



TD Lighting Solutions

BY

TLS04NI 9090 Series

FAMILY DATASHEET

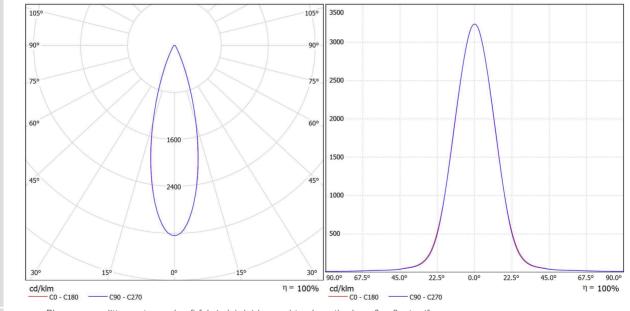


TLS04NI-9090-30 LED OPTIC DATASHEET

PRODUCT PICTURE

Product Code	TLS04NI-9090-30
Description	Street lighting
Degree (FWHM)	28
Efficiency	92%
Туре	Multi Lens

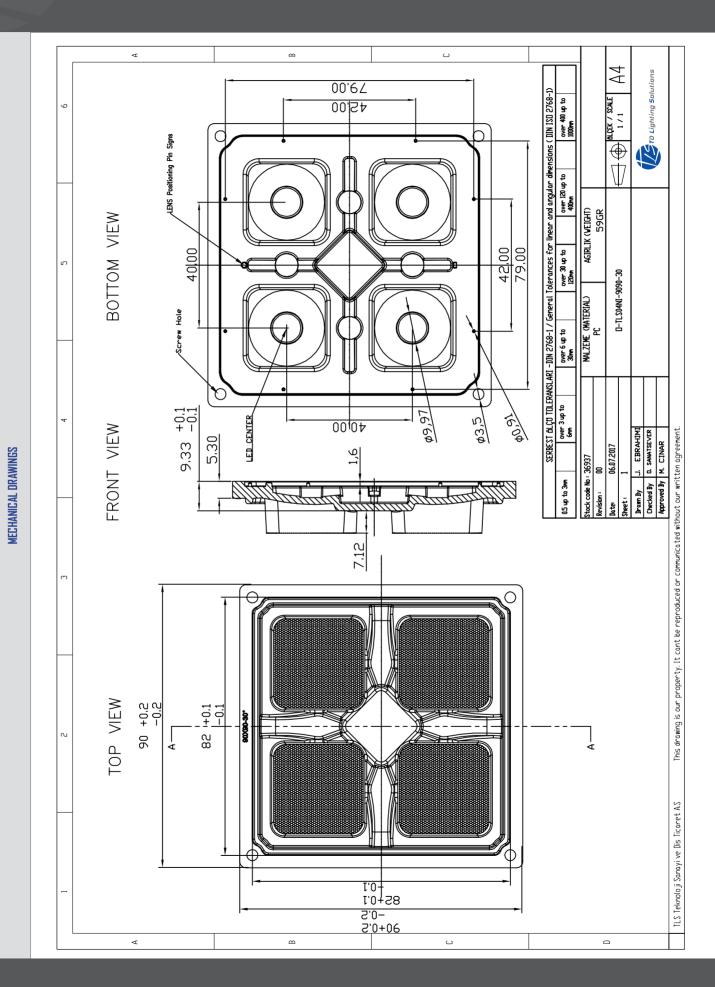
Product Code	TLS04NI-9090-30
Description	Street lighting
Degree (FWHM)	28
Efficiency	92%
Туре	Multi Lens
Size (mm) W x L x H	90X90X9
Material	PC
Fastening	Screw
Box Size (mm) WxLxH	320x245x115
Box Weight (g)	400
Rohs Complaint	Yes
Operating Temerature	-35 ° C ~ + 120 ° C max
Storage Temperature	0 ° C ~ 40 ° C max
Compatible LED MODULE	X-MS9090NCxx-NV4L144ART-4



- Forbid to use industrial solvent to clean the lens, such as alcohol.
- The working temperature is $-25^{\circ}C^{*}+80^{\circ}C$.
- 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-9090-30 LED OPTIC DATASHEET

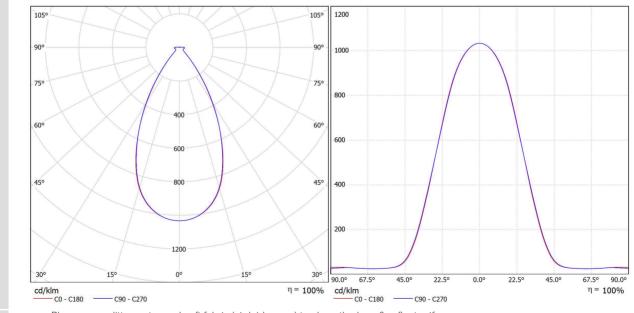


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TLS04NI-9090-60 LED OPTIC DATASHEET

Product Code	TLS04NI-9090-60
Description	Street lighting
Degree (FWHM)	56
Efficiency	92%
Туре	Multi Lens
Size (mm) W x L x H	90X90X9.3
Material	PC
Fastening	Screw
Box Size (mm) WxLxH	320x245x115
Box Weight (g)	400

90X90X9.3
PC
Screw
320x245x115
400
Yes
-35 ° C ~ + 120 ° C max
0 ° C ~ 40 ° C max
X-MS9090NCxx-NV4L144ART-4



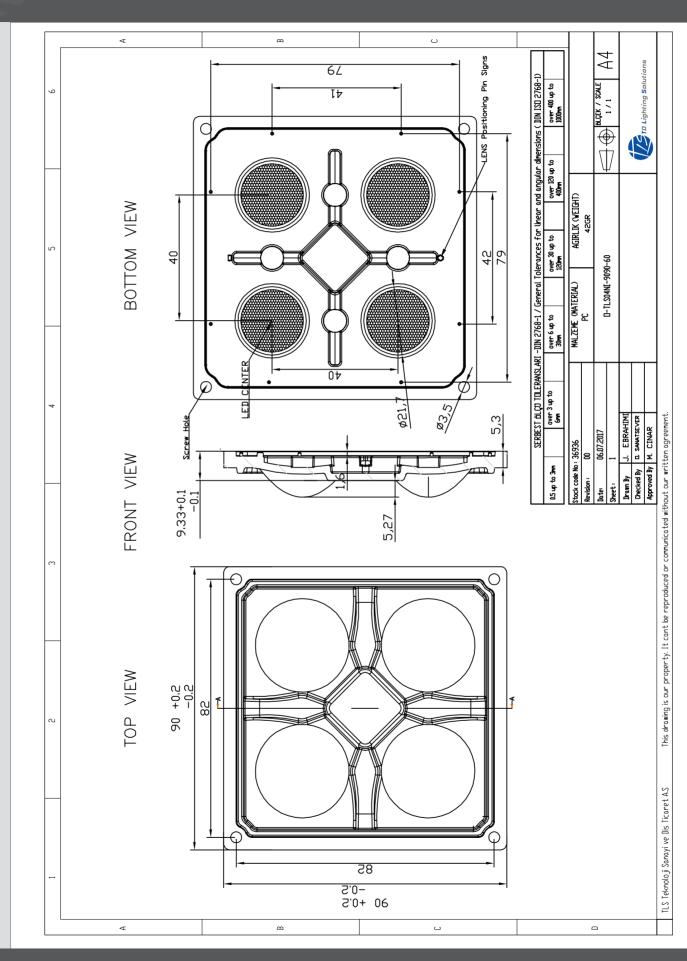
- Please use a litter water and soft fabric (air-laid paper) to clean the lens & reflector if necessary.
- Forbid to use industrial solvent to clean the lens, such as alcohol.
- The working temperature is -25°C~+80°C.
- Storage environment temperature is 0°C~40°C,humidity is 30%~95%.
- Optic Lens has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

PRODUCT PICTURE

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TLS04NI-9090-60 LED OPTIC DATASHEET



TLS04NI-9090-80x157

LED OPTIC DATASHEET



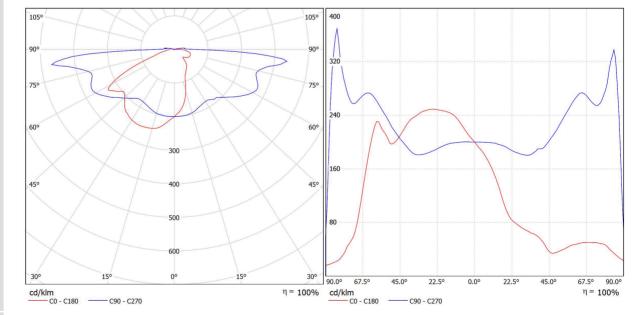
PRODUCT PICTURE

Product Code	O-TLS04NI-9090-80x157
Description	Street lighting
Degree (FWHM)	100
Efficiency	92%
Туре	Multi Lens
Size (mm) W x L x H	90X90X13.5
Material	PMMA
Fastening	Screw
Box Size (mm) WxLxH	320x245x115
Box Weight (g)	400
Rohs Complaint	Yes
Operating Temerature	-40 ° C ~ + 80 ° C max
Storage Temperature	0 ° C ~ 40 ° C max
Compatible LED MODULE	X-MS9090NCxx-NV4L144ART-4

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PHOTOMETRIC SPECIFICATIONS

APPLICATION NOTES



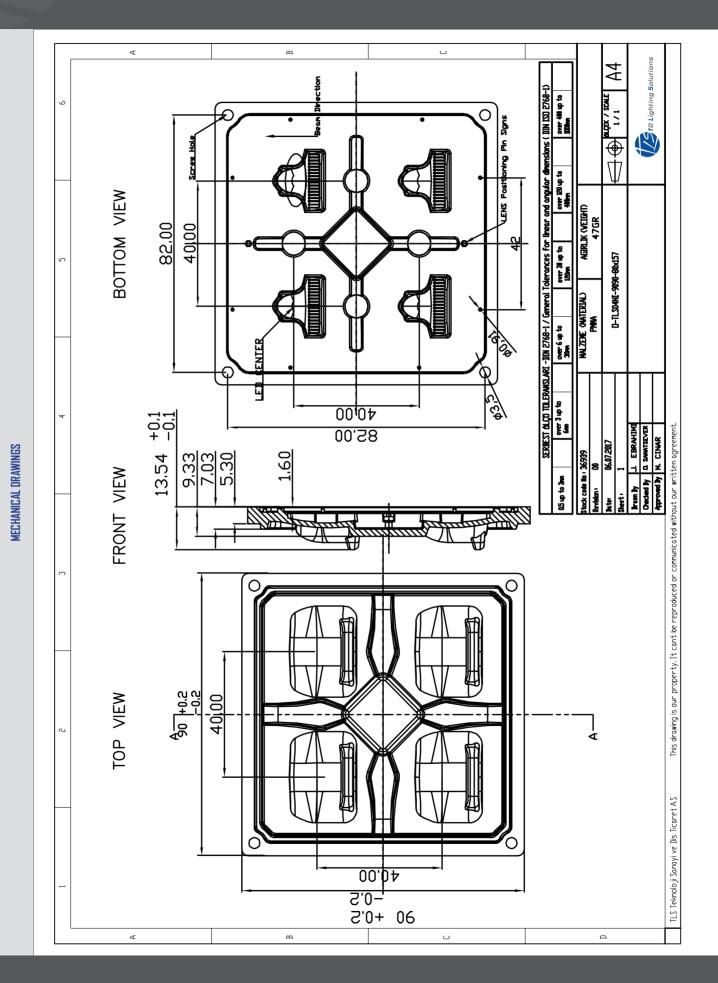
- Please use a litter water and soft fabric (air-laid paper) to clean the lens & reflector if necessary.
- Forbid to use industrial solvent to clean the lens, such as alcohol.
- The working temperature is -25°C~+80°C.
- Storage environment temperature is 0°C~40°C, humidity is 30%~95%.
- Optic Lens has the function to change the ray of light, it is made of optical material, the effect shall be influenced once pollute
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- Please ware gloves once install the lens, avoid to abrasion the lens surface.
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TLS04NI-9090-80x157

LED OPTIC DATASHEET

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TLS04NI-9090-150

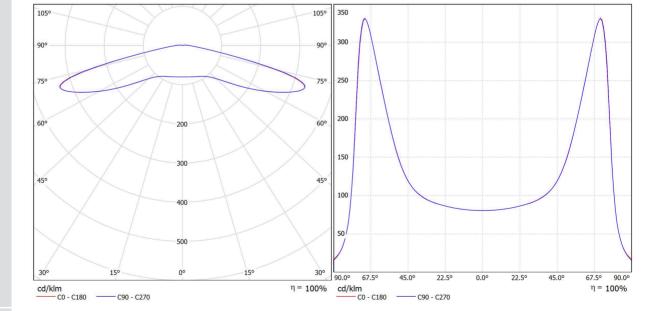
LED OPTIC DATASHEET



PRODUCT PICTURE

GENERAL SPECIFICATIONS

Product Code	TLS04NI-9090-150
Description	Street lighting
Degree (FWHM)	156
Efficiency	92%
Туре	Multi Lens
Size (mm) W x L x H	90X90X9.3
Material	PMMA
Fastening	Screw
Box Size (mm) WxLxH	320x245x115
Box Weight (g)	400
Rohs Complaint	Yes
Operating Temerature	-35 ° C ~ + 120 ° C max
Storage Temperature	0 ° C ~ 40 ° C max
Compatible LED MODULE	X-MS9090NCxx-NV4L144ART-4



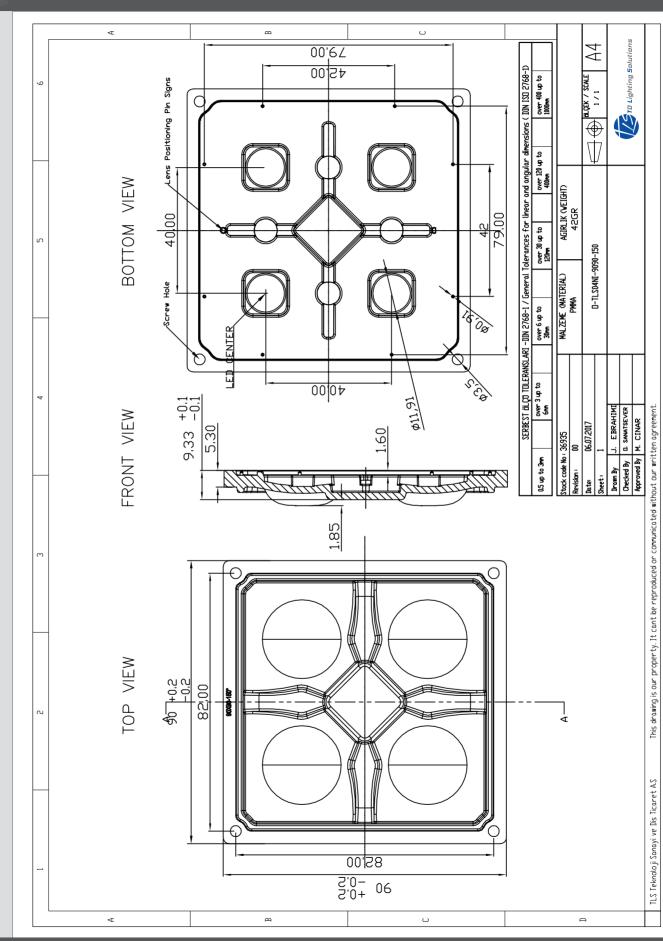
• Please use a litter water and soft fabric (air-laid paper) to clean the lens & reflector if necessary.

- 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.
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PHOTOMETRIC SPECIFICATIONS



TLS04NI-9090-150 LED OPTIC DATASHEET



MECHANICAL DRAWINGS

TLS04NI 9090 Series

LED OPTIC DATASHEET

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