



LIMBUS

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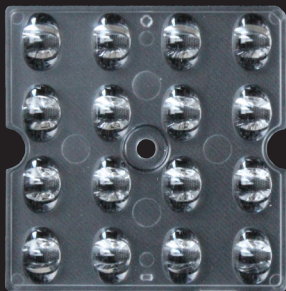


BY  *TD Lighting Solutions*



TLS16NI-5050 Series

FAMILY DATASHEET



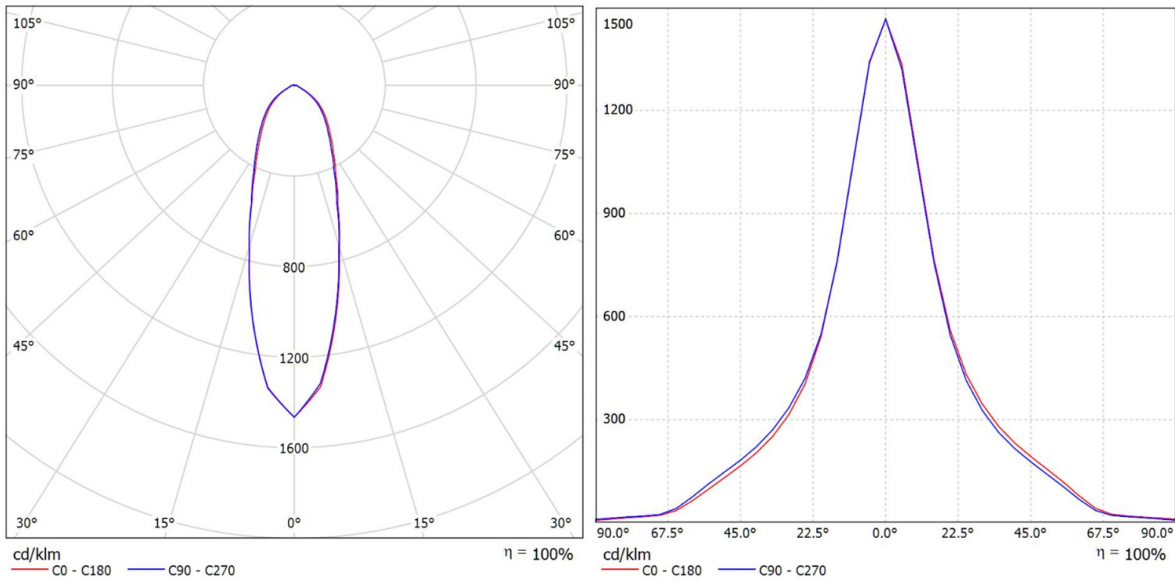
PRODUCT PICTURE



GENERAL SPECIFICATIONS

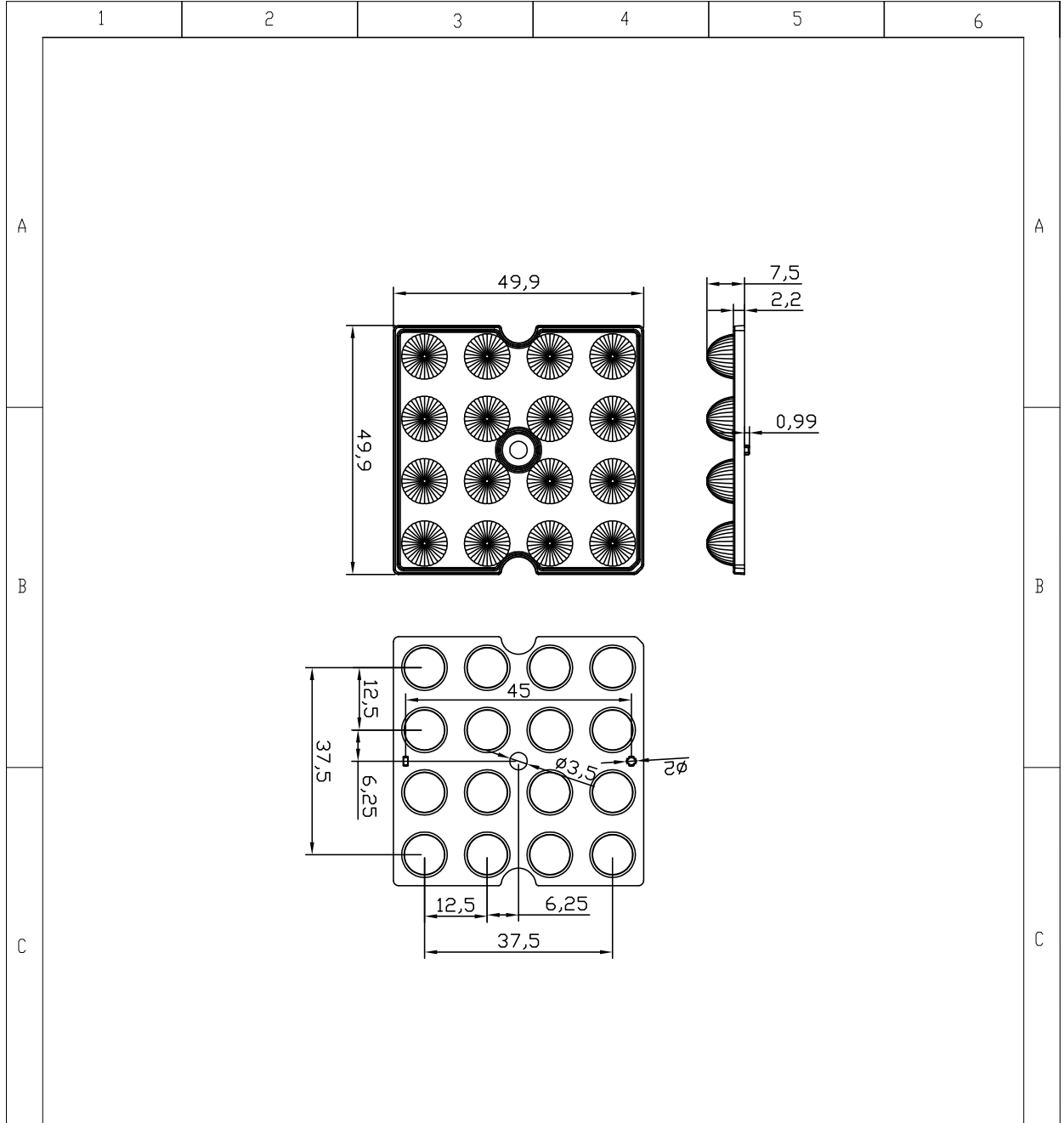
Product Code	TLS16NI-5050-30
Description	Area and Industrial Lighting
Degree (FWHM)	30°
Efficiency	92%
Type	16in1
Size (mm) W x L x H	50x50x7.5
Material / Operating Temp.	PC / -40 ° C ~ + 110 ° C max
Fastening	Screw
Box Size (mm) WxLxH	395x300x300
Box Quantity	840 pcs
Box Weight (g)	10500
Rohs Complaint	Yes
Storage Temperature	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.



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) PC	AGIRLIK (WEIGHT) XXX		
Revision	00	TLS16NI-5050-30		DLÇEK / SCALE 1 / 1	A3
Date	20.05.2019				
Sheet					
Drawn By	Ibrahim OKMEN	 			
Checked By	Ibrahim OKMEN				
Approved By	Mesut CINAR				

TLS Teknoloji Sanayi ve Dis Ticaret A.S

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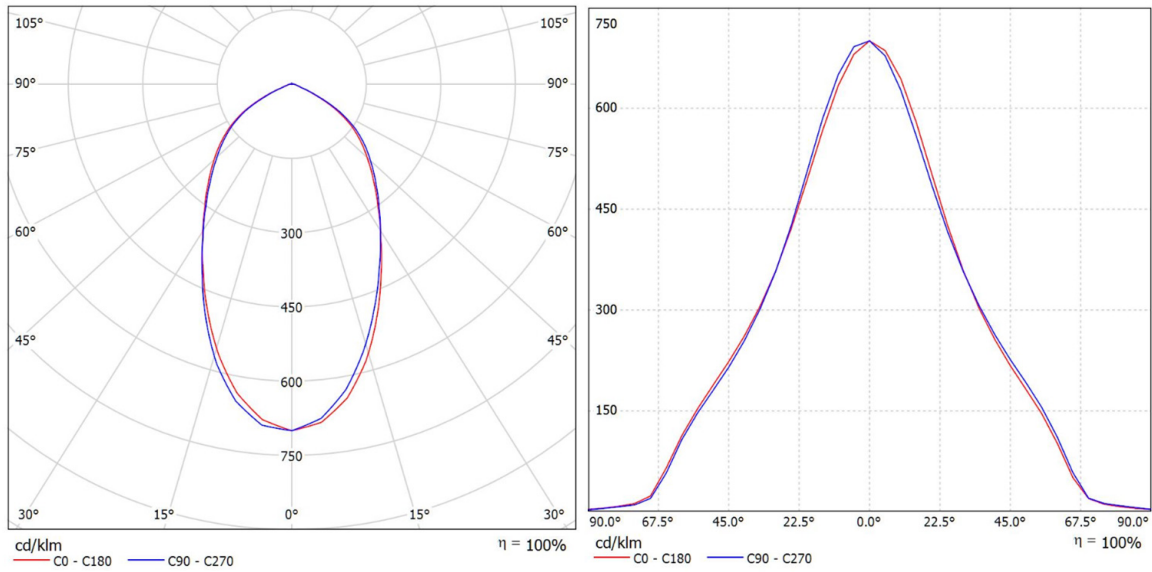
PRODUCT PICTURE



GENERAL SPECIFICATIONS

Product Code	TLS16NI-5050-60
Description	Area and Industrial Lighting
Degree (FWHM)	61°
Efficiency	95%
Type	16in1
Size (mm) W x L x H	50x50x5.3
Material / Operating Temp.	PC / -40 ° C ~ + 110 ° C max
Fastening	Screw
Box Size (mm) WxLxH	395x300x300
Box Quantity	840 pcs
Box Weight (g)	10500
Rohs Complaint	Yes
Storage Temperature	0 ° C ~ 40 ° C max

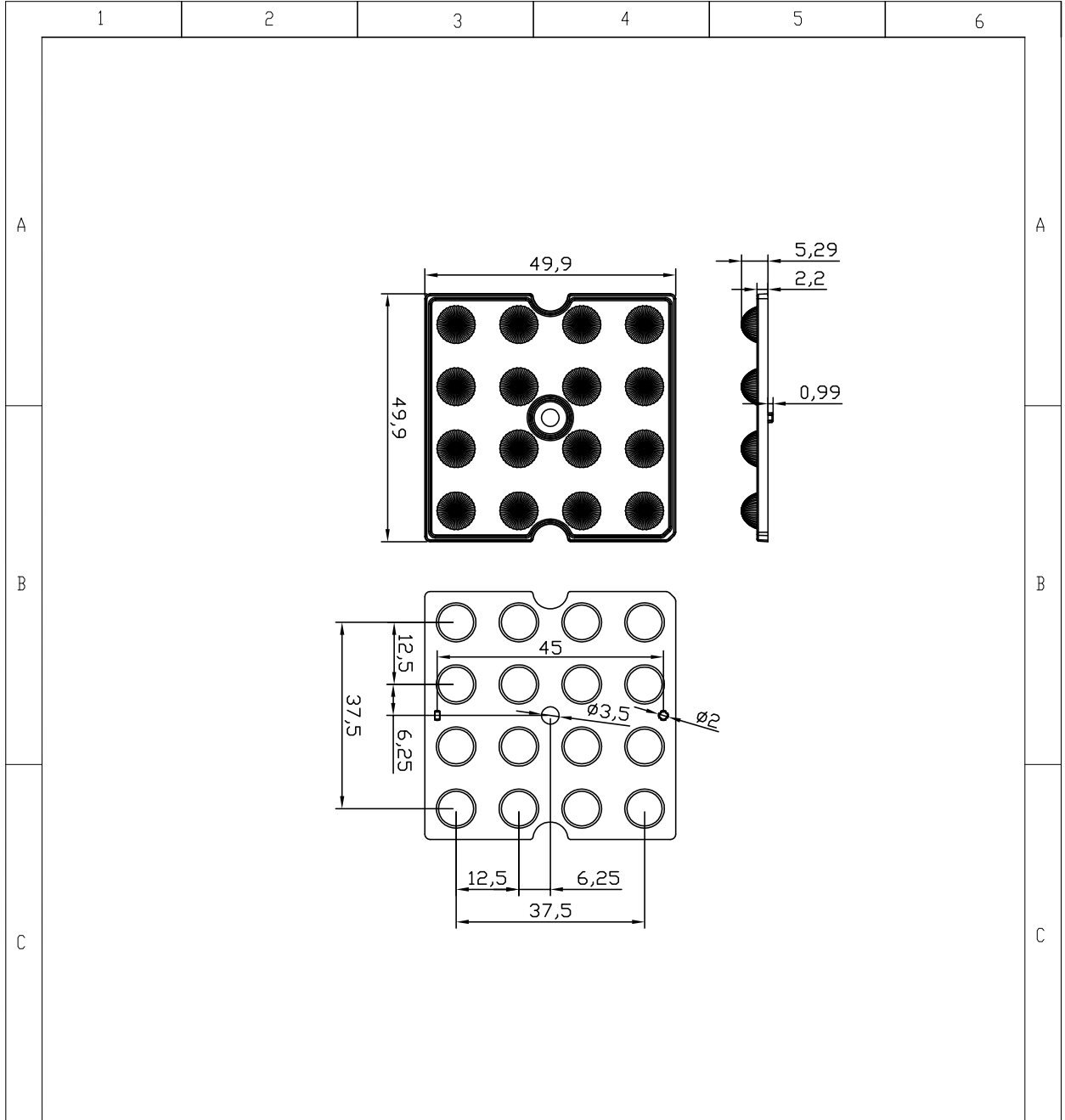
PHOTOMETRIC SPECIFICATIONS



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.
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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	PC	XXX		
Date	20.05.2019	TLS16NI-5050-60		DLÇEK / SCALE 1 / 1	A3
Sheet					
Drawn By	Ibrahim OKMEN				
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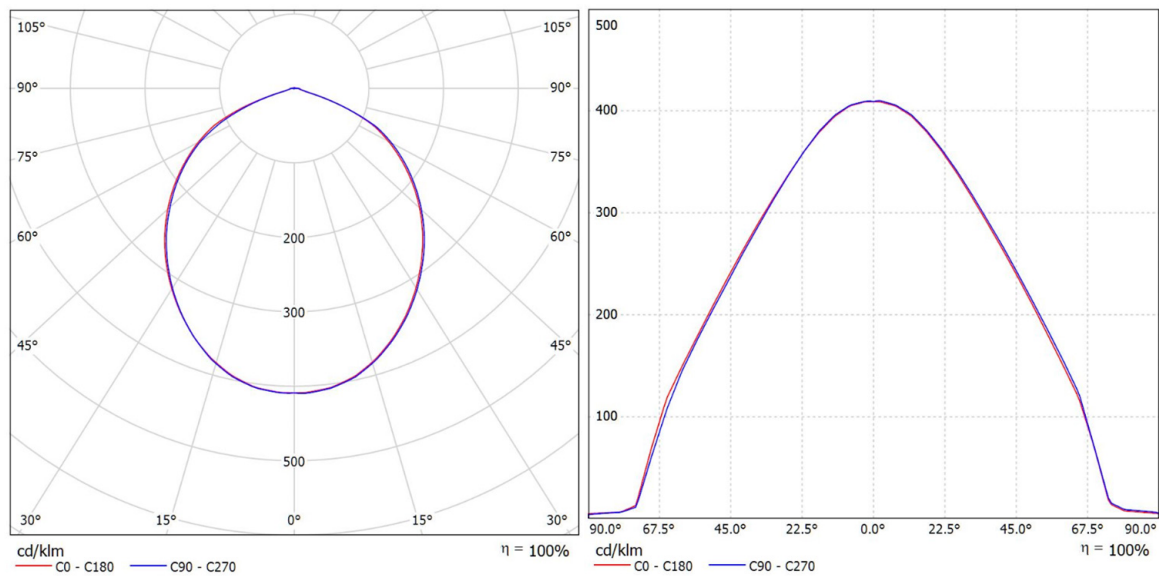
PRODUCT PICTURE



GENERAL SPECIFICATIONS

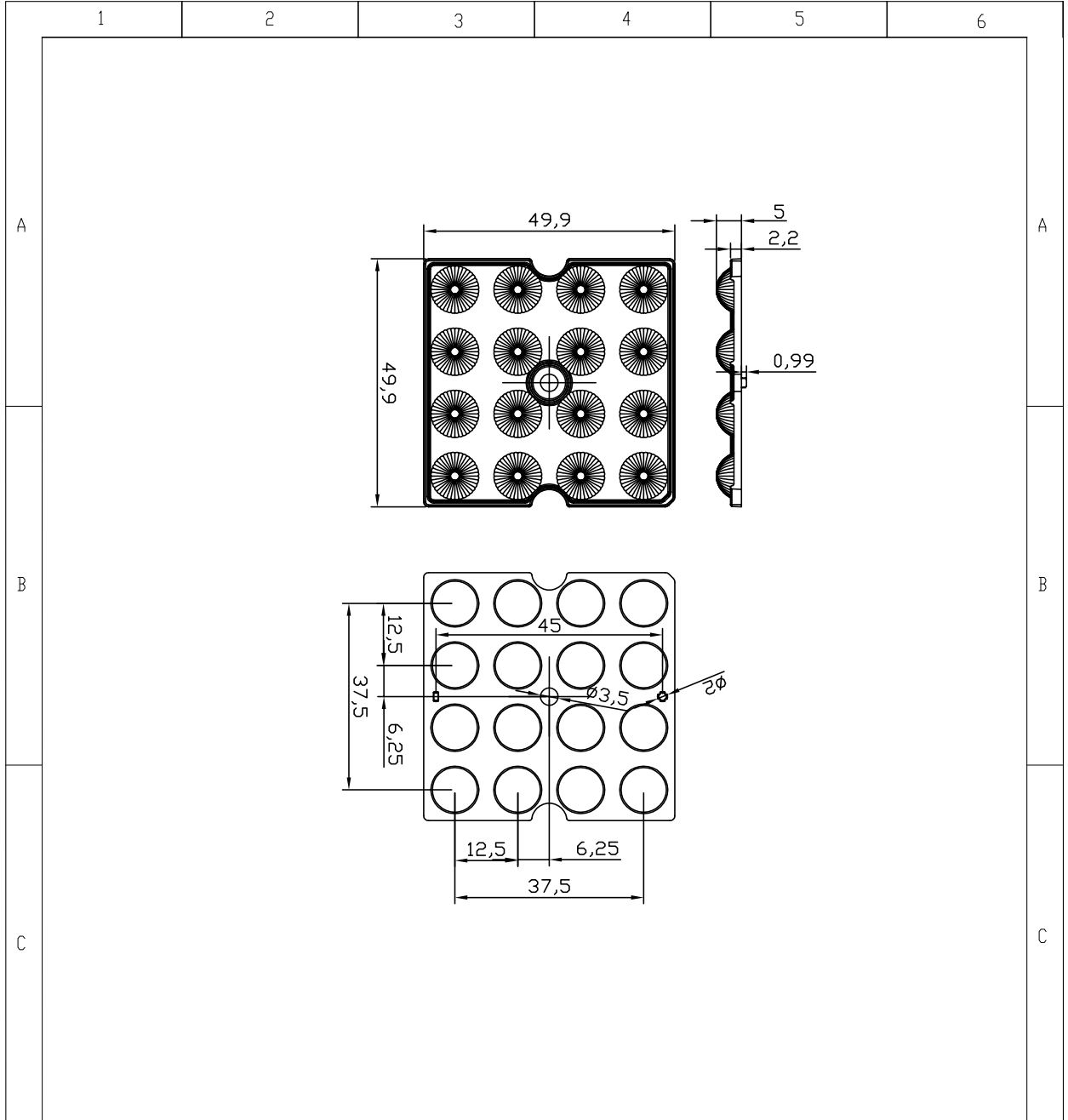
Product Code	TLS16NI-5050-90
Description	Area and Industrial Lighting
Degree (FWHM)	101°
Efficiency	95%
Type	16in1
Size (mm) W x L x H	50x50x5
Material / Operating Temp.	PC / -40 °C ~ +110 °C max
Fastening	Screw
Box Size (mm) WxLxH	395x300x300
Box Quantity	840 pcs
Box Weight (g)	10500
Rohs Compliant	Yes
Storage Temperature	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	PC	XXX		
Date	20.05.2019	TLS16NI-5050-90		DLÇEK / SCALE 1 / 1	A3
Sheet					
Drawn By	Ibrahim OKMEN				
Checked By	Ibrahim OKMEN				
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TLS16NI-5050-STL-151x81

LED OPTIC DATASHEET

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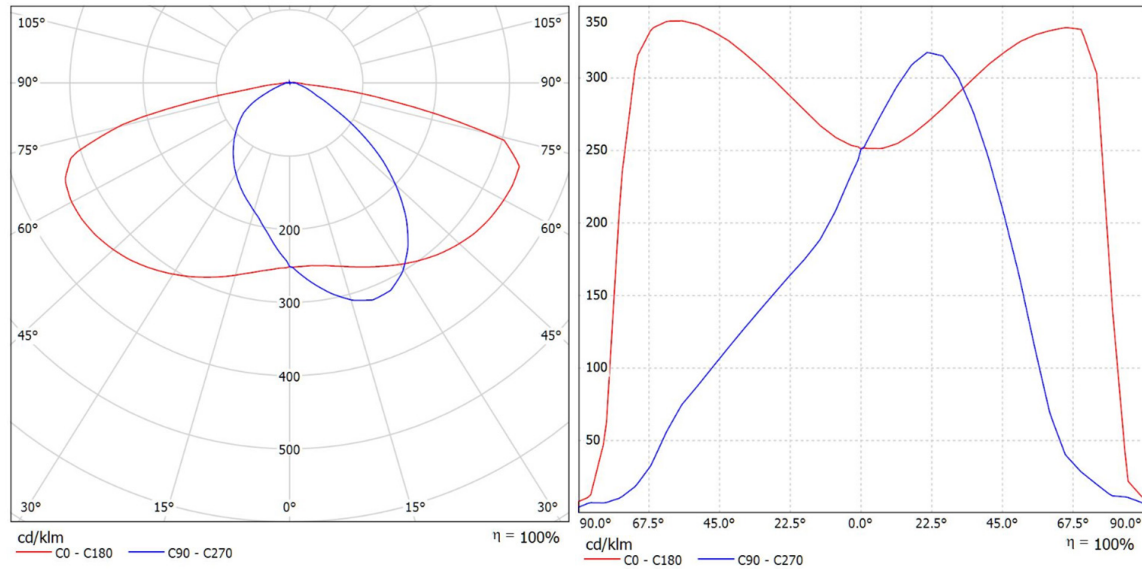
PRODUCT PICTURE



GENERAL SPECIFICATIONS

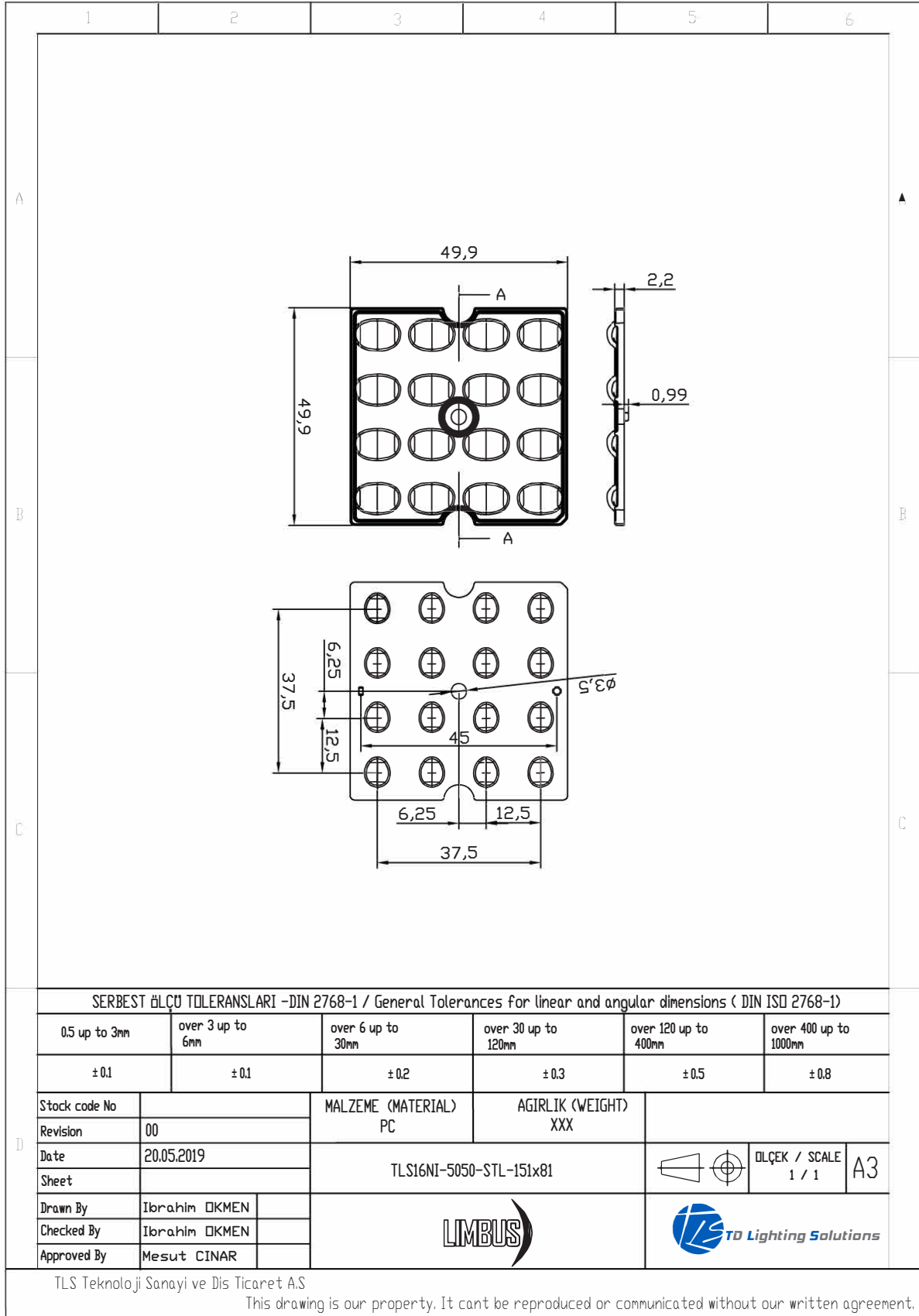
Product Code	TLS16NI-5050-STL-151x81
Description	Street Lighting
Degree (FWHM)	Asym
Efficiency	92%
Type	16in1
Size (mm) W x L x H	50x50x4.67
Material / Operating Temp.	PC / -40 °C ~ +110 °C max
Fastening	Screw
Box Size (mm) WxLxH	395x300x300
Box Quantity	840
Box Weight (g)	10500
Rohs Compliant	Yes
Storage Temperature	0 °C ~ 40 °C max

PHOTOMETRIC SPECIFICATIONS



APPLICATION NOTES

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TLS16NI-5050 Series

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