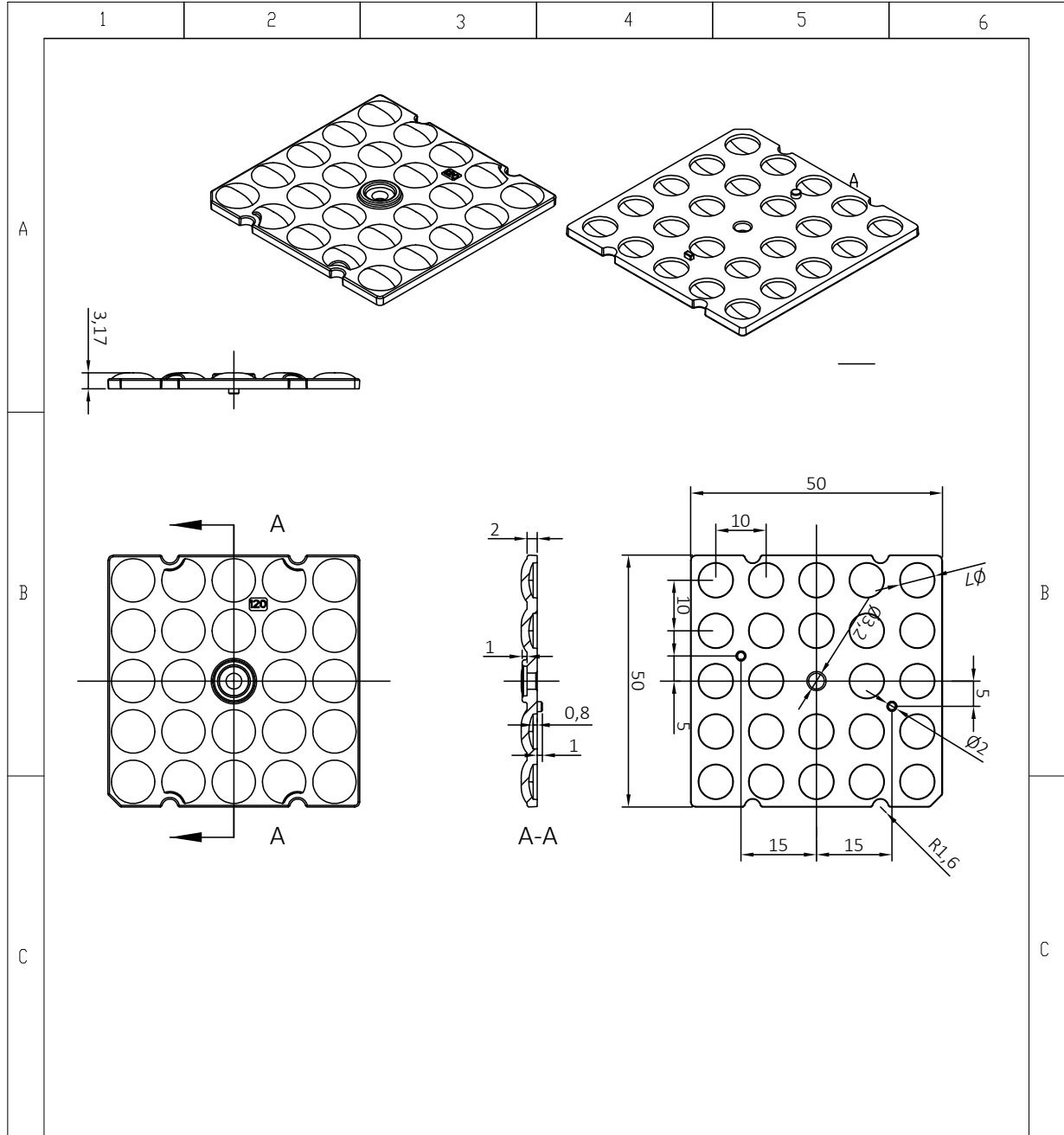
PHOTOMETRIC SPECIFICATIONS



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%.
- 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.
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- Please wear 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.





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

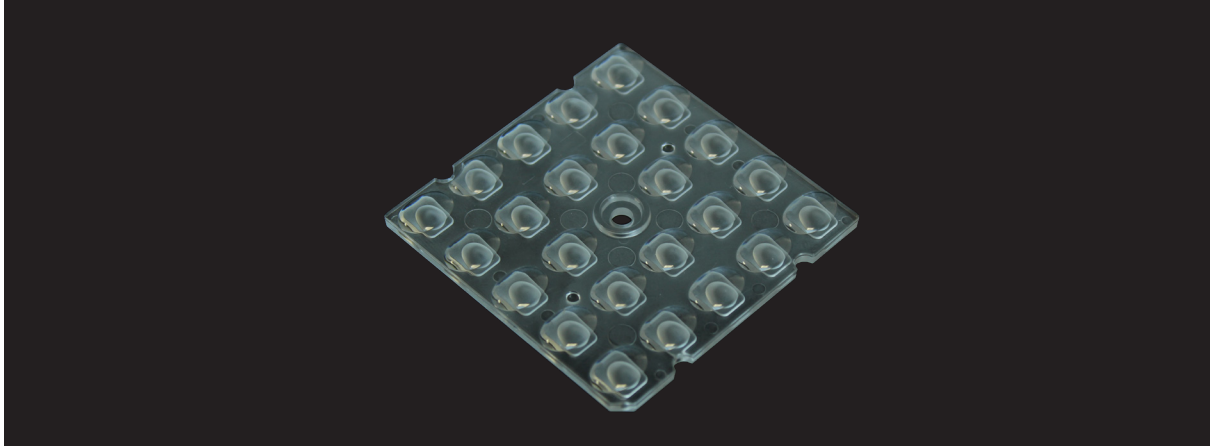
0.5 up to 3mm	over 3 up to 6mm	over 6 up to 30mm	over 30 up to 120mm	over 120 up to 400mm	over 400 up to 1000mm
± 0.1	± 0.1	± 0.2	± 0.3	± 0.5	± 0.8

Stock code No		MALZEME (MATERIAL)	AGIRLIK (WEIGHT)		
Revision	00	PMMA	XXX		
Date	XXX	TLS24NI-5050-120		OLÇEK / SCALE	A4
Sheet				1 / 1	
Drawn By	Kaan ALTINTEN	 			
Checked By	Ibrahim OKMEN				
Approved By	Mesut CINAR				

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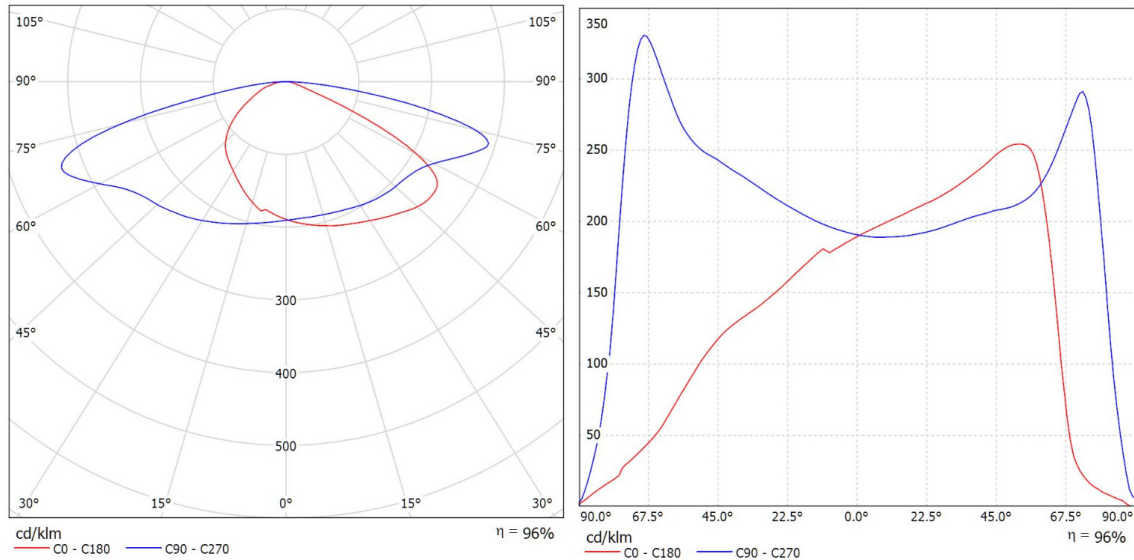
PRODUCT PICTURE



GENERAL SPECIFICATIONS

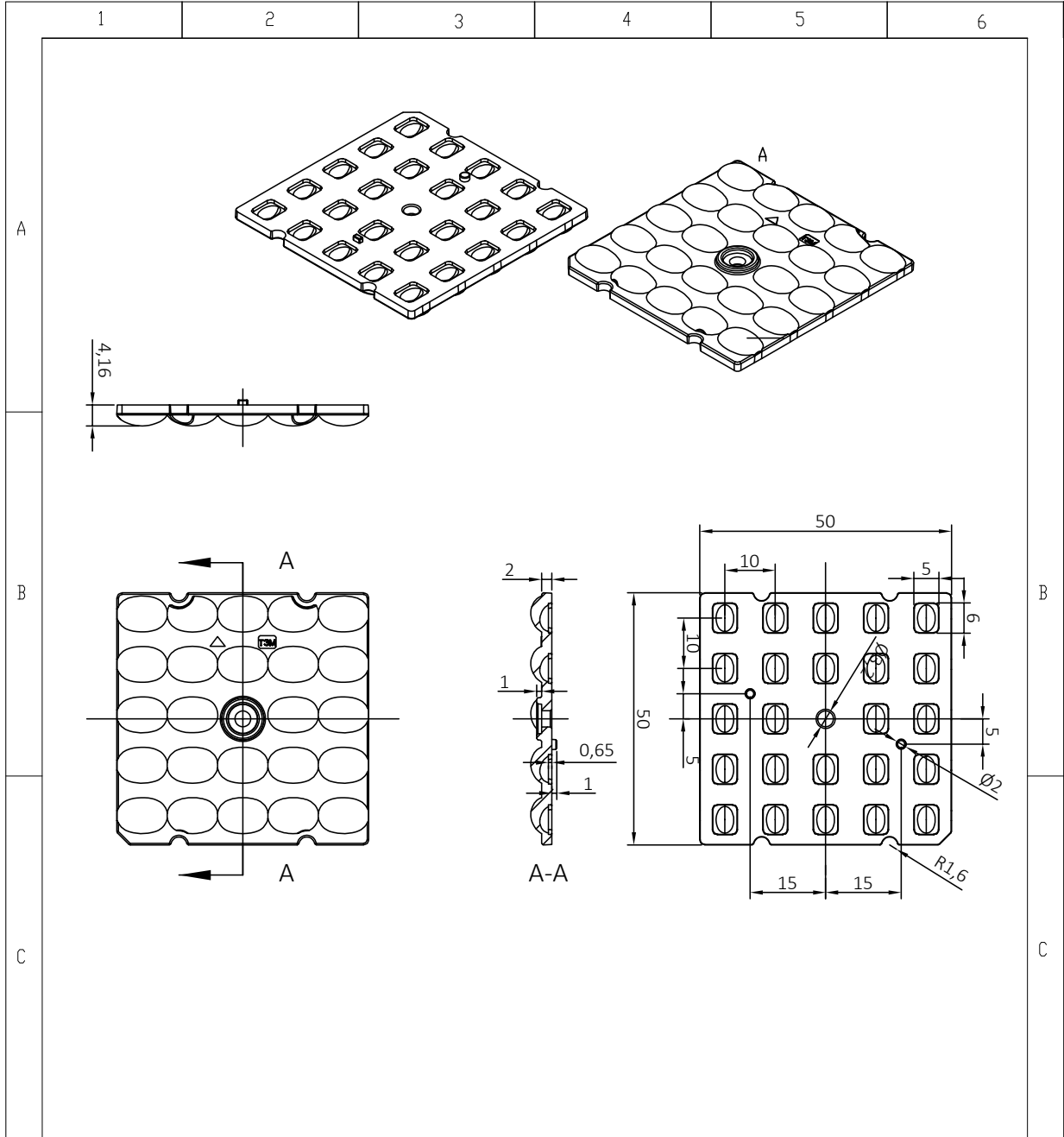
<b>Product Code</b>	TLS24NI-5050-ASYM
<b>Description</b>	Street Lighting
<b>Degree (FWHM)</b>	Asym
<b>Efficiency</b>	93%
<b>Type</b>	24in1
<b>Size (mm) W x L x H</b>	50x50x4.16
<b>Material / Operating Temp.</b>	"PMMA / -40 ° C ~ +90 ° C max PC / -40 ° C ~ +110 ° C max"
<b>Fastening</b>	Screw
<b>Box Size (mm) WxLxH</b>	
<b>Box Quantity</b>	
<b>Box Weight (g)</b>	
<b>Rohs Compliant</b>	Yes
<b>Storage Temperature</b>	0 ° C ~ 40 ° C max

PHOTOMETRIC SPECIFICATIONS





APPLICATION NOTES

- Please use a little water and soft fabric (air-laid paper) to clean the lens & reflector if necessary.
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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	PMMA	XXX		
Date	14.11.2019	TLS24NI-5050-ASYM		OLÇEK / SCALE	A4
Sheet				1/1	
Drawn By	Kaan ALTINTEN	 			
Checked By	Ibrahim OKMEN				
Approved By	Mesut CINAR				

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# TLS24NI-5050 Series

LED OPTIC DATASHEET

www.limbus.com.tr  
444 27 33

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## CONTACT

### TLS Teknoloji Sistemleri San ve Dış Tic AŞ

Akçaburgaz Mahallesi 3080. Sokak No:5 Esenyurt / İstanbul / TURKEY

info@tlsteknoloji.com  
+90 444 27 33

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TLS Teknoloji Sistemleri San ve Dış Tic AŞ  
Akçaburgaz Mahallesi 3080. Sokak No:5 Esenyurt / İstanbul / TURKEY  
info@tlsteknoloji.com  
+90 444 27 33  
www.limbus.com.tr  
444 27 33  
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