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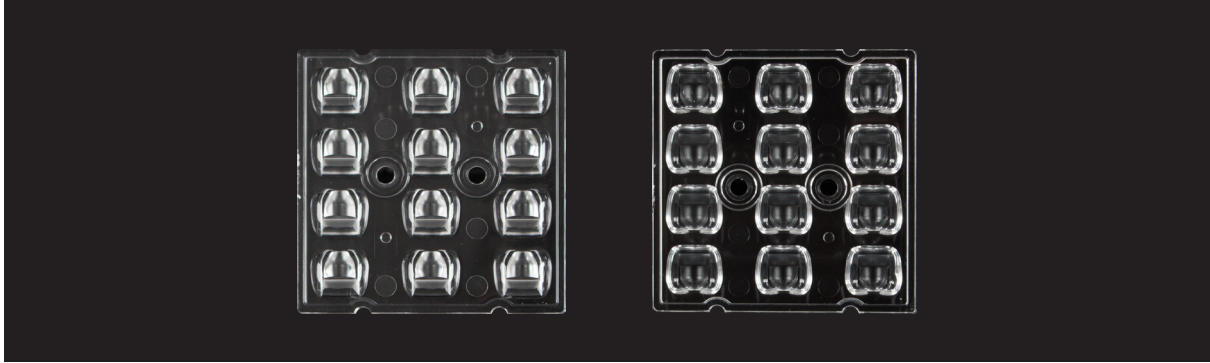
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BY  TD Lighting Solutions

TLS12NI Square Series

FAMILY DATASHEET

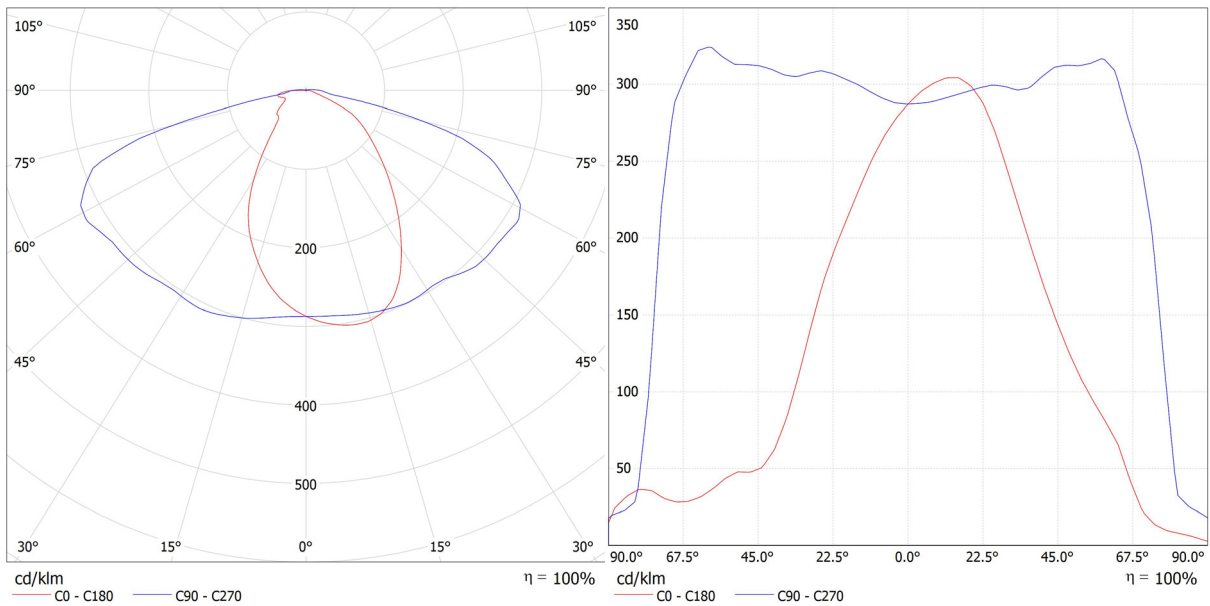
PRODUCT PICTURE



GENERAL SPECIFICATIONS

Product Code	TLS12NI-CT757ST-M2M3-V1
Description	Wall Washing
Degree (FWHM)	ASYM
Efficiency	92%
Type	12 in 1
Size (mm) W x L x H	50x50x5.75
Material / Operating Temp.	PMMA / -40 ° C ~ + 90 ° C max
Fastening	Screw
Box Size (mm) WxLxH	310x400x310
Box Quantity	1350 pcs
Box Weight (g)	7400
Rohs Complaint	Yes
Storage Temperature	0 ° C ~ 40 ° C max

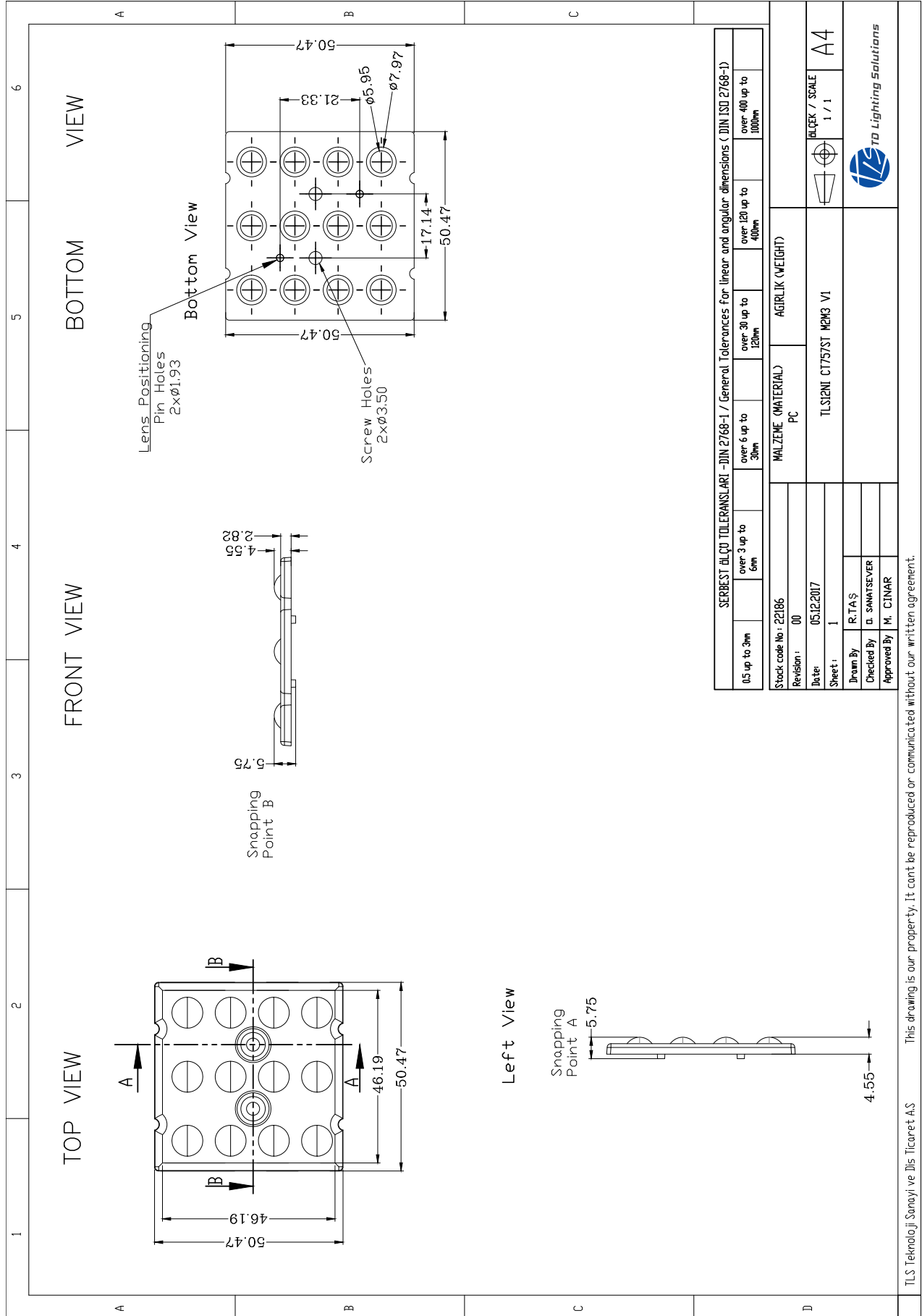
PHOTOMETRIC SPECIFICATIONS



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 temperatures is 40 ° C ~ + 105 ° C for TLS12NI-CT757ST-M2M3-V1, under 110 ° C for reflector.
- 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 before installing 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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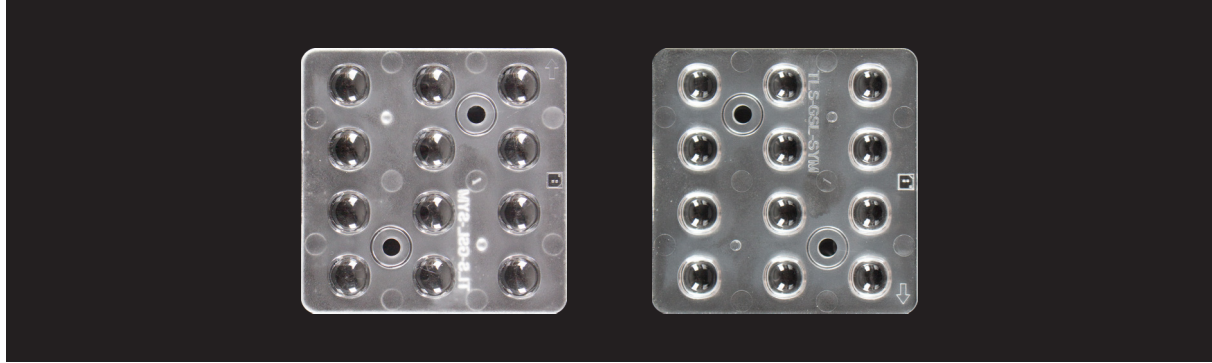
TLS12NI-GSL-SYM-V1

LED OPTIC DATASHEET

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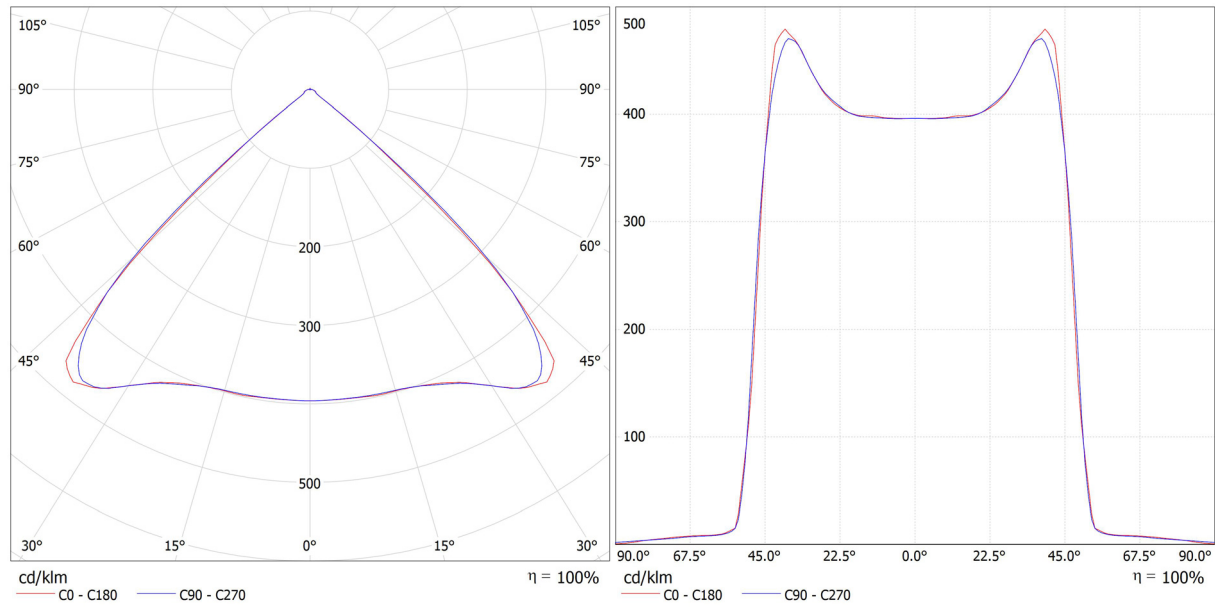
PRODUCT PICTURE



GENERAL SPECIFICATIONS

Product Code	TLS12NI-GSL-SYM-V1
Description	Gas Station Lighting
Degree (FWHM)	90°
Efficiency	94%
Type	12 in 1
Size (mm) WxLxH	50x50x4.79 mm
Material / Operating Temp.	PMMA / -40 ° C ~ + 90 ° C max
Fastening	Screw
Box Size (mm) WxLxH	310x400x310
Box Quantity	1200 pcs
Box Weight (g)	11000
Rohs Compliant	Yes
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 temperatures is 40 °C ~ + 105 °C for TLS12NI-GSL-SYM-V1, under 110 °C for reflector.
- 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 before installing the lens, avoid to abrasion the lens surface.
- Forbid to use acidic or alkaline solution touch the product, avoid to generate the chemical reactions

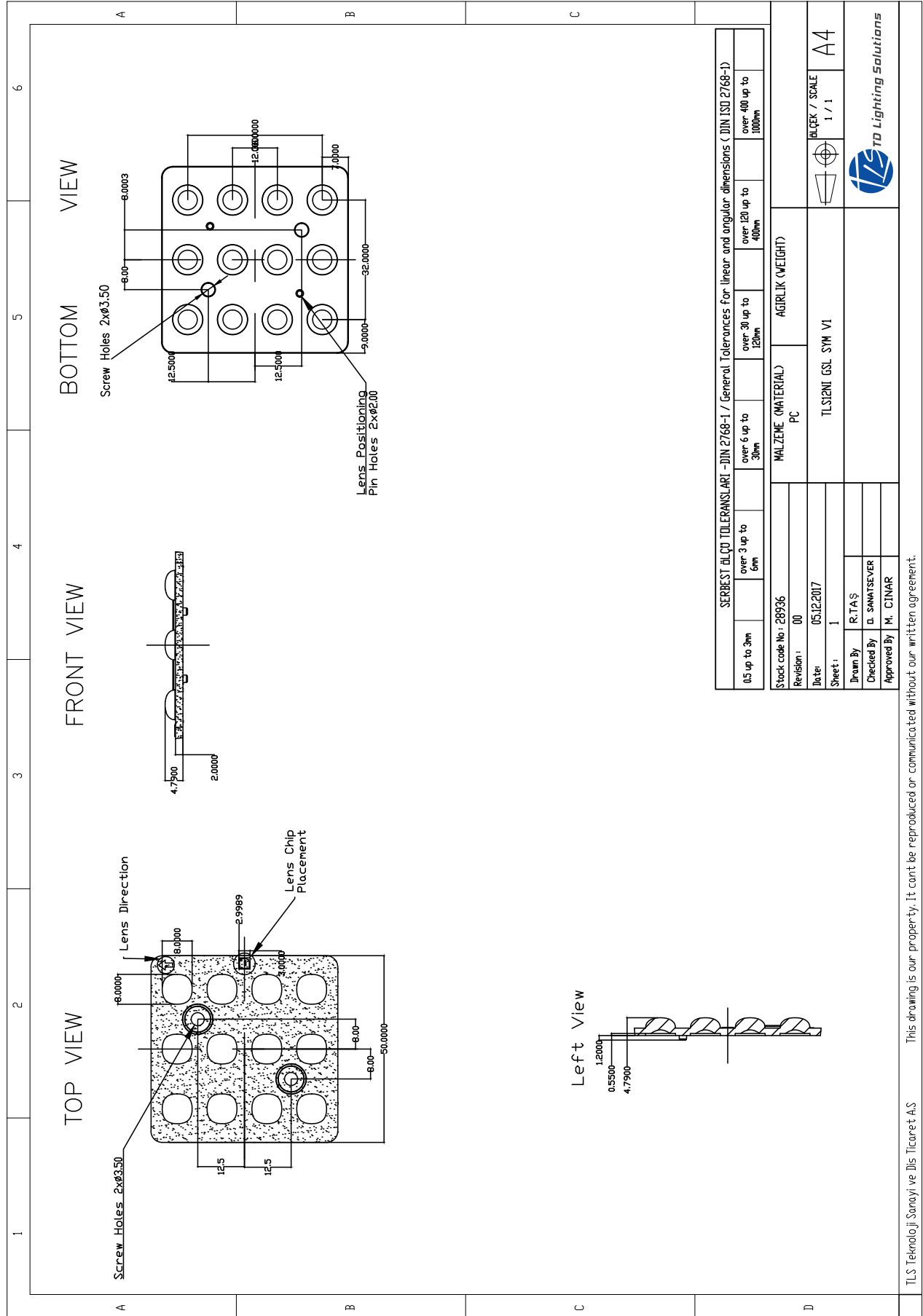
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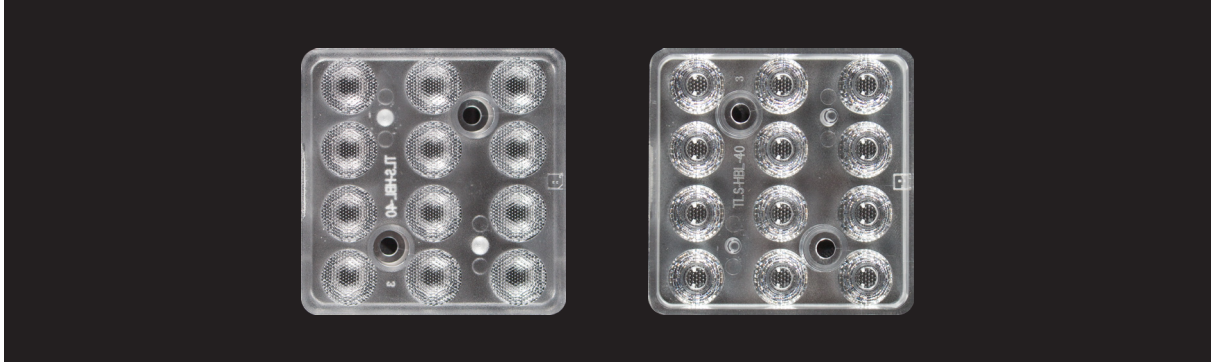
TLS12NI-HBL-40-V1

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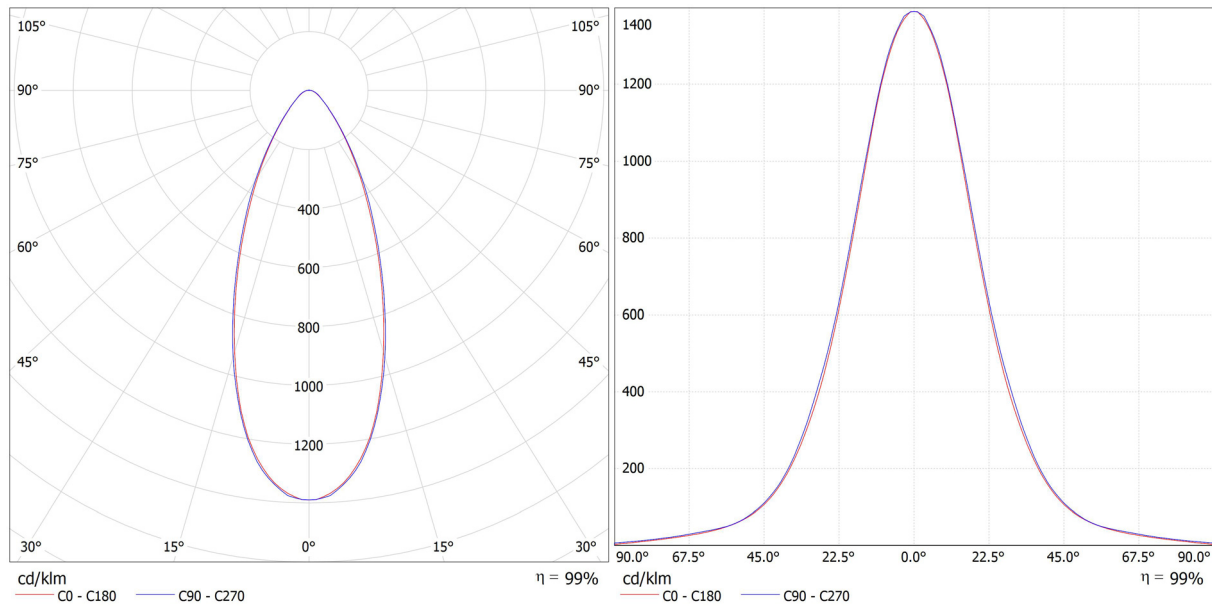
PRODUCT PICTURE



GENERAL SPECIFICATIONS

Product Code	TLS12NI-HBL-40-V1
Description	High Bay Lighting
Degree (FWHM)	42°
Efficiency	94%
Type	12 in 1
Size (mm) WxLxH	50x50x4.79 mm
Material / Operating Temp.	PMMA / -40 ° C ~ + 90 ° C max
Fastening	Screw
Box Size (mm) WxLxH	310x400x310
Box Quantity	750 pcs
Box Weight (g)	12400
Rohs Compliant	Yes
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 temperatures is 40 °C ~ + 105 °C for TLS12NI-HBL-40-V1, under 110 °C for reflector.
- 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 before installing the lens, avoid to abrasion the lens surface.
- Forbid to use acidic or alkaline solution touch the product, avoid to generate the chemical reactions

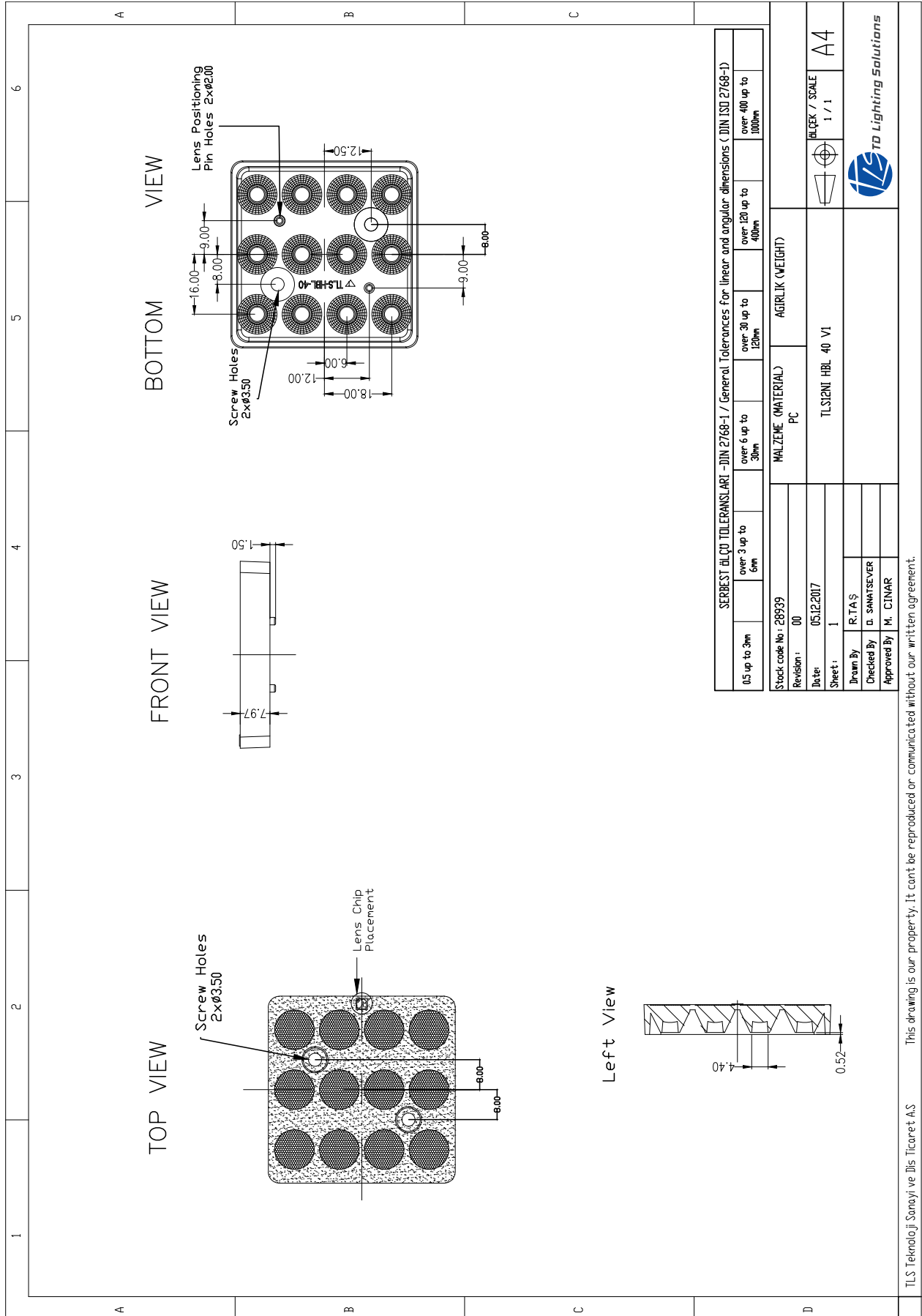
TLS12NI-HBL-40-V1

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TLS12NI-HBL-60-V1

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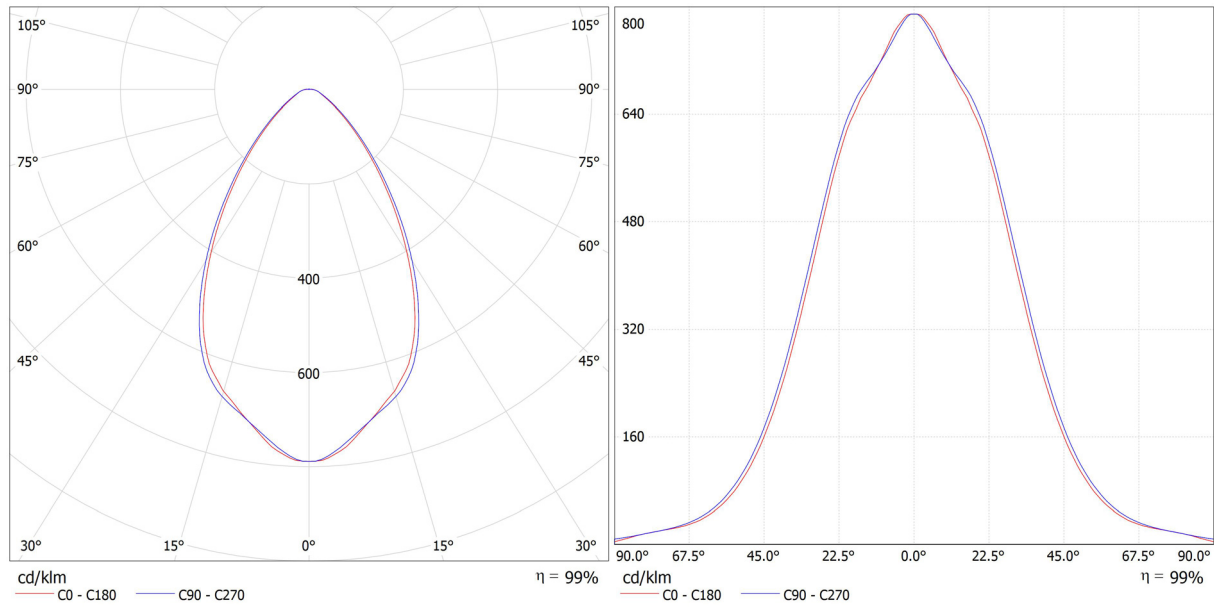
PRODUCT PICTURE



GENERAL SPECIFICATIONS

Product Code	TLS12NI-HBL-60-V1
Description	High Bay Lighting
Degree (FWHM)	64°
Efficiency	94%
Type	12 in 1
Size (mm) WxLxH	50x50x4.79 mm
Material / Operating Temp.	PMMA / -40 ° C ~ + 90 ° C max
Fastening	Screw
Box Size (mm) WxLxH	310x400x310
Box Quantity	750 pcs
Box Weight (g)	12400
Rohs Compliant	Yes
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 temperatures is 40 °C ~ + 105 °C for TLS12NI-HBL-60-V1, under 110 °C for reflector.
- 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 before installing the lens, avoid to abrasion the lens surface.
- Forbid to use acidic or alkaline solution touch the product, avoid to generate the chemical reactions

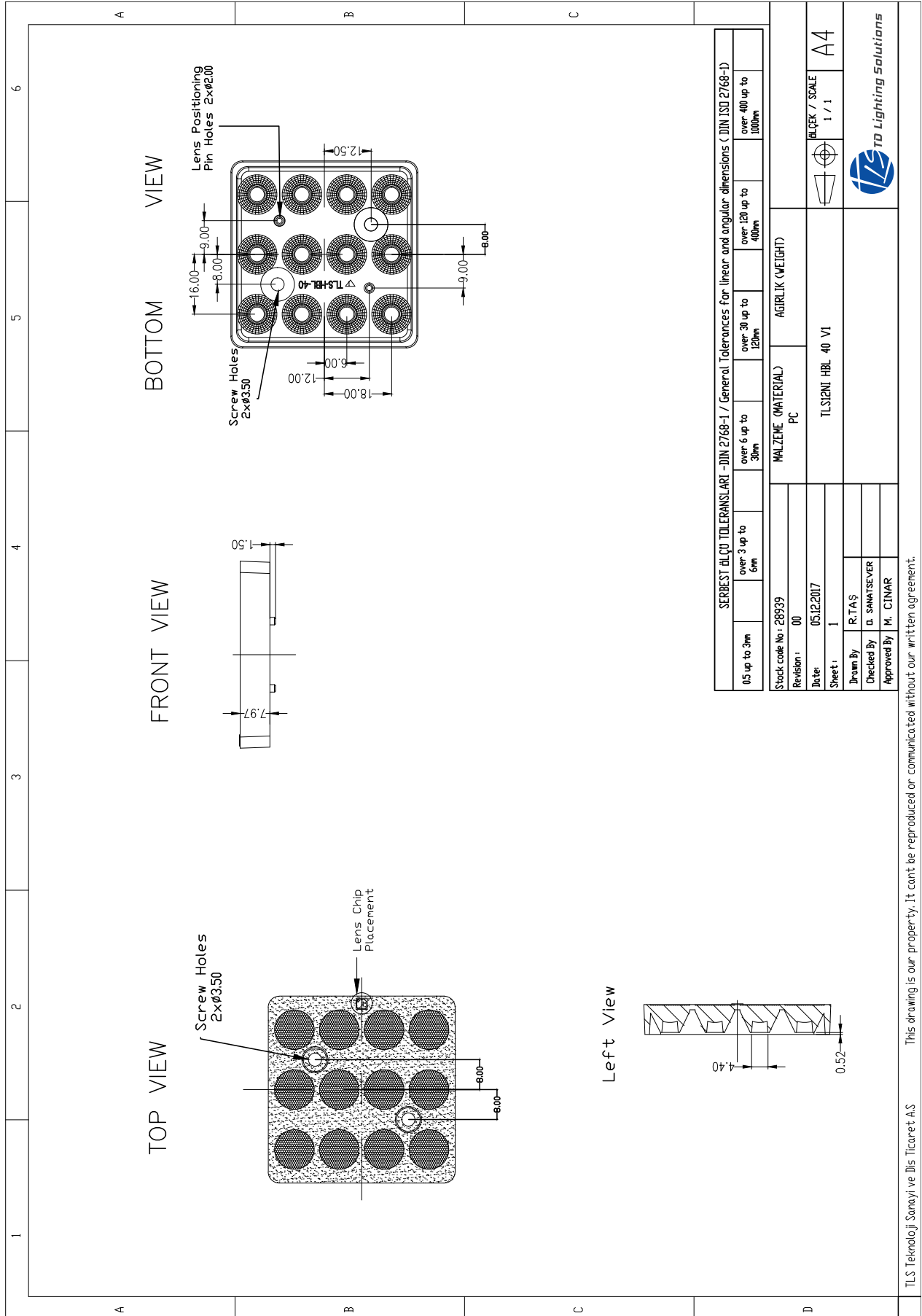
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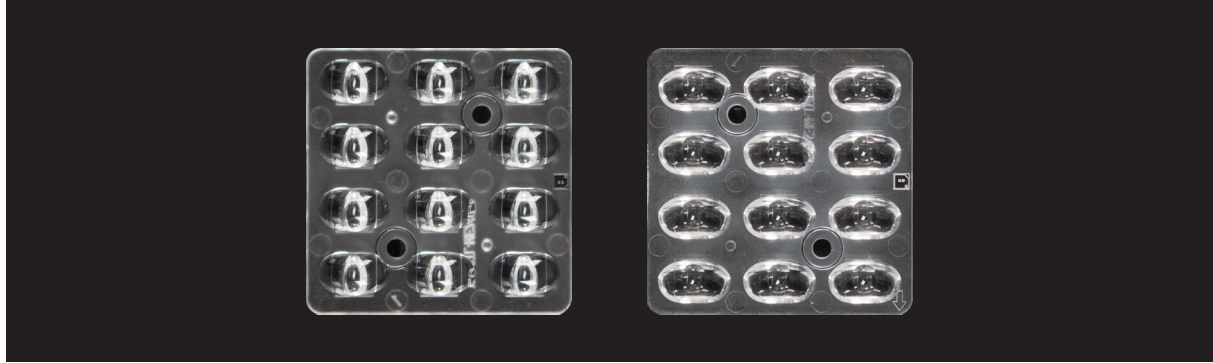
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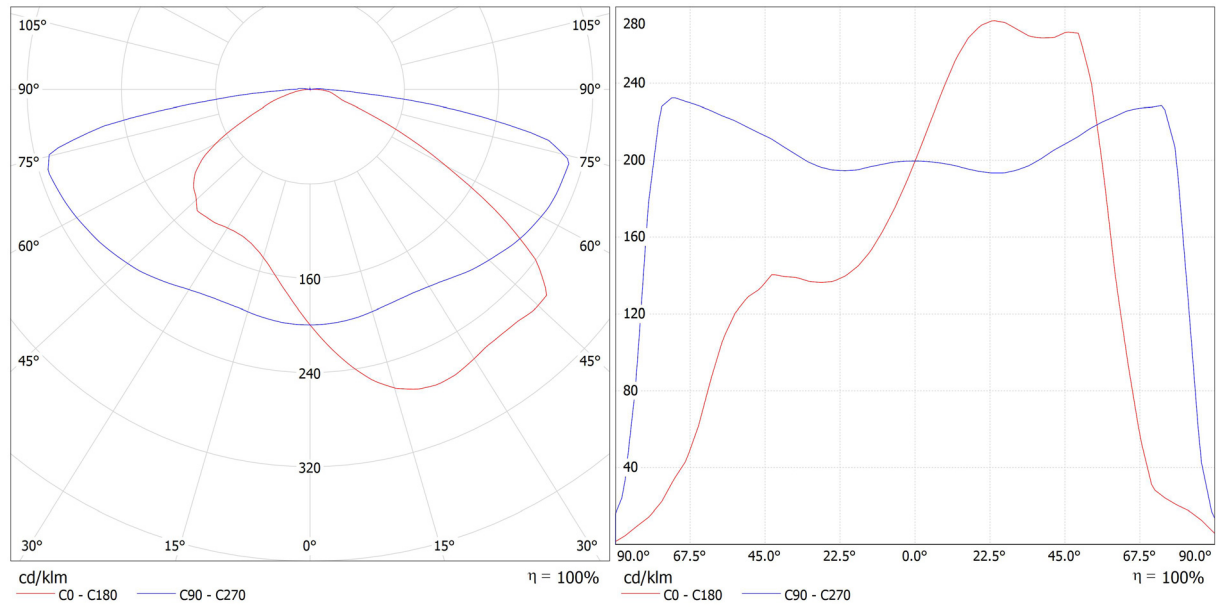
PRODUCT PICTURE



GENERAL SPECIFICATIONS

Product Code	TLS12NI-STL-ME3-V1
Description	Street Lighting
Degree (FWHM)	ASYM
Efficiency	94%
Type	12 in 1
Size (mm) WxLxH	50x50x5.15 mm
Material / Operating Temp.	PMMA / -40 ° C ~ + 90 ° C max
Fastening	Screw
Box Size (mm) WxLxH	310x400x310
Box Quantity	1200 pcs
Box Weight (g)	11000
Rohs Compliant	Yes
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 temperatures is 40 °C ~ + 105 °C for TLS12NI-STL-ME3-V1, under 110 °C for reflector.
- 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 before installing the lens, avoid to abrasion the lens surface.
- Forbid to use acidic or alkaline solution touch the product, avoid to generate the chemical reactions

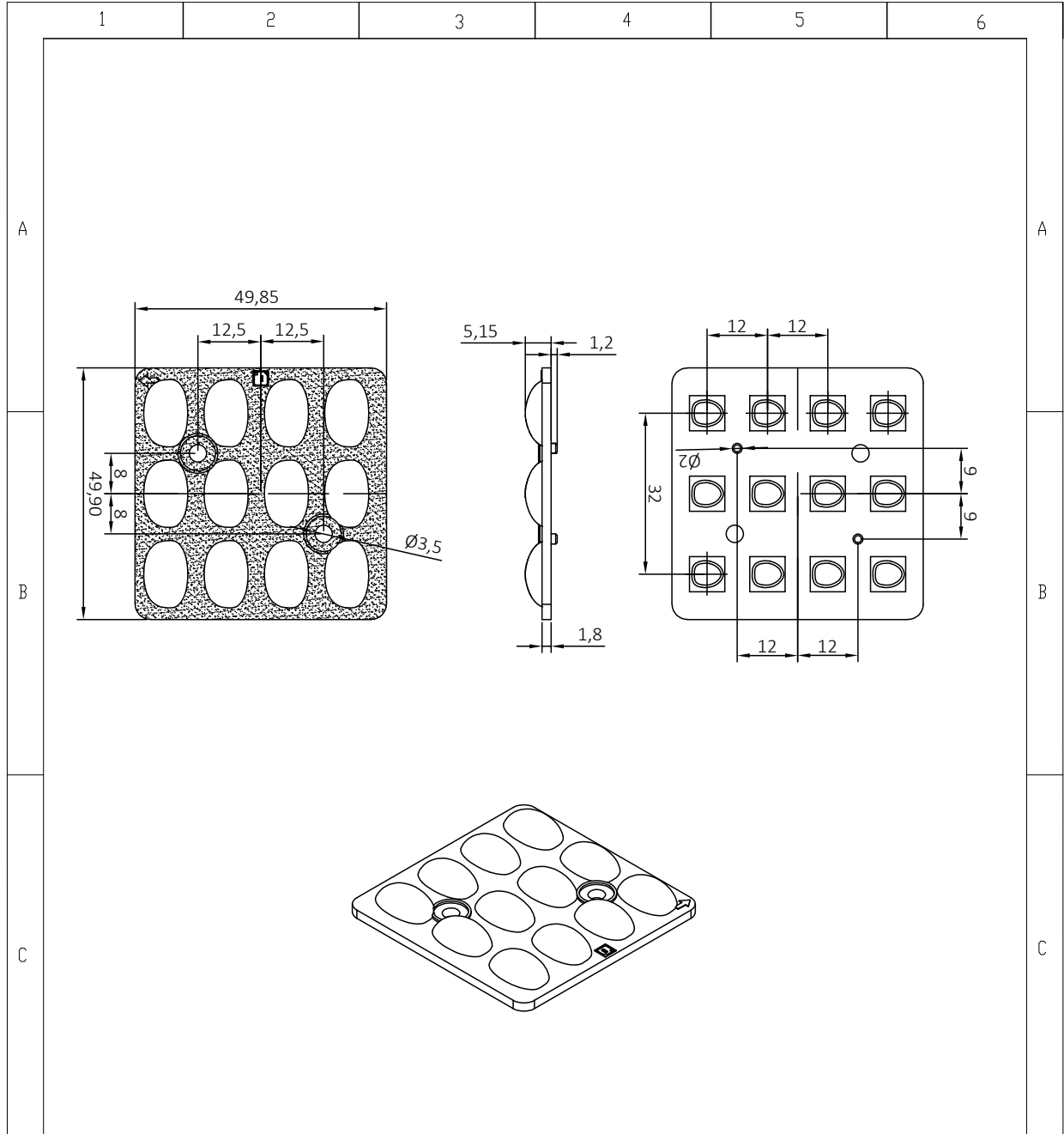
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SERBEST ÖLÇÜ TOLERANSLARI -DIN 2768-1 / General Tolerances for linear and angular dimensions (DIN ISO 2768-1)

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) PMMA	AGIRLIK (WEIGHT) -	
Revision	-			
Date	26.03.2021	TLS12NI-STL-ME3		OLÇEK / SCALE 1 / 1
Sheet				A4
Drawn By	Ibrahim OKMEN			
Checked By	Ibrahim OKMEN			
Approved By	Utku OZTURK			

TLS Teknoloji Sanayi ve Dis Ticaret AS

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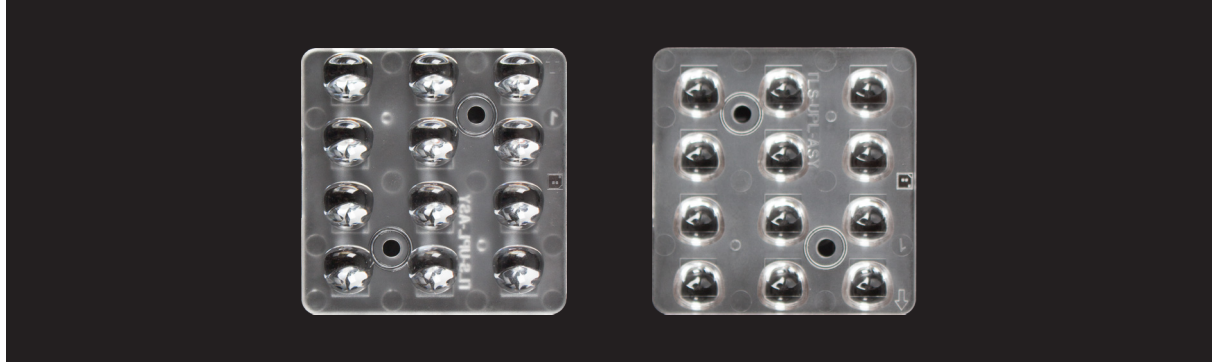
TLS12NI-UPL-ASYM-V1

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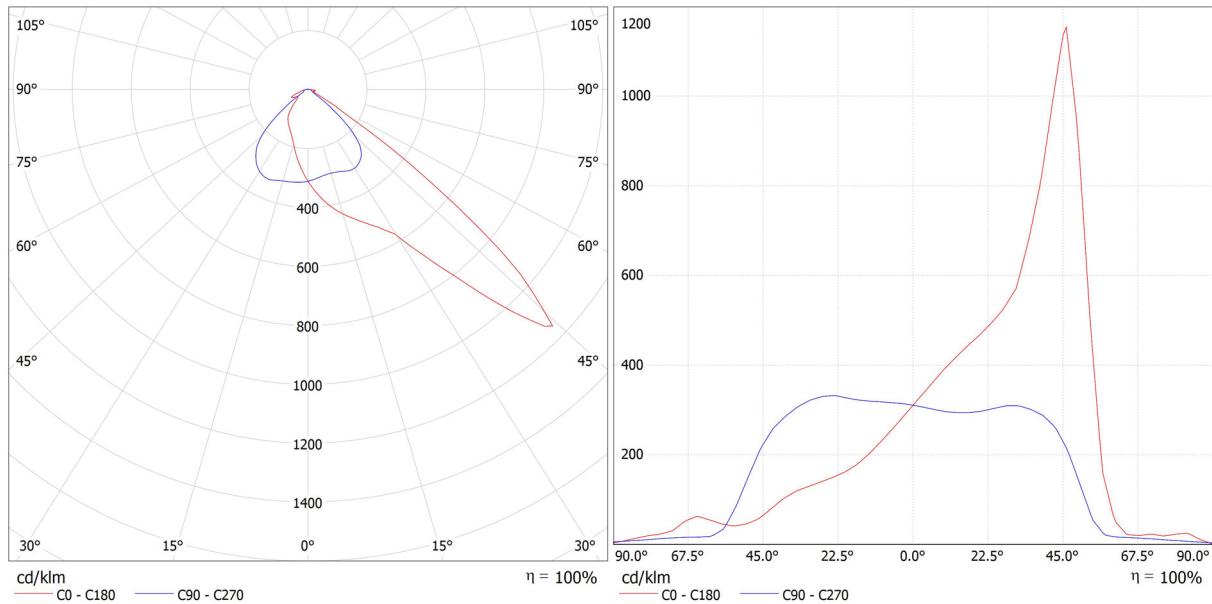
PRODUCT PICTURE



GENERAL SPECIFICATIONS

Product Code	TLS12NI-UPL-ASYM-V1
Description	Under Pass Lighting
Degree (FWHM)	ASYM
Efficiency	94%
Type	12 in 1
Size (mm) WxLxH	50x50x4.79 mm
Material / Operating Temp.	PMMA / -40 ° C ~ + 90 ° C max
Fastening	Screw
Box Size (mm) WxLxH	310x400x310
Box Quantity	900 pcs
Box Weight (g)	7400
Rohs Compliant	Yes
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 temperatures is 40 °C ~ + 105 °C for TLS12NI-UPL-ASYM-V1, under 110 °C for reflector.
- 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 before installing the lens, avoid to abrasion the lens surface.
- Forbid to use acidic or alkaline solution touch the product, avoid to generate the chemical reactions

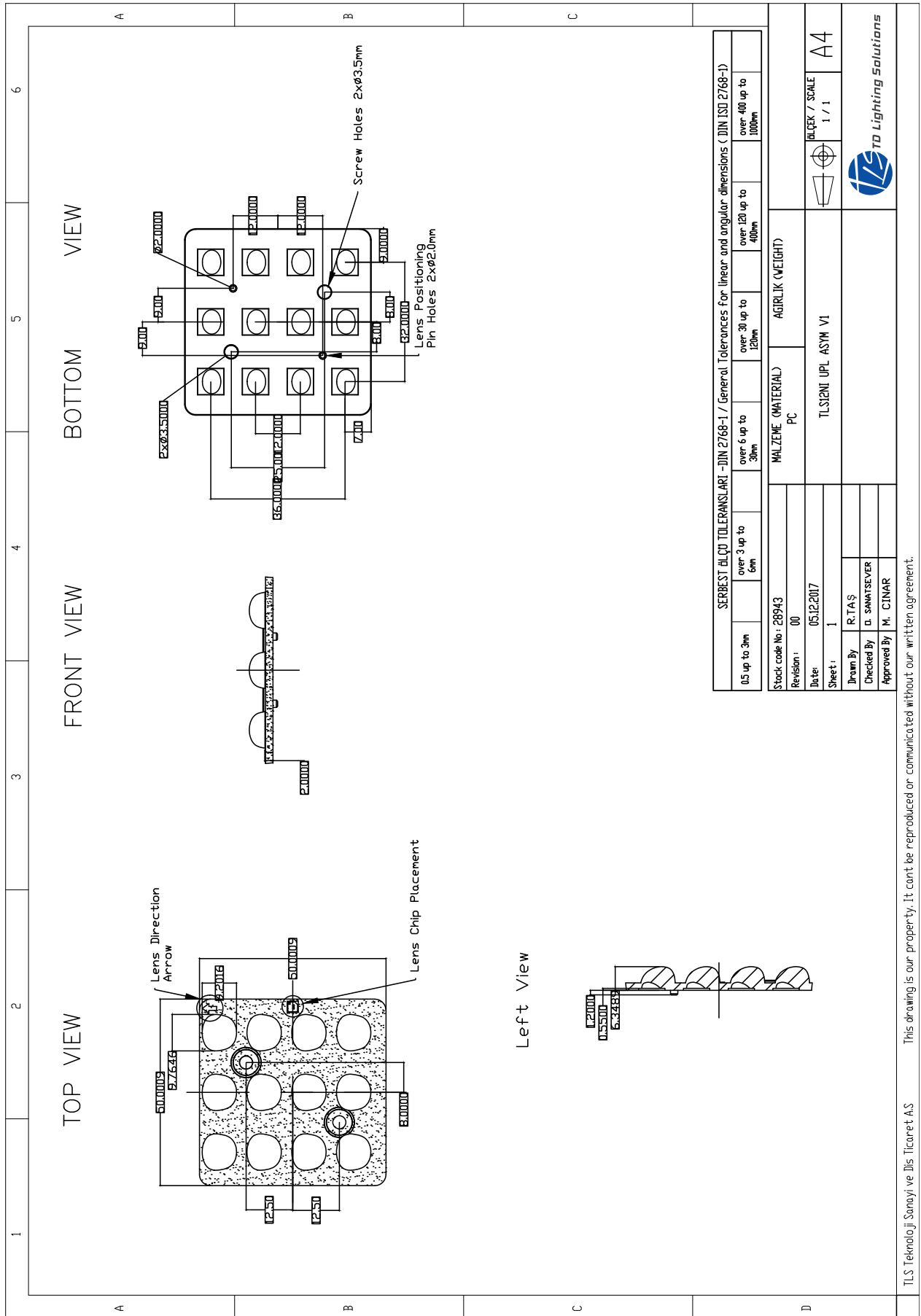
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CONTACT

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