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BY  *TD Lighting Solutions*

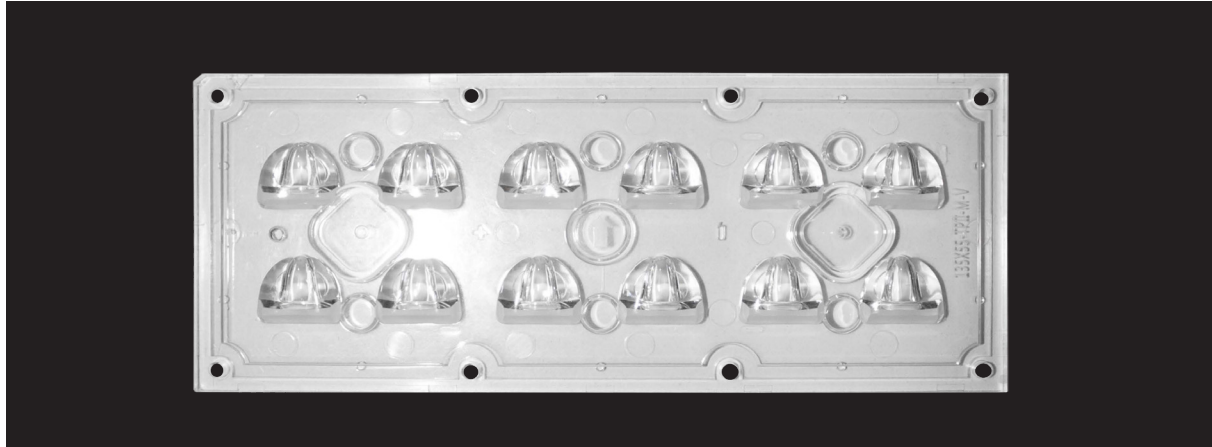


TLS12NI

Linear Series

FAMILY DATASHEET

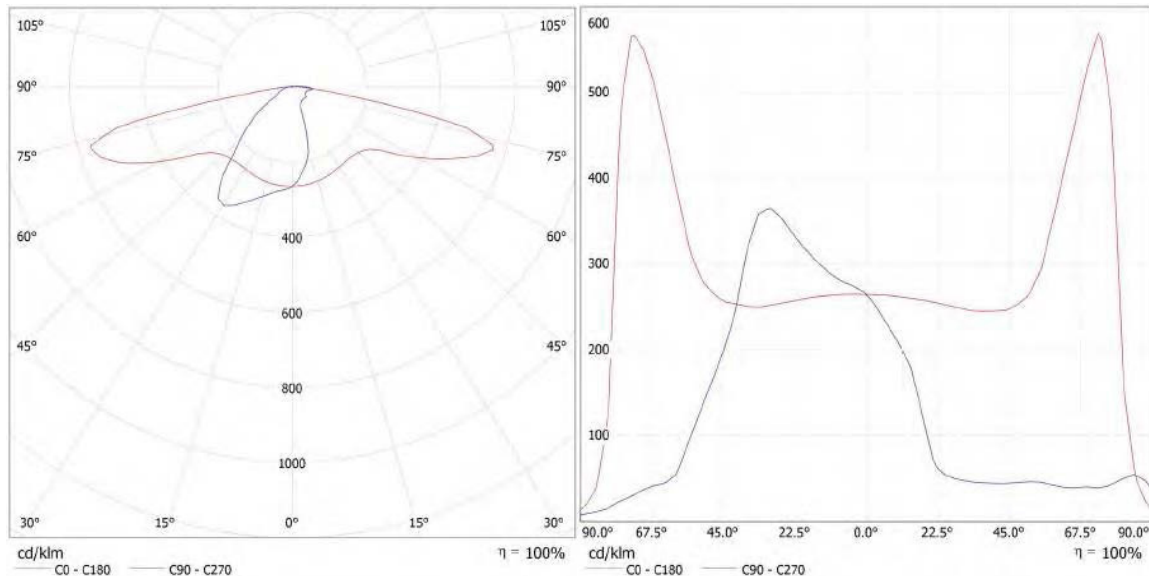
PRODUCT PICTURE



GENERAL SPECIFICATIONS

Product Code	TLS12NI-W71L173-STL-H-IP
Description	Street Lighting
Degree (FWHM)	Asymmetric
Efficiency	90%
Type	12 in1
Size (mm) W x L x H	71x173x7.5
Material	PC
Fastening	Screw
Box Size (mm) WxLxH	505x330x255
Box Quantity	240 pcs
Box Weight (g)	10000
Rohs Compliant	Yes
Operating Temperature	-25 ° C ~ + 125 ° C max
Storage Temperature	0 ° C ~ 40 ° C max

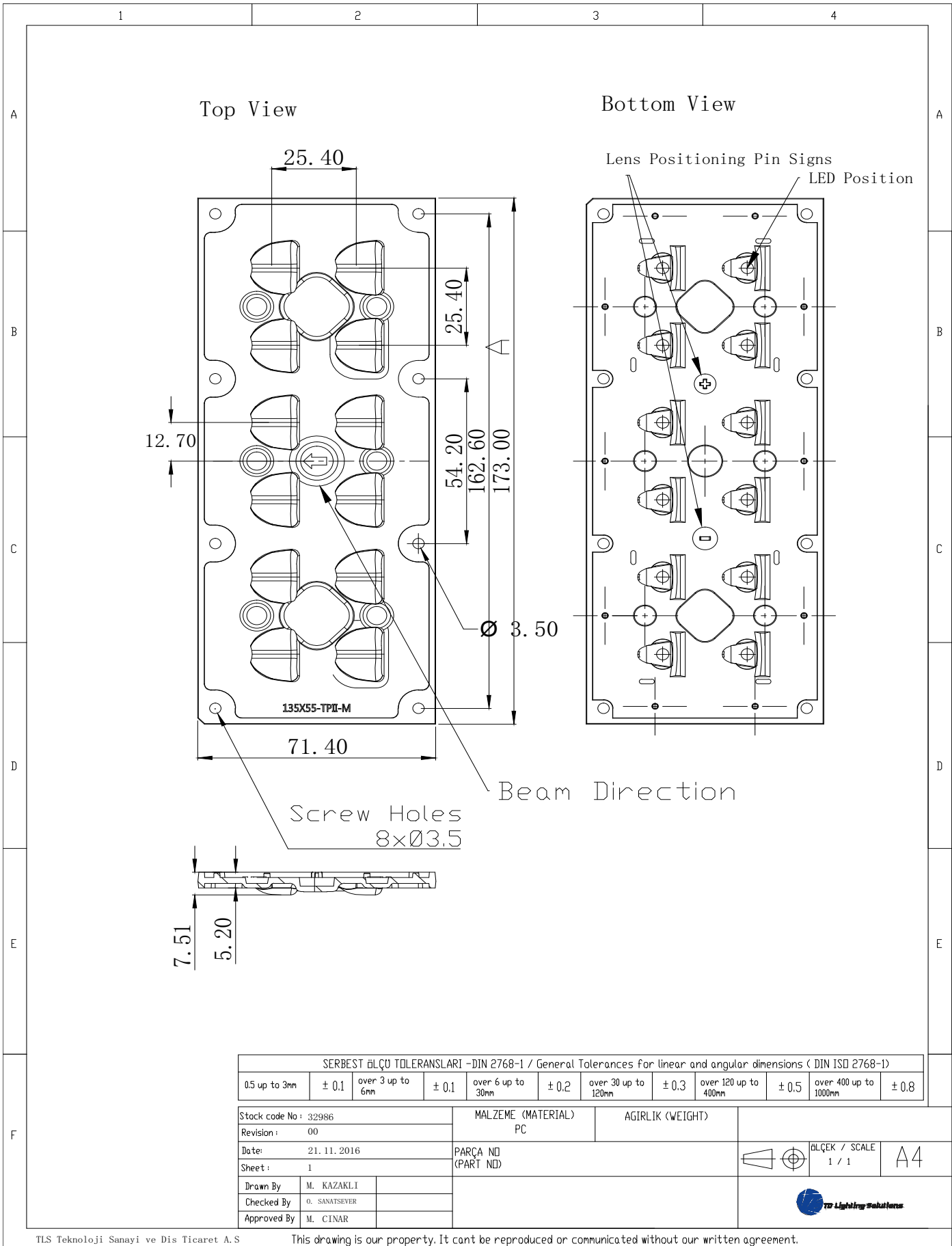
PHOTOMETRIC SPECIFICATIONS



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.
- 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



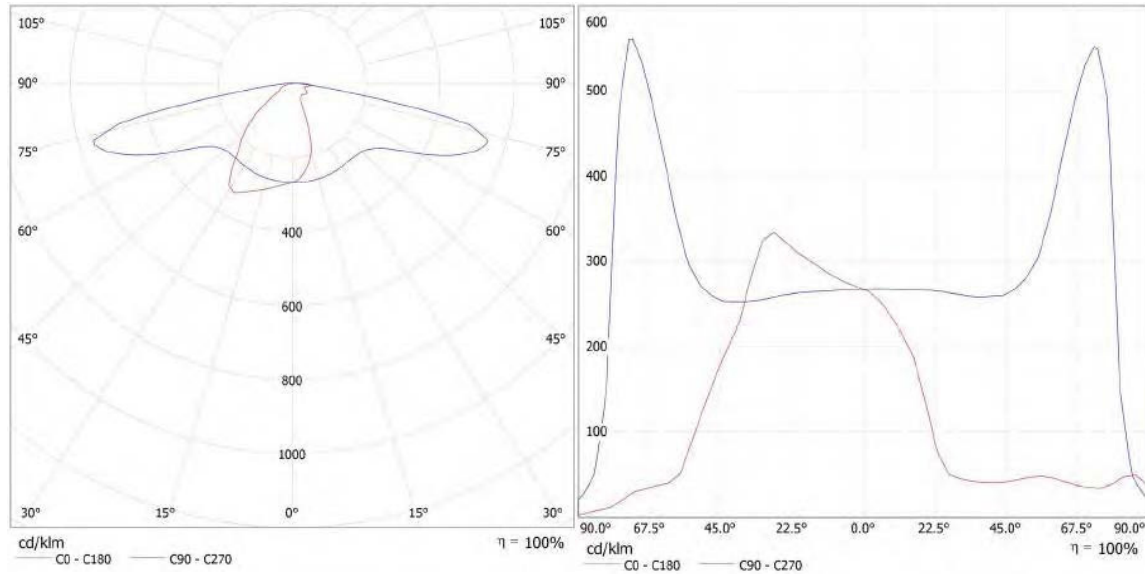
PRODUCT PICTURE



GENERAL SPECIFICATIONS

Product Code	TLS12NI-W71L173-STL-V-IP
Description	Street Lighting
Degree (FWHM)	Asymmetric
Efficiency	90%
Type	12 in1
Size (mm) W x L x H	71x173x7.5
Material	PC
Fastening	Screw
Box Size (mm) WxLxH	505x330x255
Box Quantity	240 pcs
Box Weight (g)	10000
Rohs Complaint	Yes
Operating Temperature	-25 ° C ~ + 125 ° C max
Storage Temperature	0 ° C ~ 40 ° C max

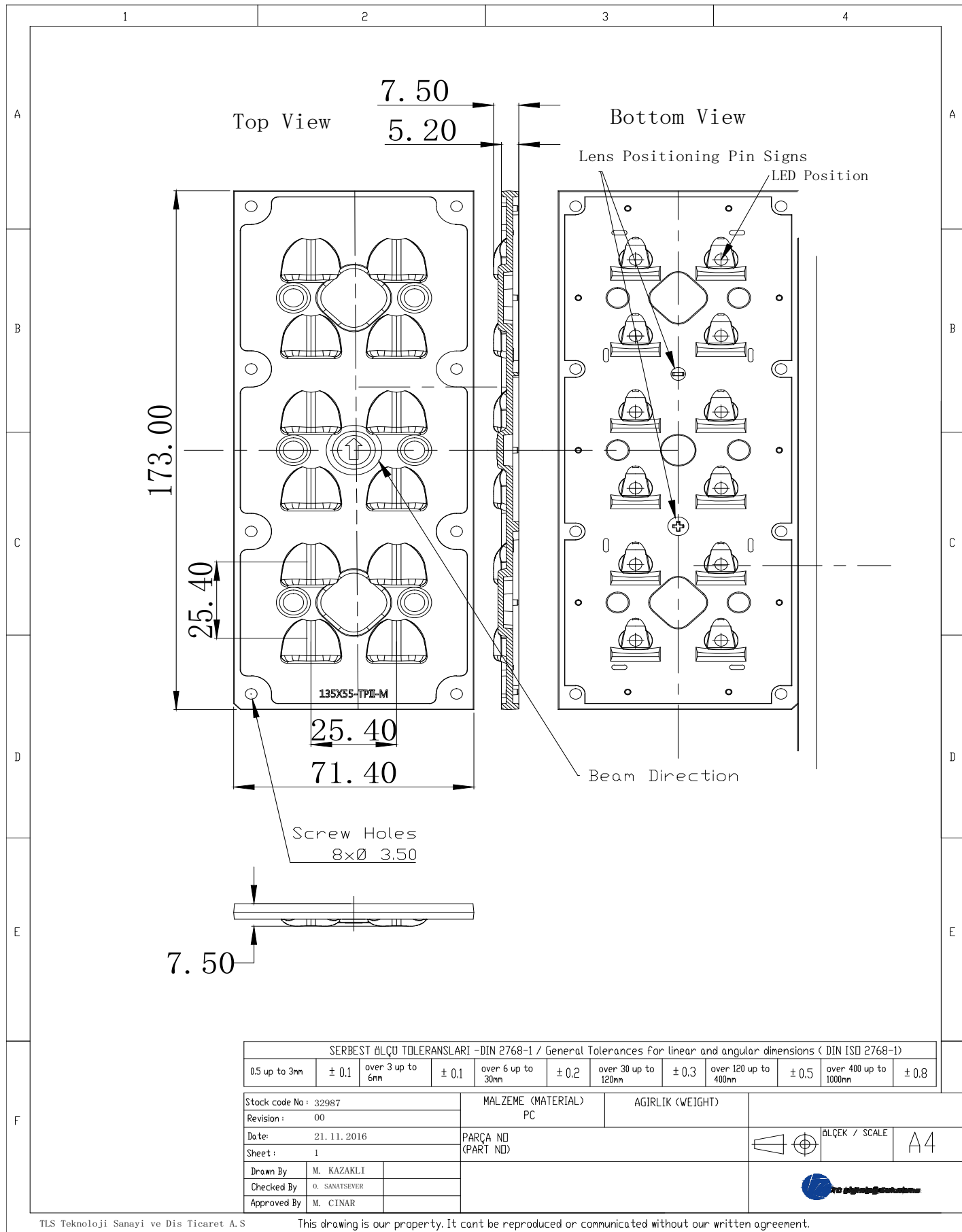
PHOTOMETRIC SPECIFICATIONS



APPLICATION NOTES

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- 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



TLS12NI-W71L173-HBL-12-IP

LED OPTIC DATASHEET

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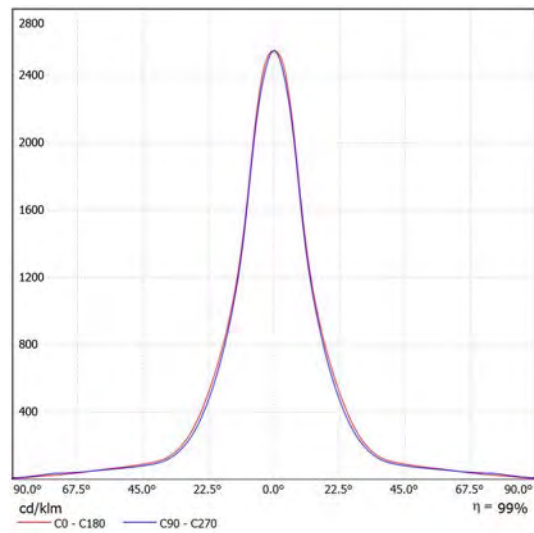
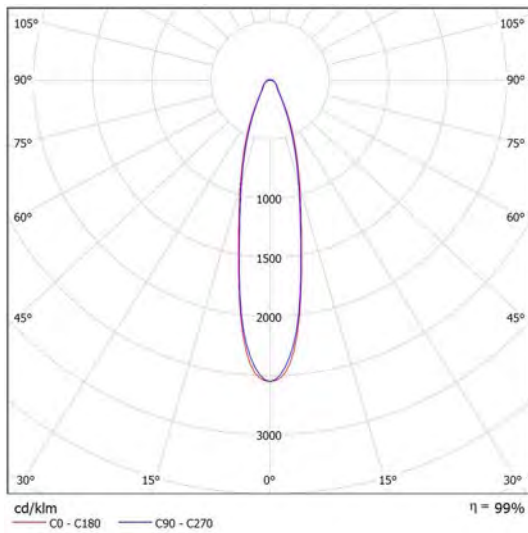
PRODUCT PICTURE



GENERAL SPECIFICATIONS

Product Code	O-TLS12NI-W71L173-HBL-12-IP
Description	Flood Lighting
Degree (FWHM)	Symmetric
Efficiency	91%
Type	12 in 1
Size (mm) W x L x H	71X173X7.5
Material	PC
Fastening	Screw
Box Size (mm) WxLxH	505x330x255
Box Quantity	240 pcs
Box Weight (g)	10000
Rohs Complaint	Yes
Operating Temperature	-25 ° C ~ + 125 ° C max
Storage Temperature	0 ° C ~ 40 ° C max
Compatible MODULES	X-ML45146NCxx-NVS219C-12 X-ML52156NCxx-NVS219C-12

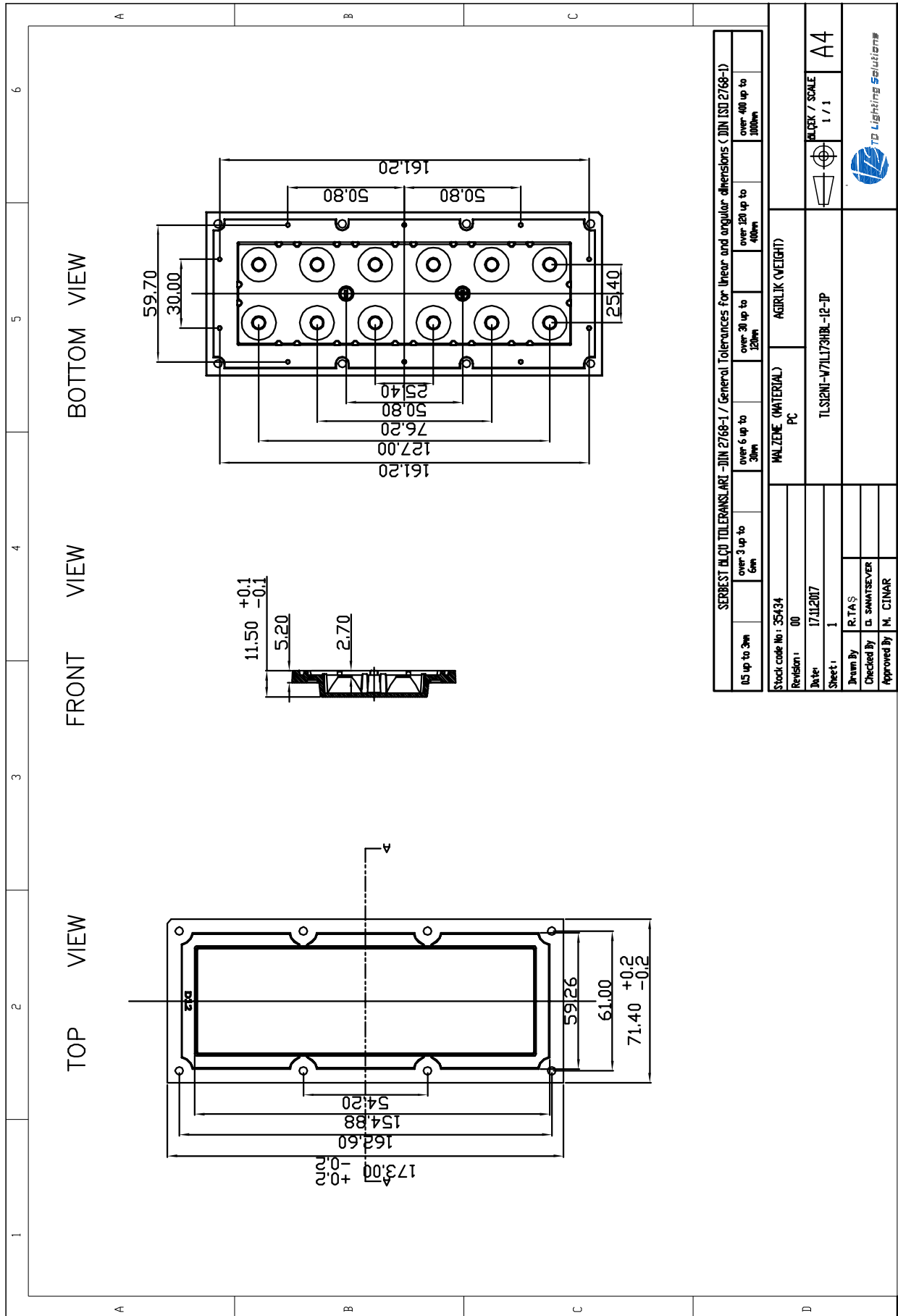
PHOTOMETRIC SPECIFICATIONS



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.
- 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.
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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.

MECHANICAL DRAWINGS



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TLS12NI-W71L173-HBL-30-IP

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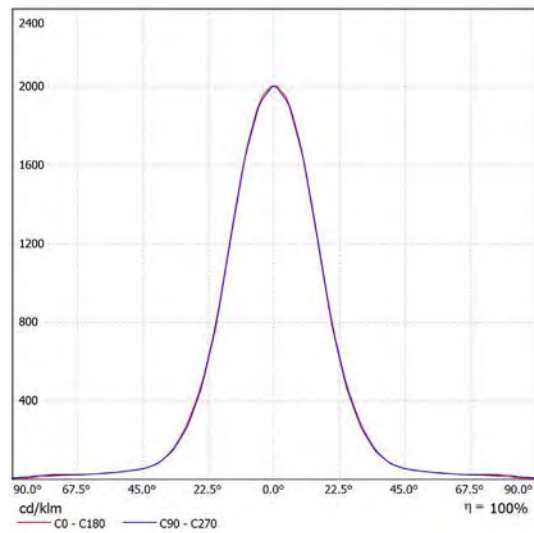
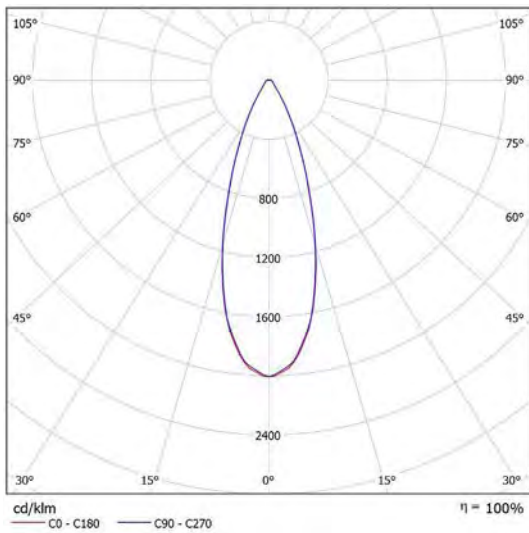
PRODUCT PICTURE



GENERAL SPECIFICATIONS

Product Code	TLS12NI-W71L173-HBL-30-IP
Description	Very High BayLighting
Degree (FWHM)	Symmetric
Efficiency	92%
Type	12 in 1
Size (mm) W x L x H	71X173X7.5
Material	PC
Fastening	Screw
Box Size (mm) WxLxH	505x330x255
Box Quantity	240 pcs
Box Weight (g)	10000
Rohs Complaint	Yes
Operating Temperature	-25 ° C ~ + 125 ° C max
Storage Temperature	0 ° C ~ 40 ° C max
Compatible MODULES	X-ML45146NCxx-NVS219C-12 X-ML52156NCxx-NVS219C-12

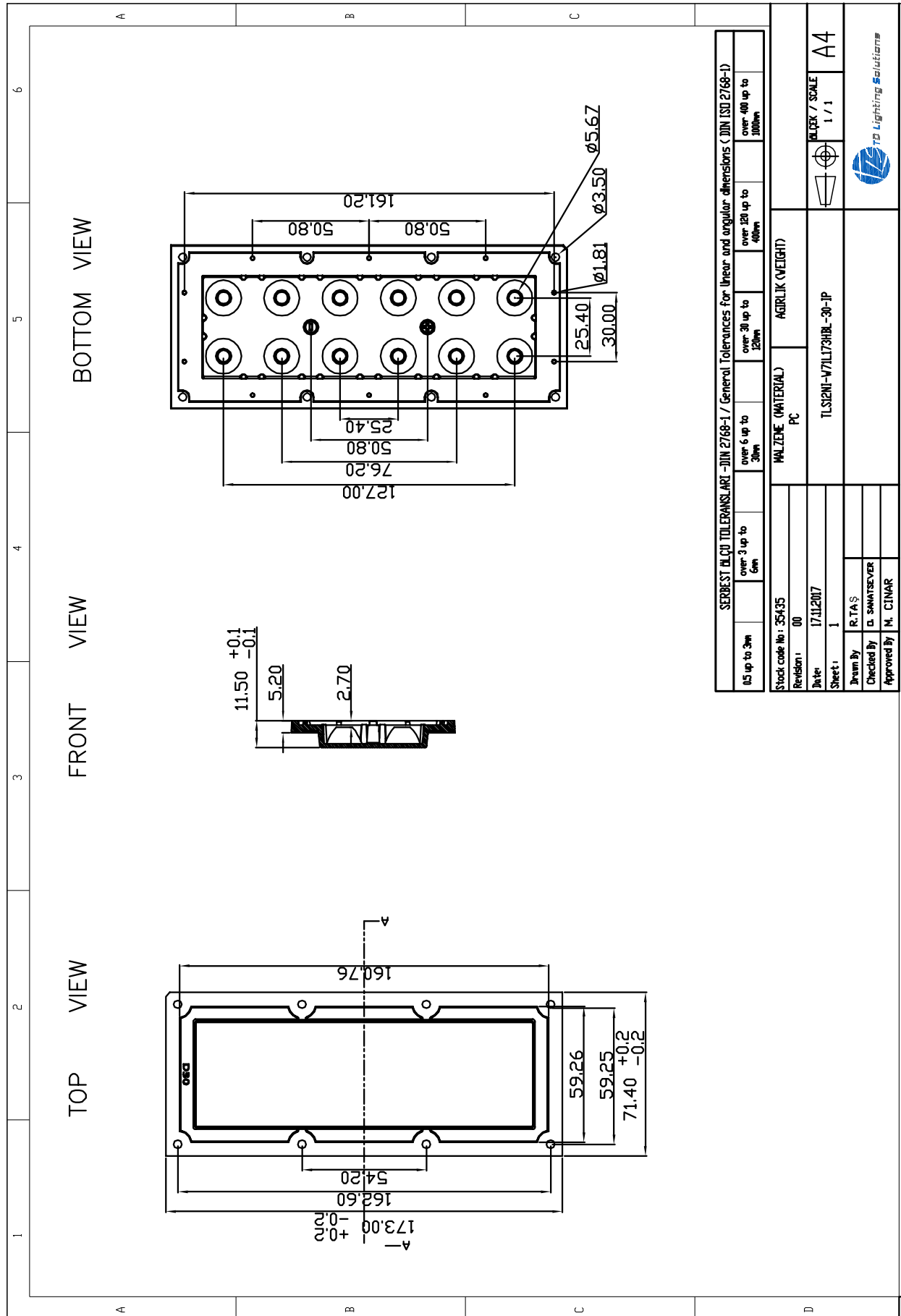
PHOTOMETRIC SPECIFICATIONS



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.
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MECHANICAL DRAWINGS



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TLS12NI-W71L173-HBL-60x60-IP

LED OPTIC DATASHEET

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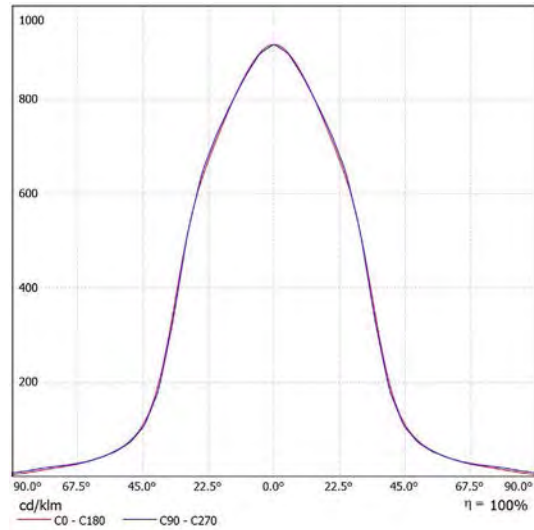
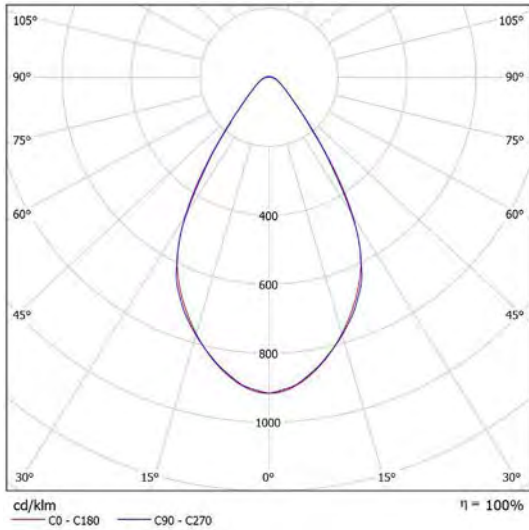
PRODUCT PICTURE



GENERAL SPECIFICATIONS

Product Code	TLS12NI-W71L173-HBL-60x60-IP
Description	High Bay Lighting
Degree (FWHM)	Symmetric
Efficiency	92%
Type	12 in 1
Size (mm) W x L x H	71X173X7.5
Material	PC
Fastening	Screw
Box Size (mm) WxLxH	505x330x255
Box Quantity	240 pcs
Box Weight (g)	10000
Rohs Complaint	Yes
Operating Temperature	-25 ° C ~ + 125 ° C max
Storage Temperature	0 ° C ~ 40 ° C max
Compatible MODULES	X-ML45146NCxx-NVS219C-12 X-ML52156NCxx-NVS219C-12

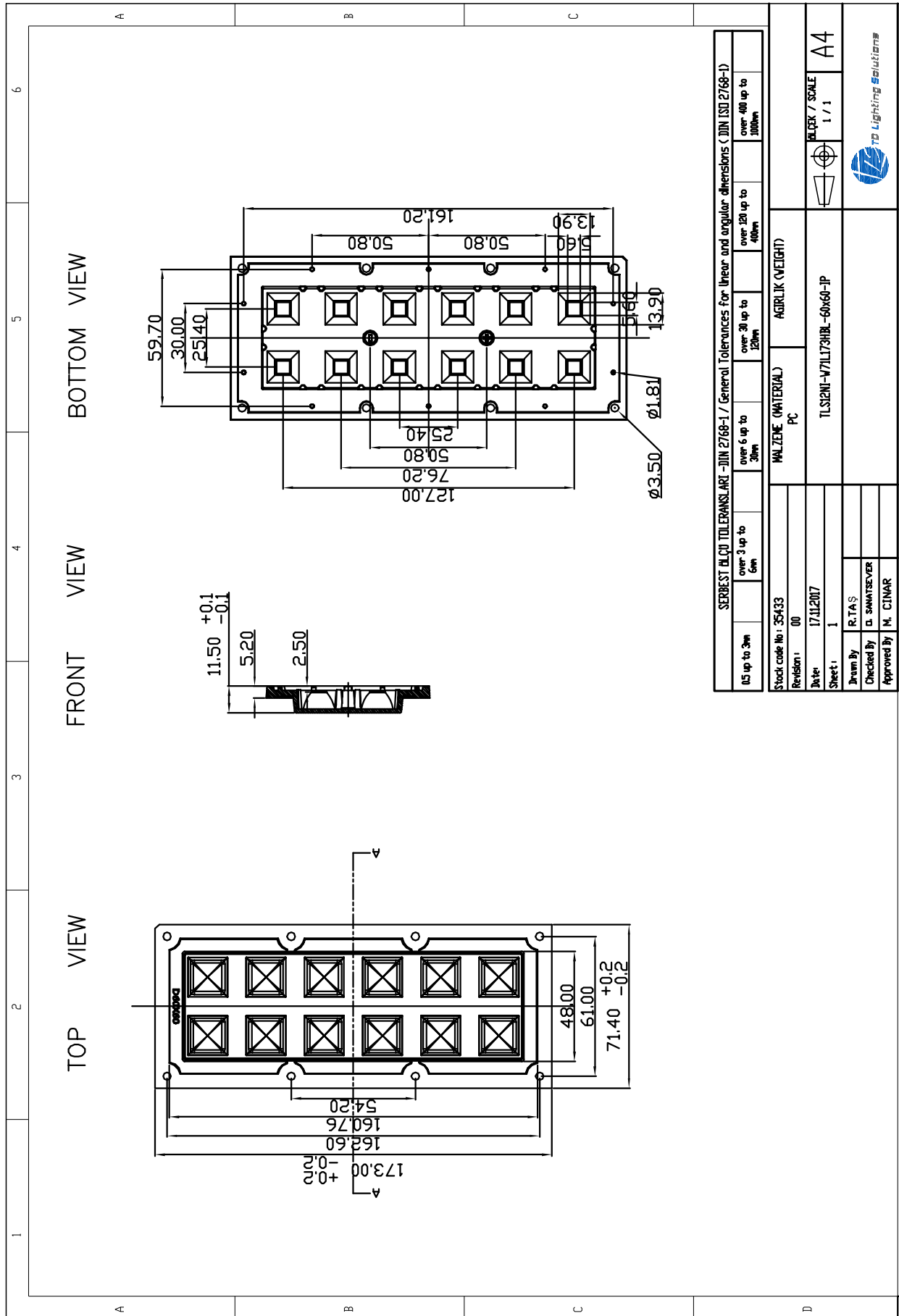
PHOTOMETRIC SPECIFICATIONS



APPLICATION NOTES

- Please use a little water and soft fabric (air-laid paper) to clean the lens & reflector if necessary.
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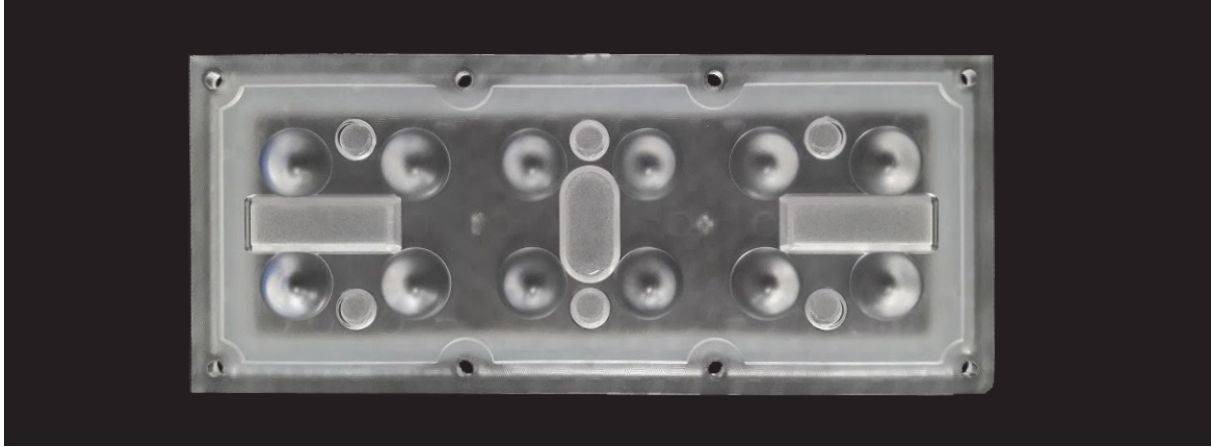
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TLS Teknoloji Sanayi ve Ticaret A.Ş.

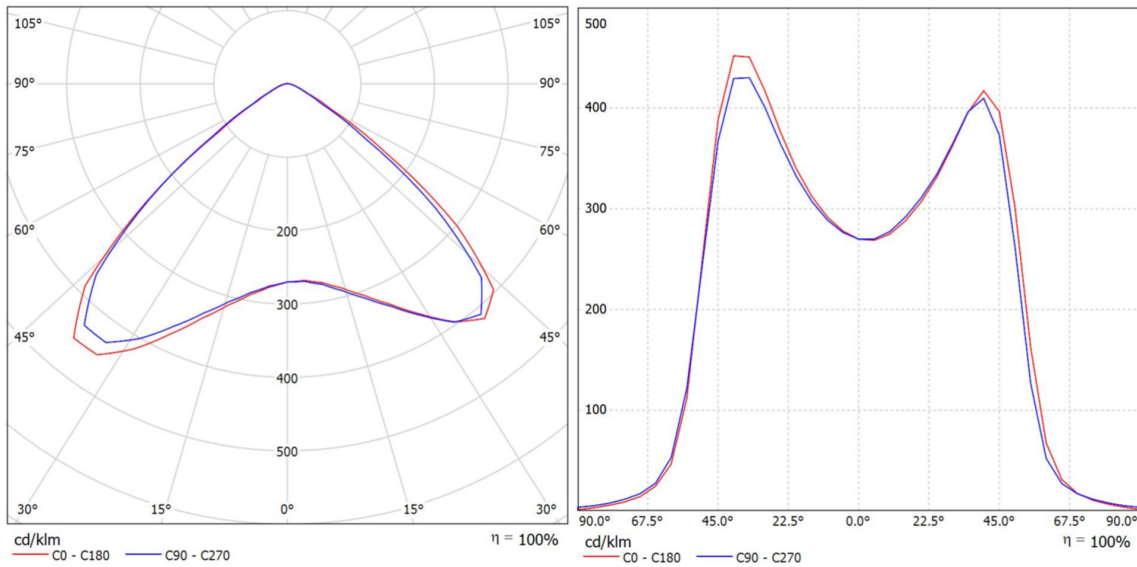
PRODUCT PICTURE



GENERAL SPECIFICATIONS

Product Code	TLS12NI-W71L173-HBL-90-IP
Description	Downlight
Degree (FWHM)	103°
Efficiency	92%
Type	12 in 1
Size (mm) W x L x H	71x173x10.7
Material / Operating Temp.	PC / -40 °C ~ +110 °C max
Fastening	Screw, Pin
Box Size (mm) WxLxH	315x250x115
Box Quantity	70 pcs
Box Weight (g)	3800
Rohs Compliant	Yes
Storage Temperature	0 °C ~ 40 °C max
Compatible LED MODULE	X-ML45146NCxx-NVSW219D-12

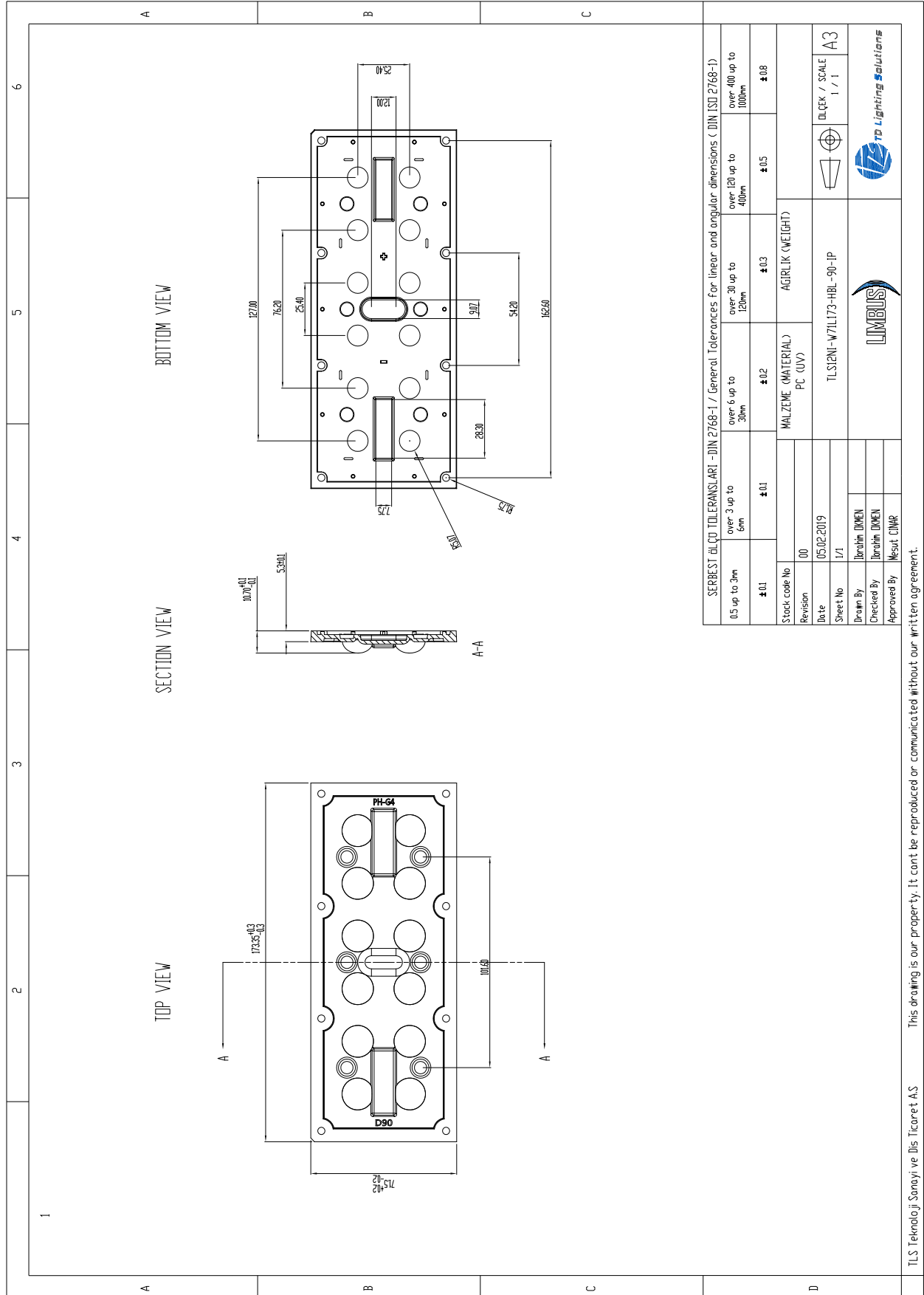
PHOTOMETRIC SPECIFICATIONS



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MECHANICAL DRAWINGS



TLS12NI LINEAR SERIES FAMILY DATASHEET

LED OPTIC DATASHEET

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CONTACT

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