

LIMBUS

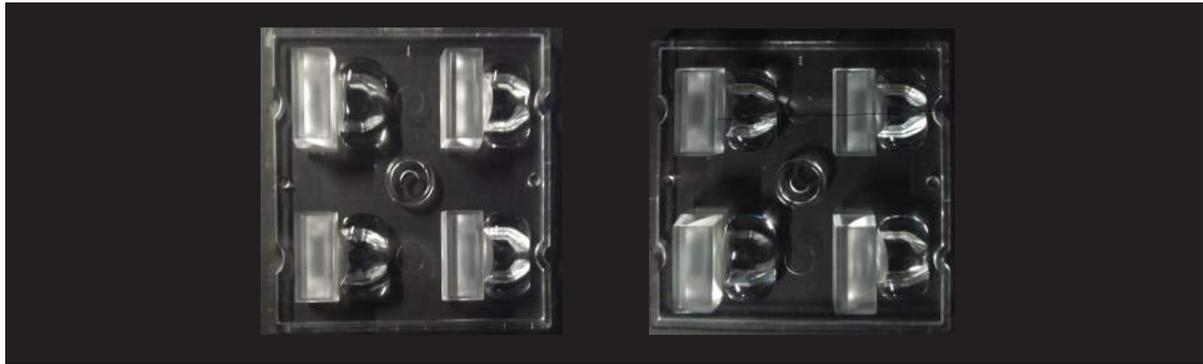
CONTROL YOUR LIGHT

BY  TD Lighting Solutions

TLS04NI 5050 Series

FAMILY DATASHEET

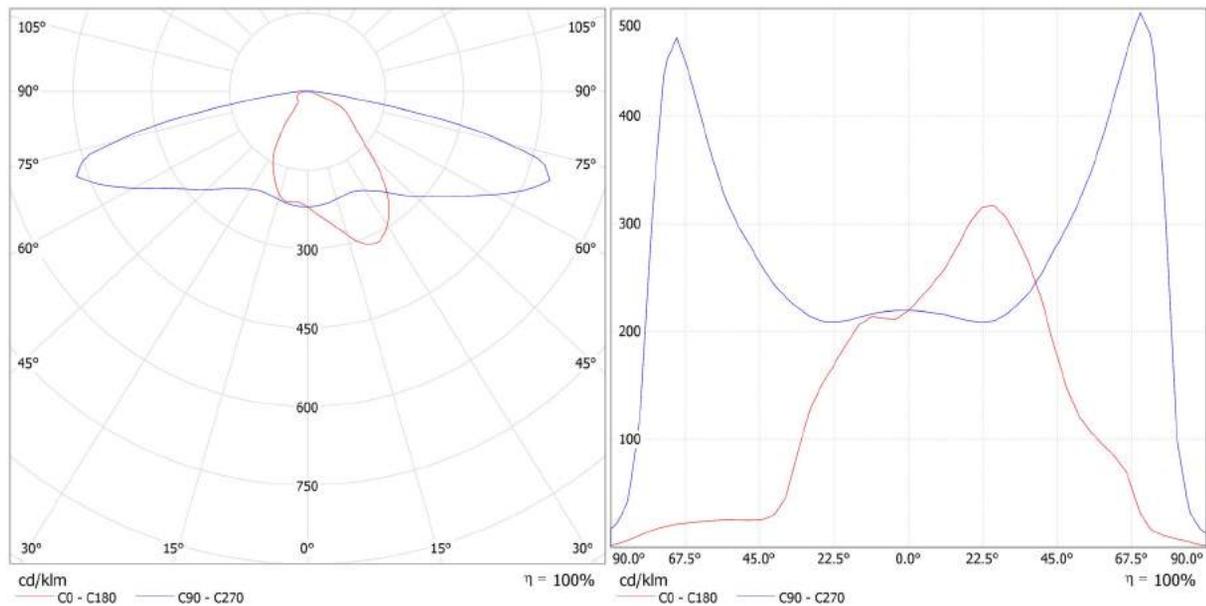
PRODUCT PICTURE



GENERAL SPECIFICATIONS

Product Code	TLS-04NI- BJE40150L06
Description	Street Lighting
Degree (FWHM)	ASYM
Efficiency	92%
Type	4 in 1
Size (mm) W x L x H	50X50X5.9
Material	PMMA
Fastening	Screw
Box Size (mm) WxLxH	249x322x117
Box Quantity	260
Box Weight (g)	2300
Rohs Compliant	Yes
Operating Temperature	-25 °C ~ + 80 °C
Storage Temperature	0 °C ~ 40 °C

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.
- The working temperature is -25°C ~ +80°C.
- 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.

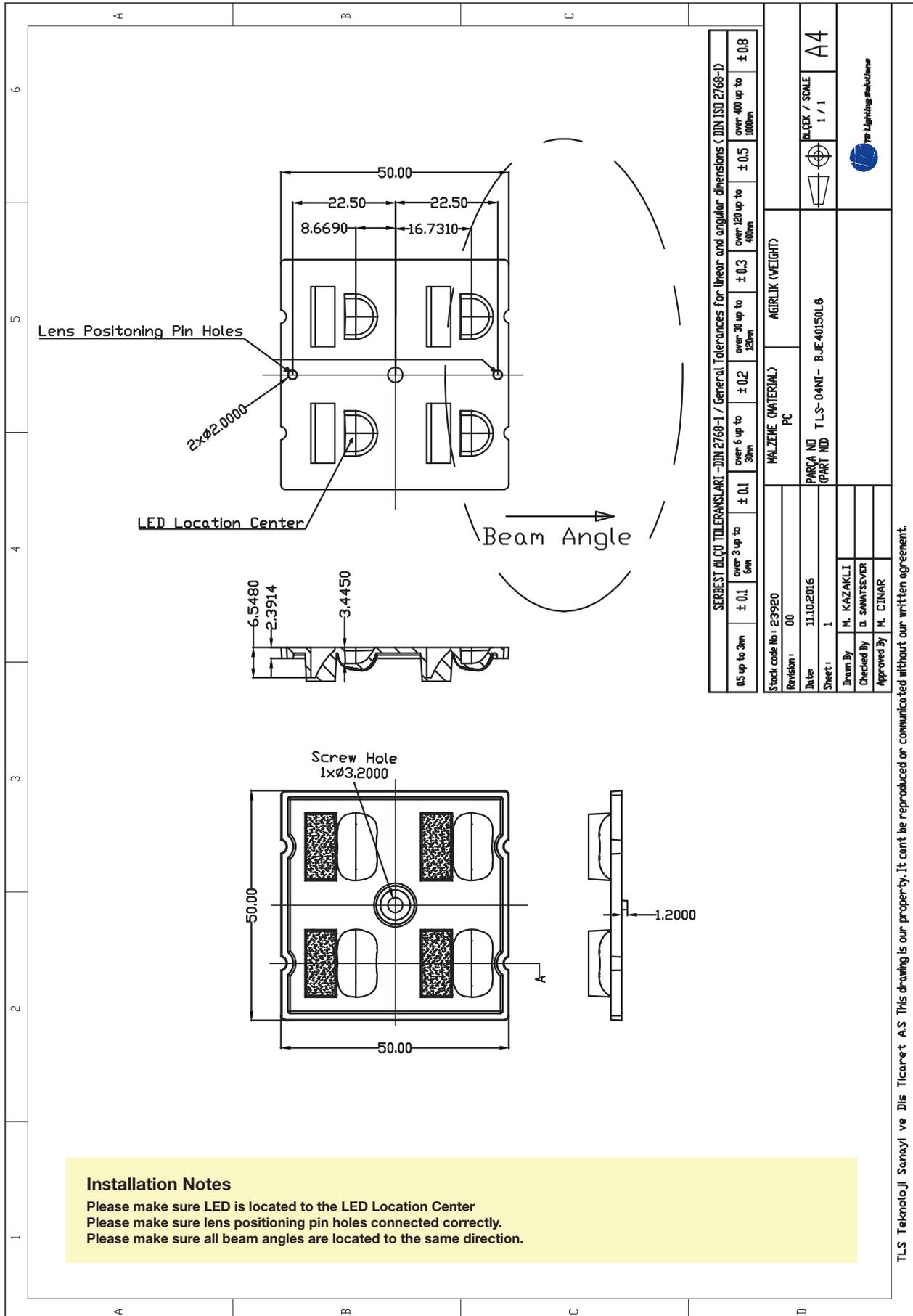
TLS04NI-BJE40150L06

LED OPTIC DATASHEET

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MECHANICAL DRAWINGS



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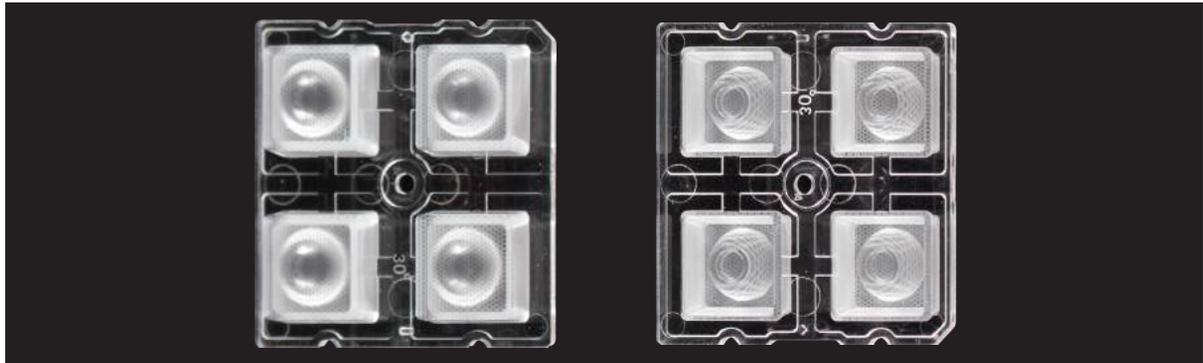
TLS04NI-5050-30

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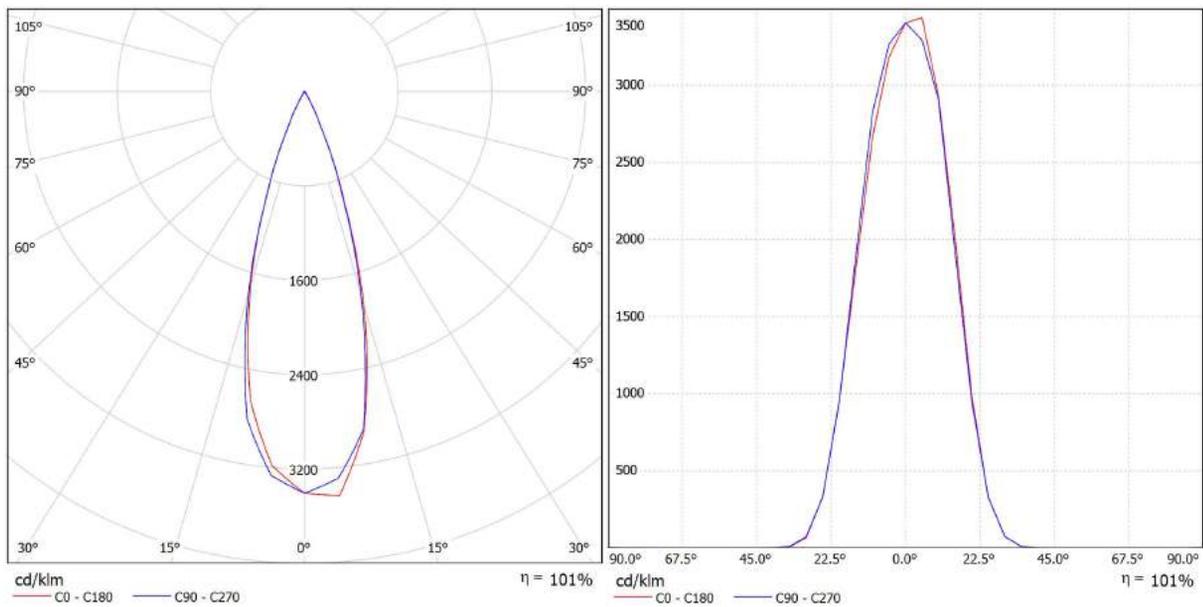
PRODUCT PICTURE



GENERAL SPECIFICATIONS

Product Code	TLS04NI-5050-30
Description	Very High Bay Lighting
Degree (FWHM)	30
Efficiency	92%
Type	4 in 1
Size (mm) W x L x H	50X50X8.6
Material	PMMA
Fastening	Screw
Box Size (mm) WxLxH	325x245x37
Box Quantity	100
Box Weight (g)	1300
Rohs Compliant	Yes
Operating Temperature	-25 ° C ~ + 80 ° C max
Storage Temperature	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.
- The working temperature is -25°C ~ +80°C.
- 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.

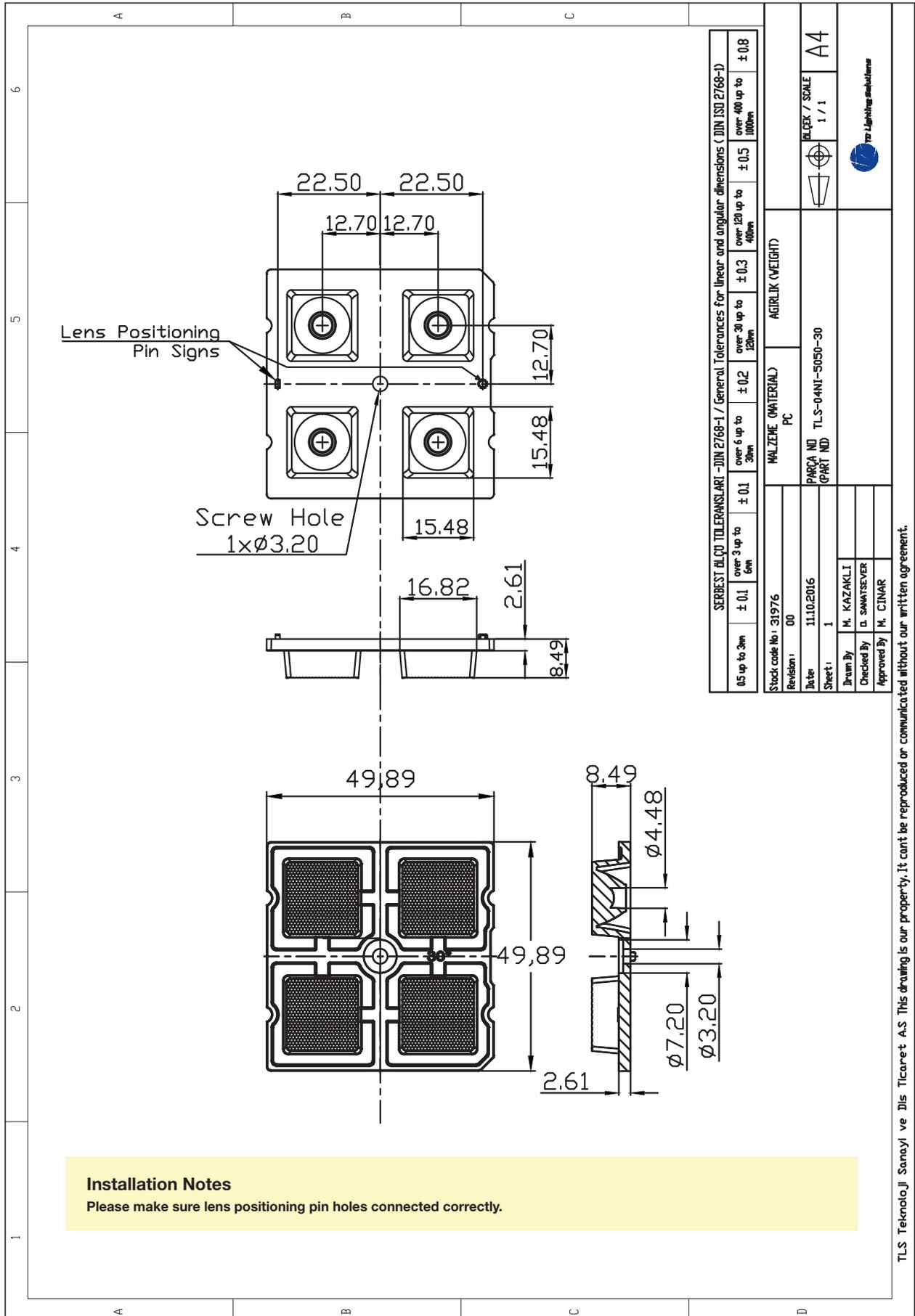
TLS04NI-5050-30

LED OPTIC DATASHEET

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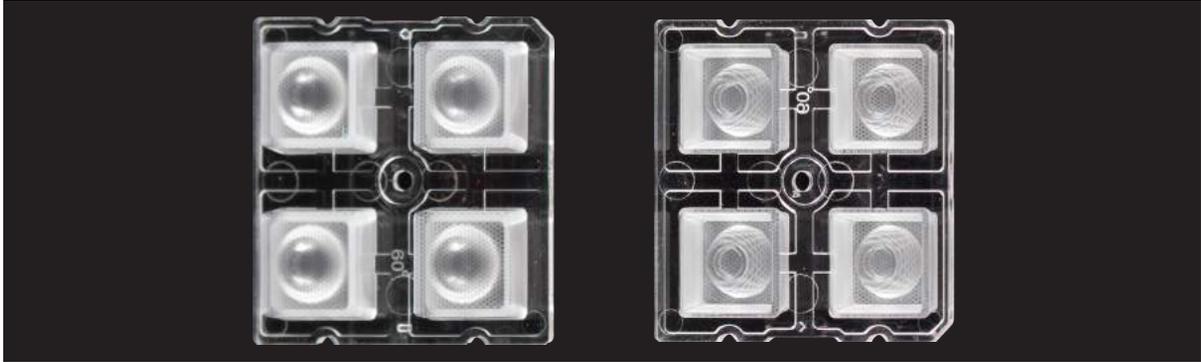
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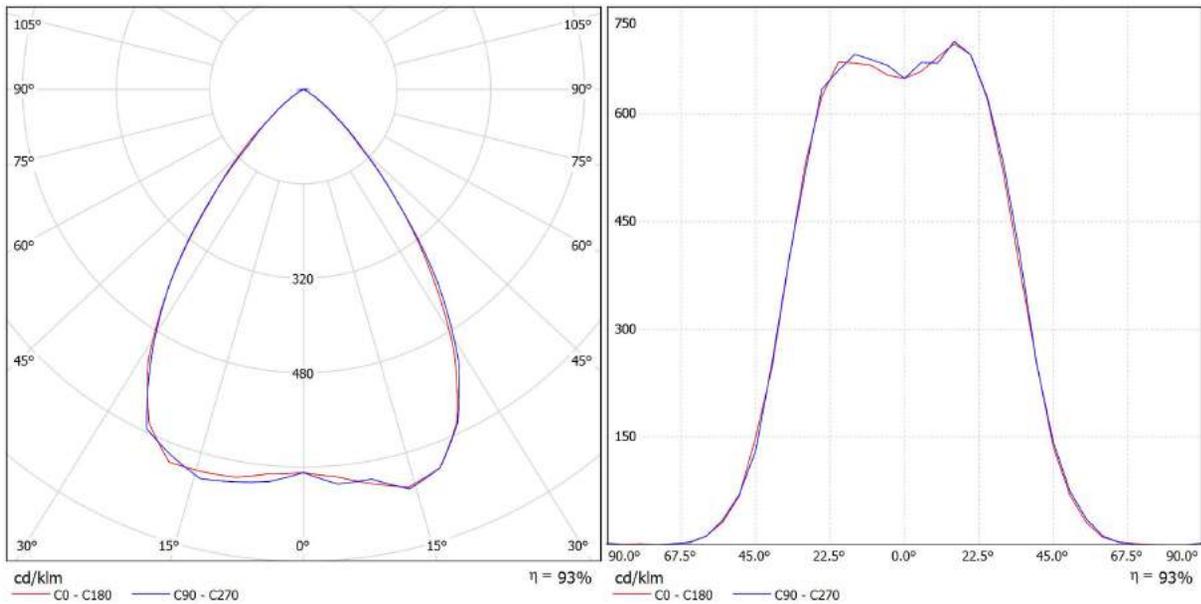
PRODUCT PICTURE



GENERAL SPECIFICATIONS

Product Code	TLS04NI-5050-60
Description	High Bay Lighting
Degree (FWHM)	57°
Efficiency	92%
Type	4 in 1
Size (mm) W x L x H	50X50X8.6
Material	PMMA
Fastening	Screw
Box Size (mm) WxLxH	385x355x75
Box Quantity	100
Box Weight (g)	1300
Rohs Complaint	Yes
Operating Temperature	-25 ° C ~ + 80 ° C max
Storage Temperature	0 ° C ~ 40 ° C max

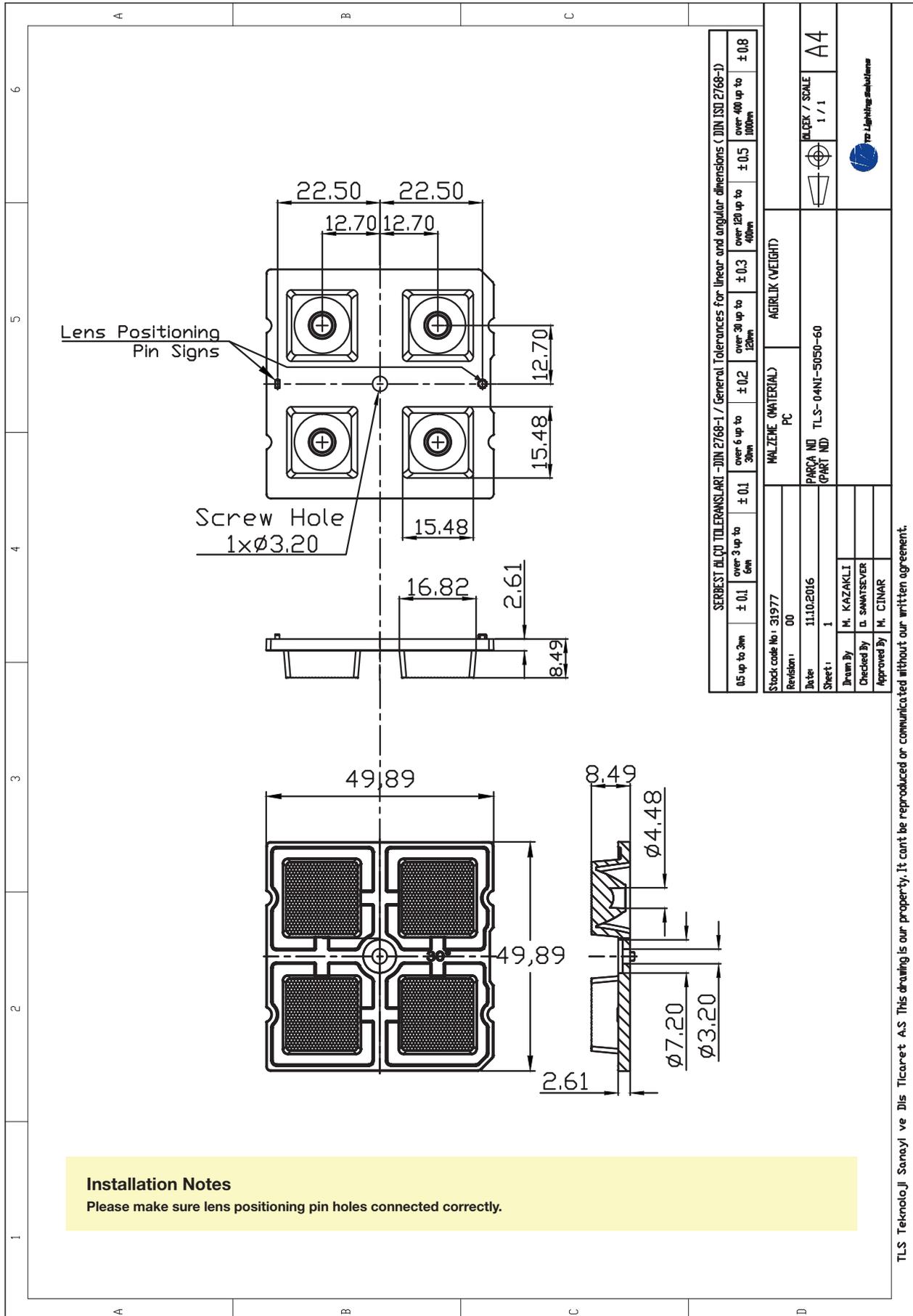
PHOTOMETRIC SPECIFICATIONS



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.
- The working temperature is -25°C ~ +80°C.
- 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.

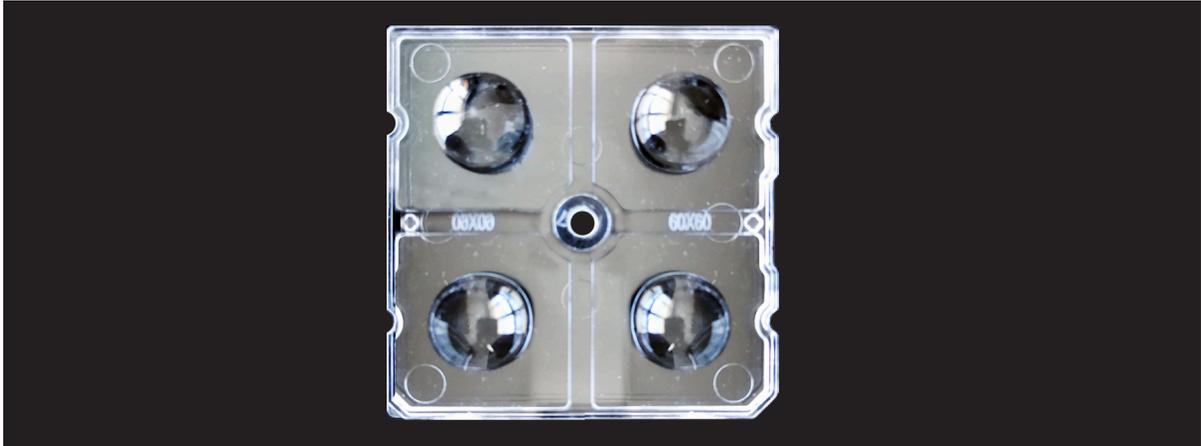
MECHANICAL DRAWINGS



Installation Notes
Please make sure lens positioning pin holes connected correctly.

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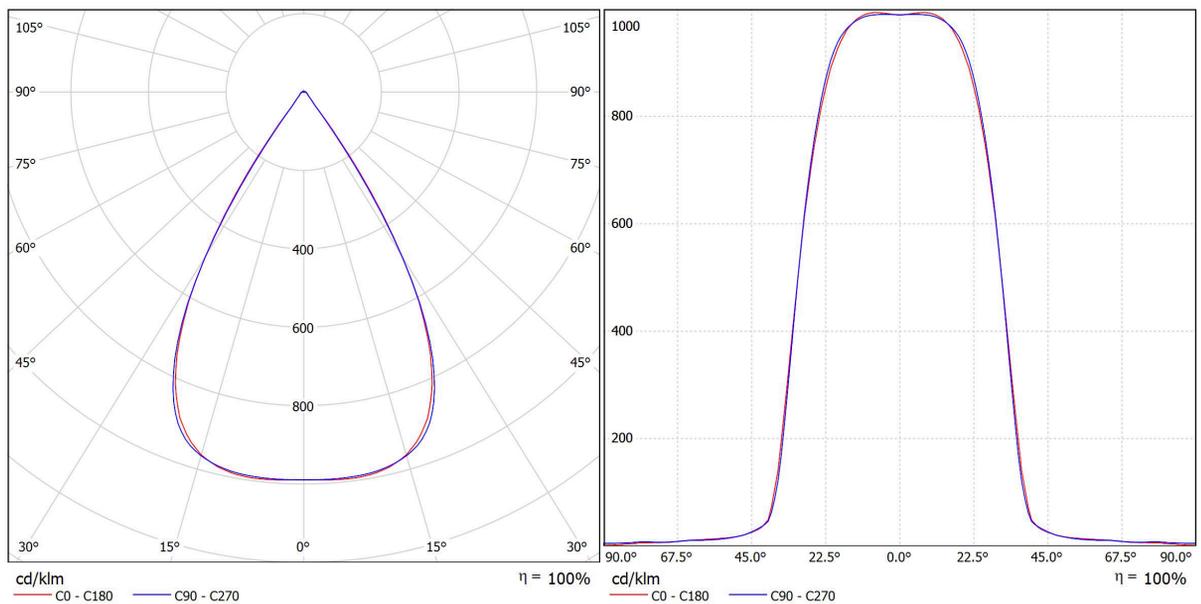
PRODUCT PICTURE



GENERAL SPECIFICATIONS

Product Code	TLS04NI-5050-60X60
Description	High Bay Lighting
Degree (FWHM)	64
Efficiency	89%
Type	Multi Lens
Size (mm) W x L x H	50X50X9,3
Material	PMMA
Fastening	Screw
Box Size (mm) WxLxH	320x245x115
Box Quantity	240
Box Weight (g)	400
Rohs Complaint	Yes
Operating Temperature	-40 ° C ~ + 80 ° C max
Storage Temperature	0 ° C ~ 40 ° C max
Compatible LED MODULE	X-ML51222LMxx-5050-16

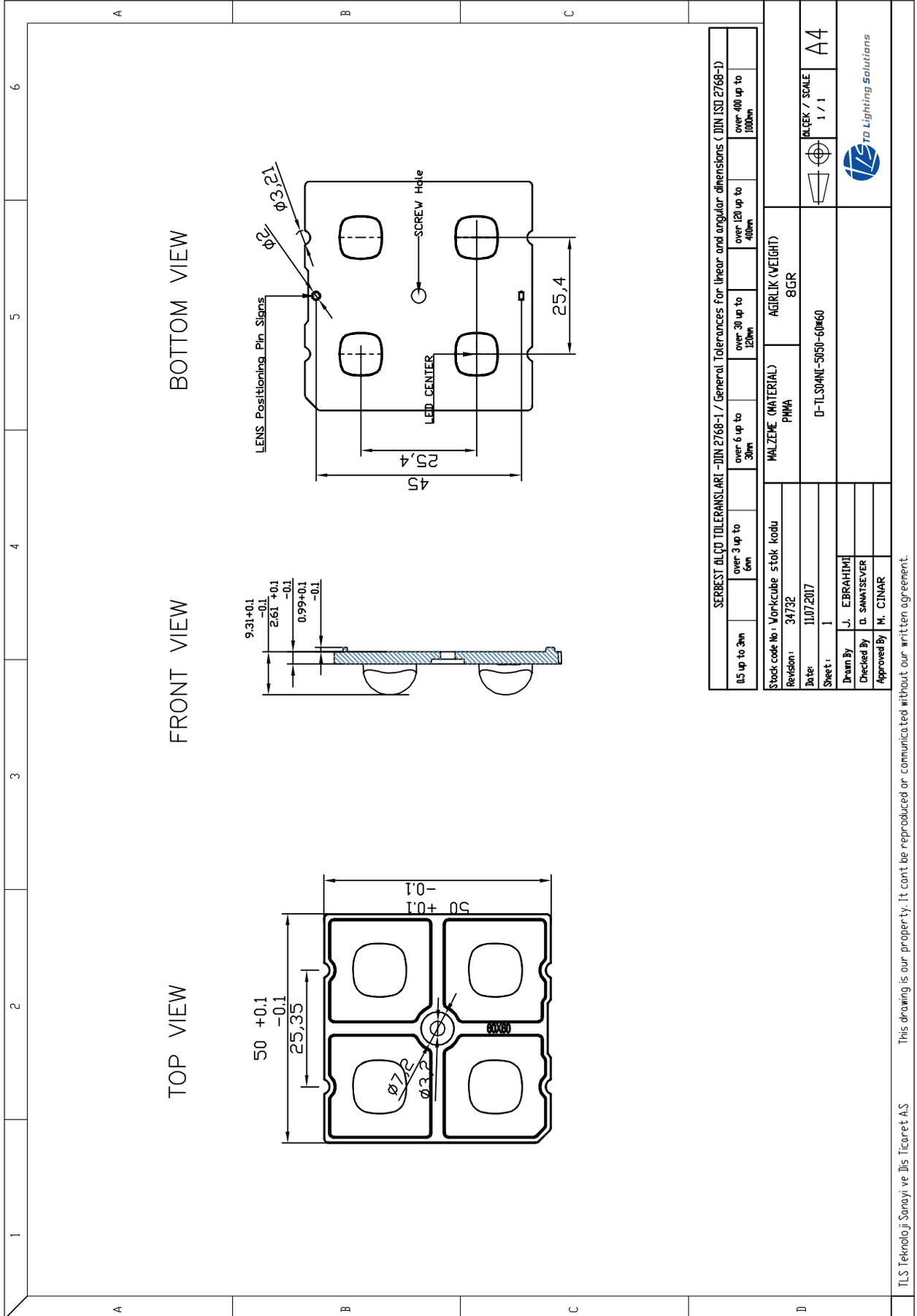
PHOTOMETRIC SPECIFICATIONS



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.
- The working temperature is -25°C~+80°C.
- 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.

MECHANICAL DRAWINGS



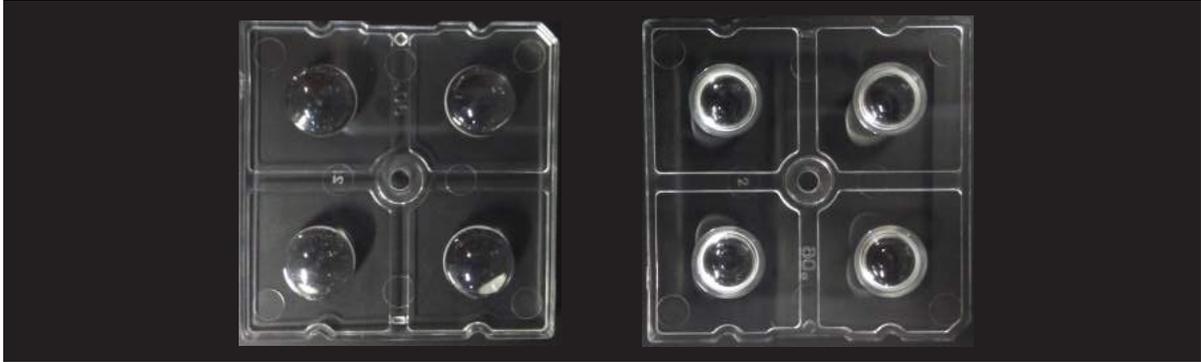
TLS04NI-5050-90

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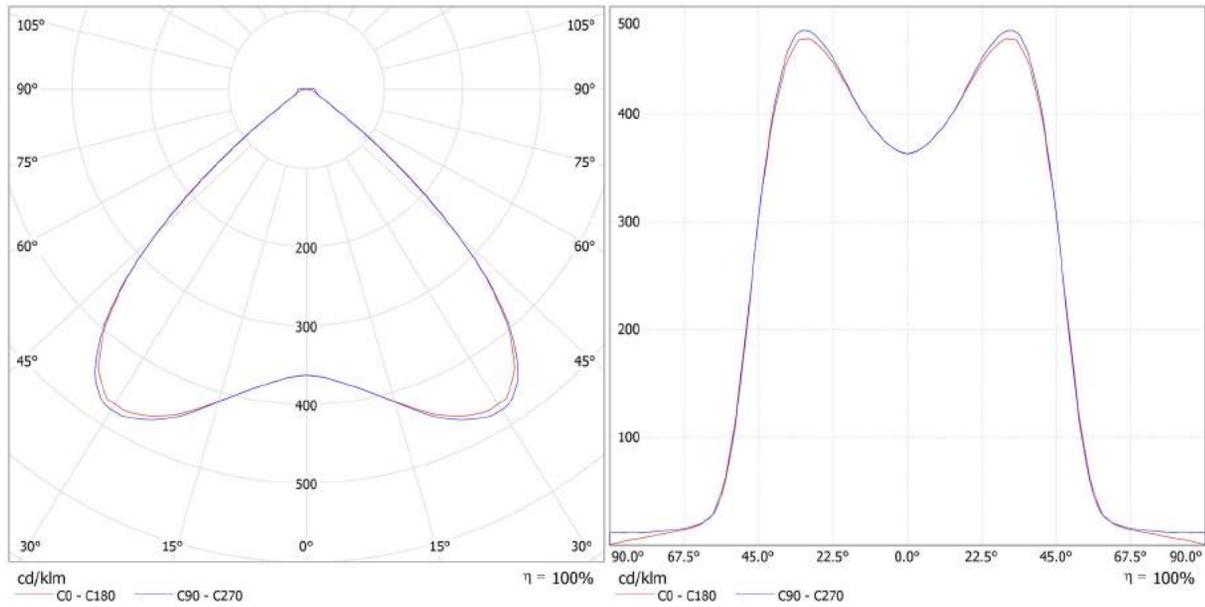
PRODUCT PICTURE



GENERAL SPECIFICATIONS

Product Code	TLS04NI-5050-90
Description	Gas Station Lighting
Degree (FWHM)	95 °
Efficiency	92 %
Type	4 in 1
Size (mm) W x L x H	50X50X7.3
Material	PMMA
Fastening	Screw
Box Size (mm) WxLxH	385x355x75
Box Quantity	100
Box Weight (g)	1300
Rohs Compliant	Yes
Operating Temperature	-25 ° C ~ + 80 ° C max
Storage Temperature	0 ° C ~ 40 ° C max

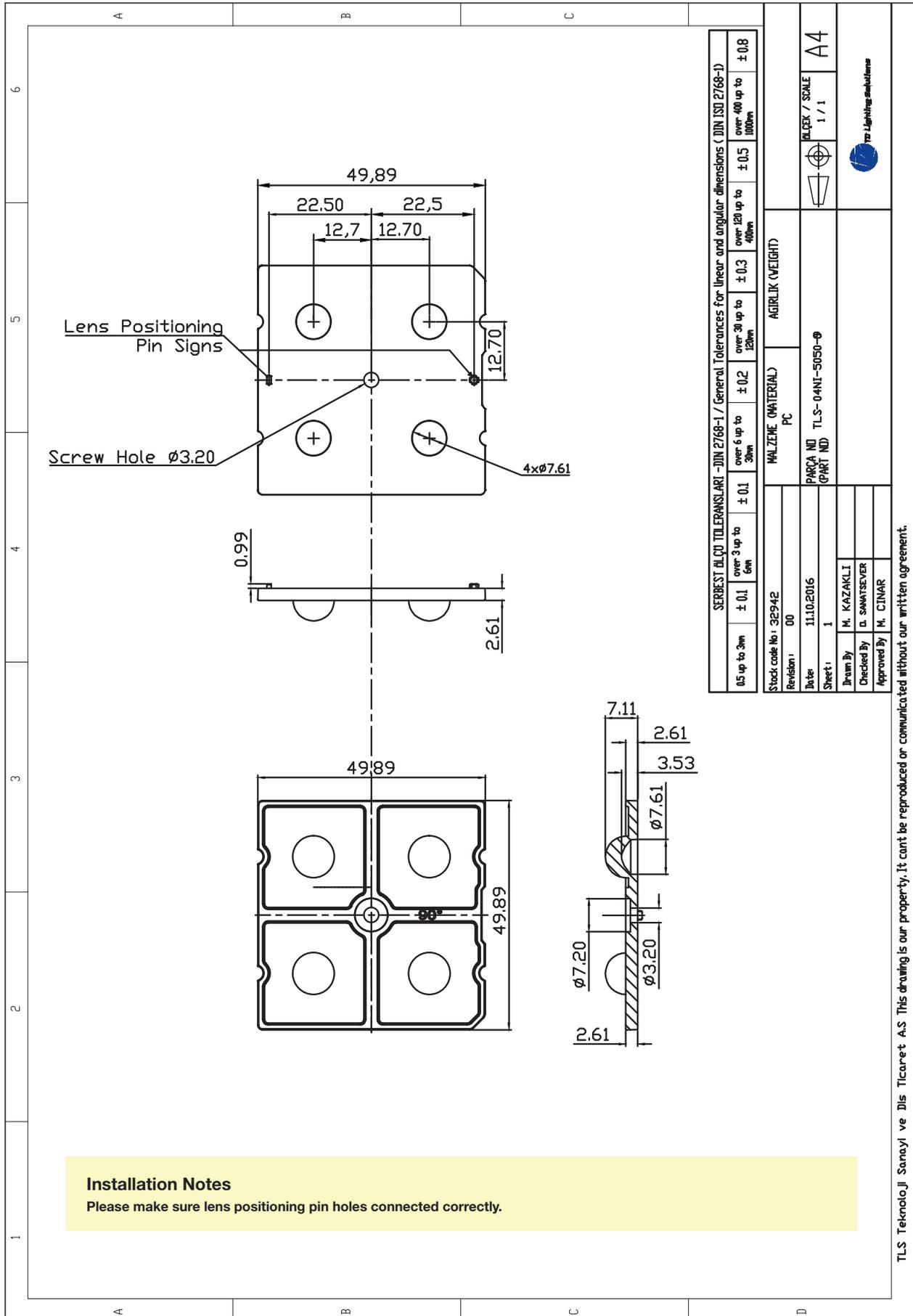
PHOTOMETRIC SPECIFICATIONS



APPLICATION NOTES

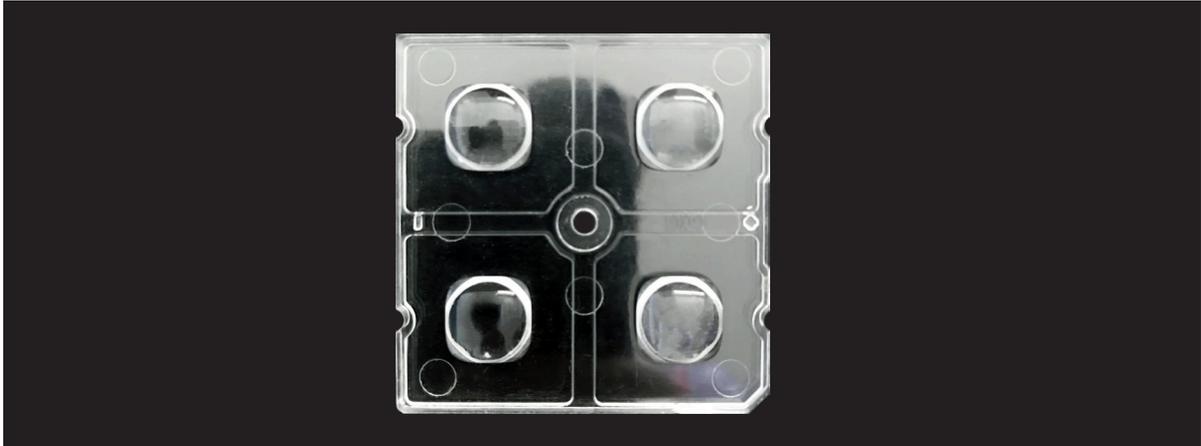
- Please use a litter water and soft fabric (air-laid paper) to clean the lens & reflector if necessary.
- Forbid to use industrial solvent to clean the lens, such as alcohol.
- The working temperature is -25°C ~ +80°C.
- Storage environment temperature is 0°C ~ 40°C, humidity is 30% ~ 95%. Optic Lens 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.

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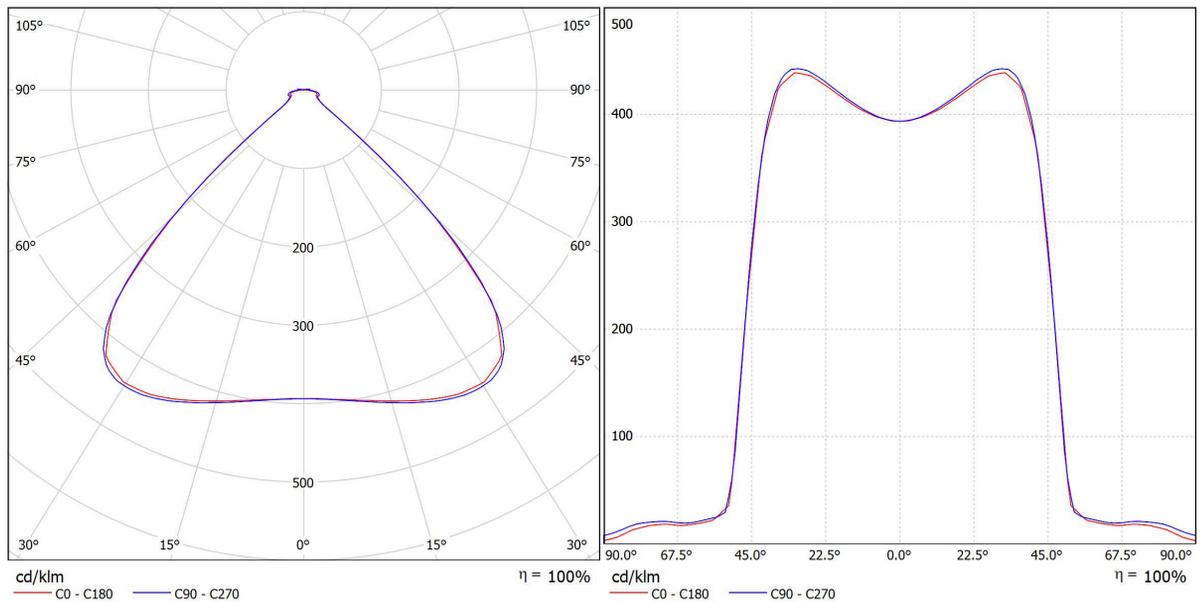
PRODUCT PICTURE



GENERAL SPECIFICATIONS

Product Code	TLS04NI-5050-90X90
Description	High Bay Lighting
Degree (FWHM)	96
Efficiency	97%
Type	Multi Lens
Size (mm) W x L x H	50X50X8.6
Material	PMMA
Fastening	Screw
Box Size (mm) WxLxH	320x245x115
Box Quantity	240
Box Weight (g)	400
Rohs Complaint	Yes
Operating Temperature	-25 ° C ~ + 80 ° C max
Storage Temperature	0 ° C ~ 40 ° C max
Compatible LED MODULE	X-ML51222LMLxx-5050-16

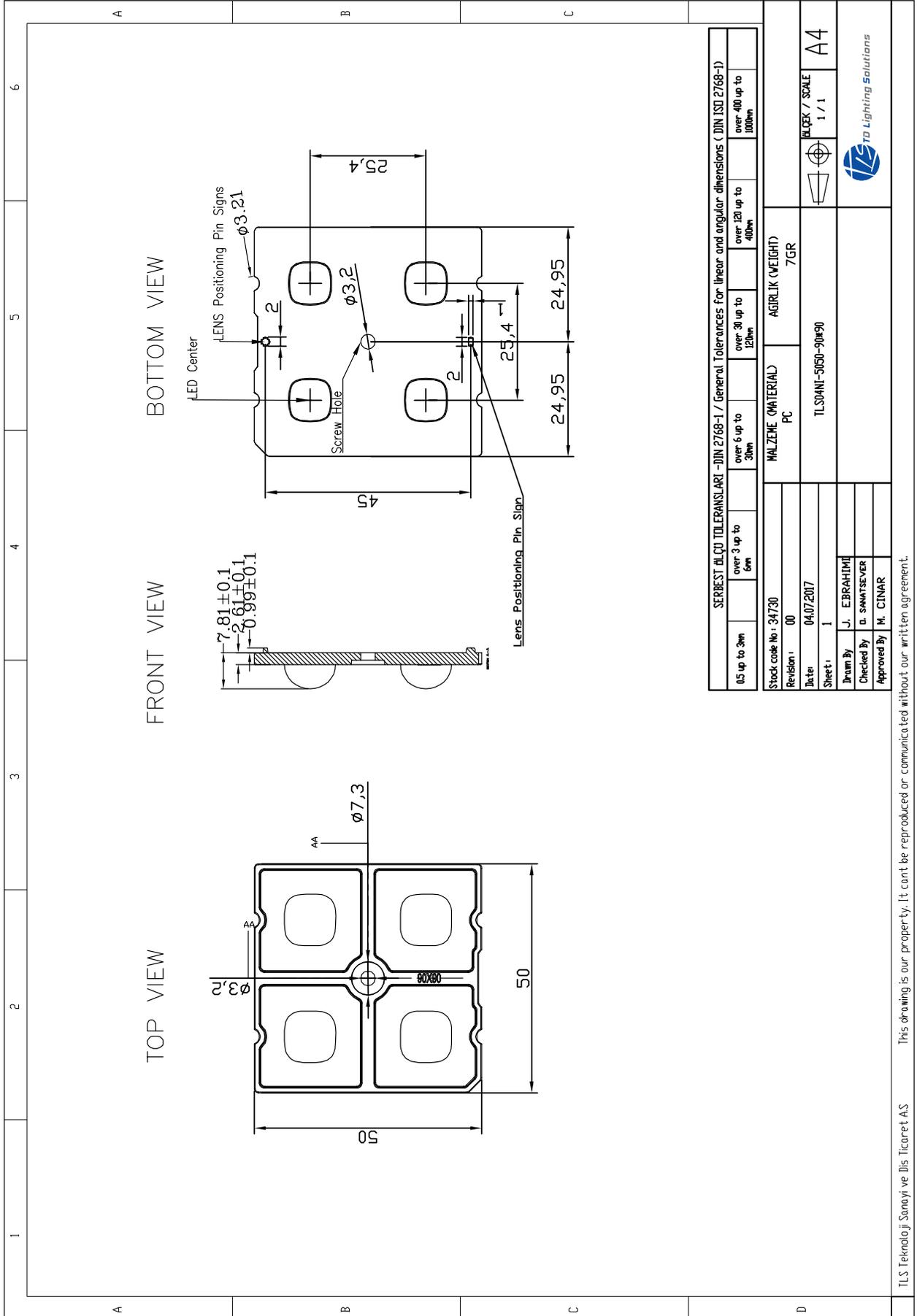
PHOTOMETRIC SPECIFICATIONS



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.
- The working temperature is -25°C~+80°C.
- 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.

MECHANICAL DRAWINGS



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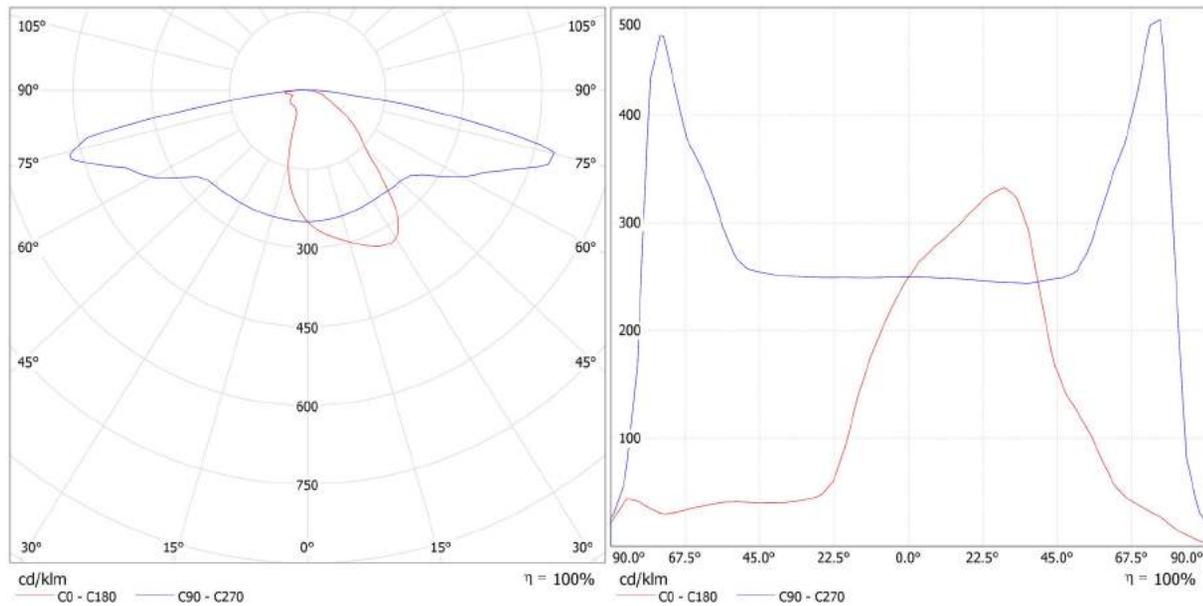
PRODUCT PICTURE



GENERAL SPECIFICATIONS

Product Code	TLS04NI-DK4W
Description	Street Lighting
Degree (FWHM)	ASYM
Efficiency	90%
Type	4 in 1
Size (mm) W x L x H	50X50X5.9
Material	PC
Fastening	Screw
Box Size (mm) WxLxH	249x322x117
Box Quantity	260
Box Weight (g)	2300
Rohs Compliant	Yes
Operating Temperature	-25 °C ~ + 110 °C
Storage Temperature	0 °C ~ 40 °C

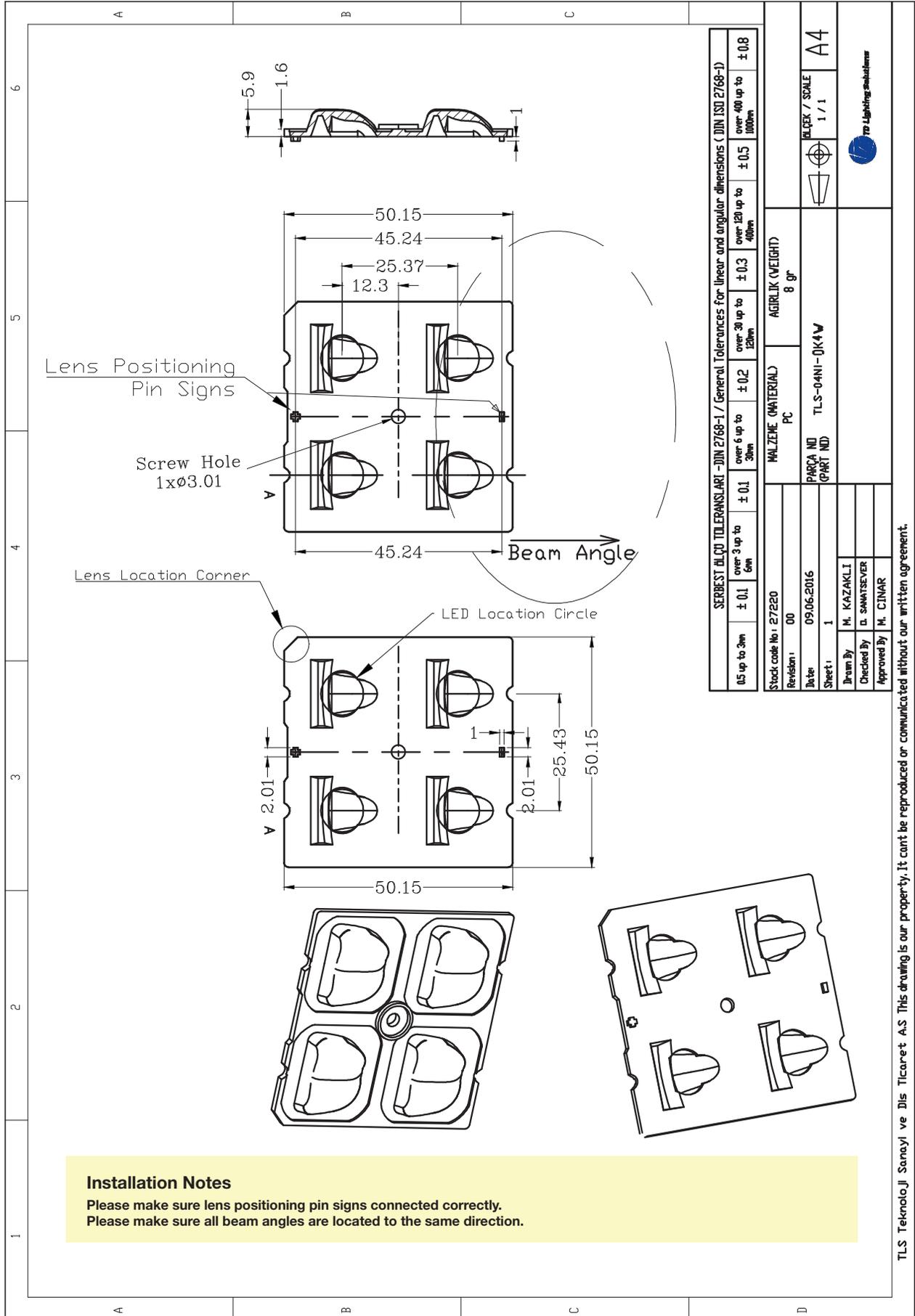
PHOTOMETRIC SPECIFICATIONS



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.
- The working temperature is -25°C ~ +125°C.
- 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.

MECHANICAL DRAWINGS



Installation Notes
Please make sure lens positioning pin signs connected correctly.
Please make sure all beam angles are located to the same direction.

SERBEST ALÇU TOLERANSLARI - DIN 2768-1 / General Tolerances for linear and angular dimensions (DIN ISO 2768-1)			
0.5 up to 3mm	± 0.1	over 3 up to 6mm	± 0.1
over 6 up to 30mm	± 0.2	over 30 up to 120mm	± 0.3
over 120 up to 400mm	± 0.5	over 400 up to 1000mm	± 0.8
Stock code No. : 27220	MALZEME (MATERIAL)		AGIRLIK (WEIGHT)
Revision : 00	PC		8 gr
Date : 09.06.2016	PARÇA NO		
Sheet : 1	(PART NO)		TLS-04NI-DK4W
Drawn By : M. KAZAKLI	Checked By : G. SEMATSEVER		
Approved By : M. CINAR			
		A4	
		1 / 1	
		TD Lighting solutions	

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