

LIMBUS

CONTROL YOUR LIGHT



BY  *TD Lighting Solutions*

TLS33NI Linear Series

FAMILY DATASHEET

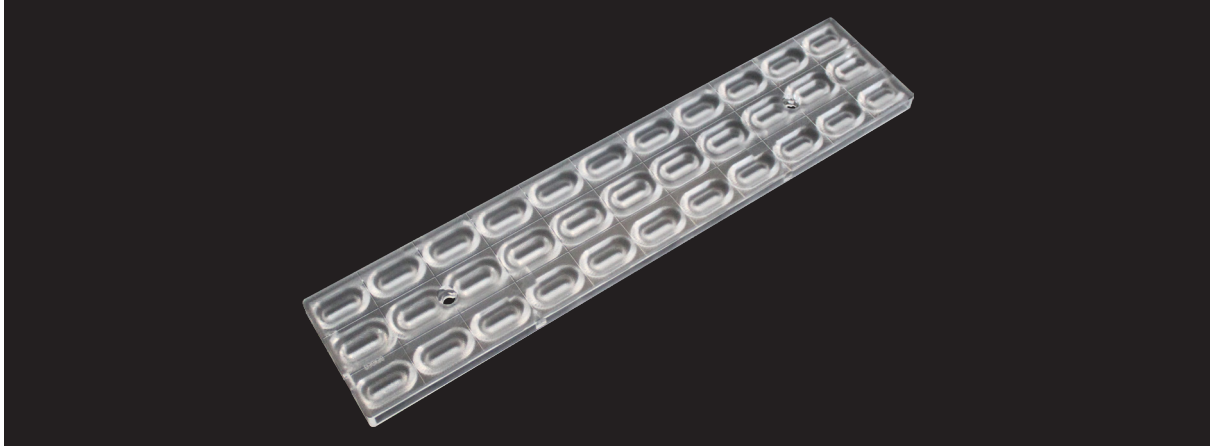
TLS33NI-W61L286-30x90

LED OPTIC DATASHEET

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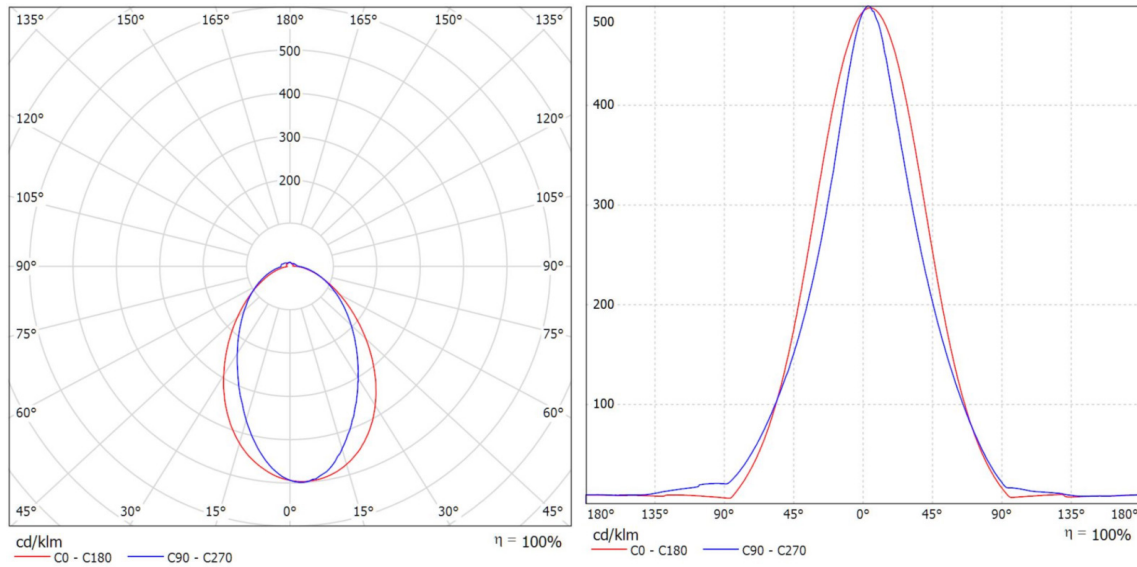
PRODUCT PICTURE



GENERAL SPECIFICATIONS

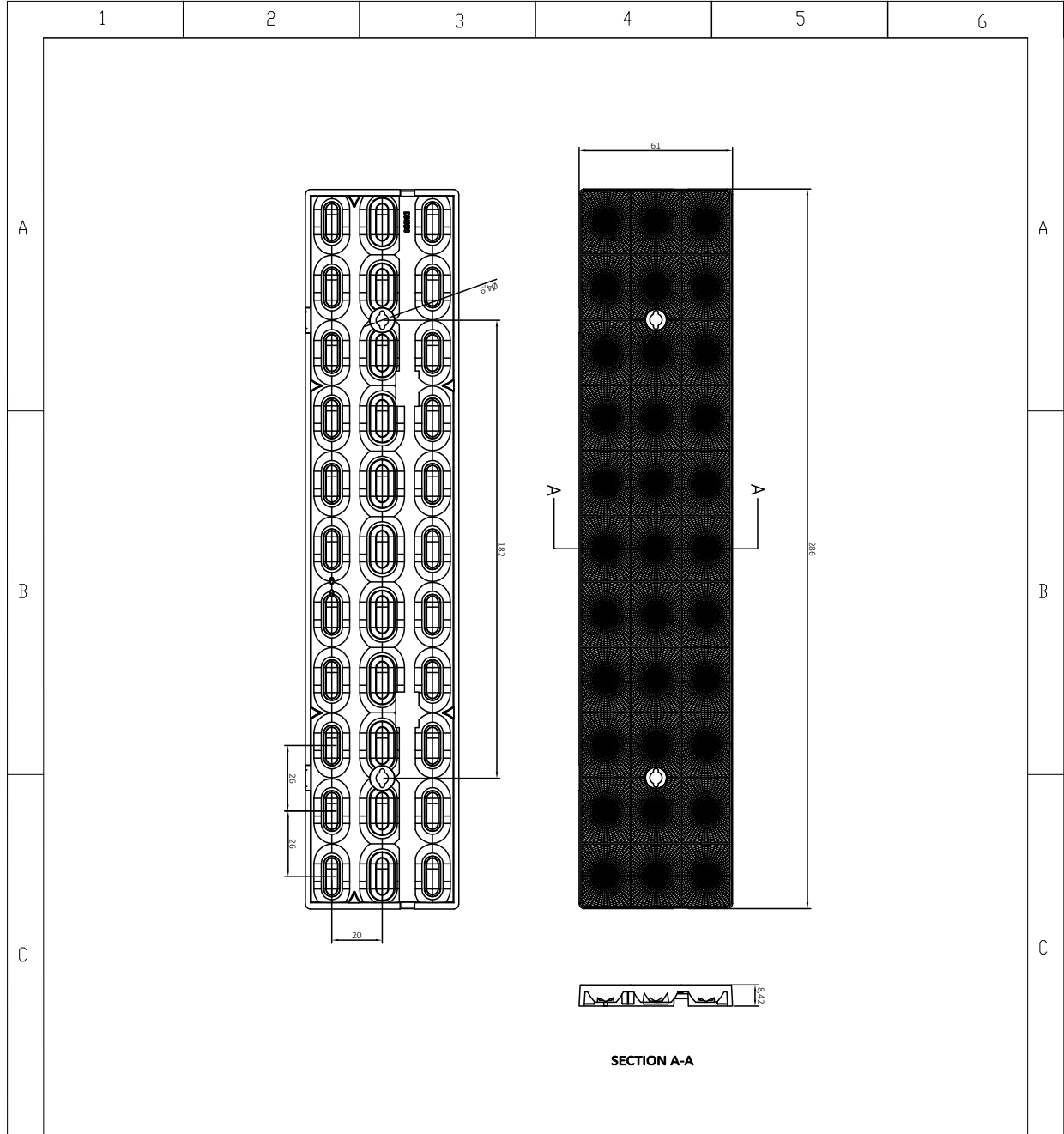
Product Code	TLS33NI-W61L286-30x90
Description	Highbay
Degree (FWHM)	30x90
Efficiency	92%
Type	33in1 (3x11)
Size (mm) W x L x H	61x286x8.5
Material / Operating Temp.	PMMA / -40 ° C ~ + 80 ° C max
Fastening	Screw
Rohs Complaint	Yes
Storage Temperature	0 ° C ~ 40 ° C max

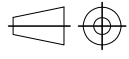


PHOTOMETRIC SPECIFICATIONS



APPLICATION NOTES

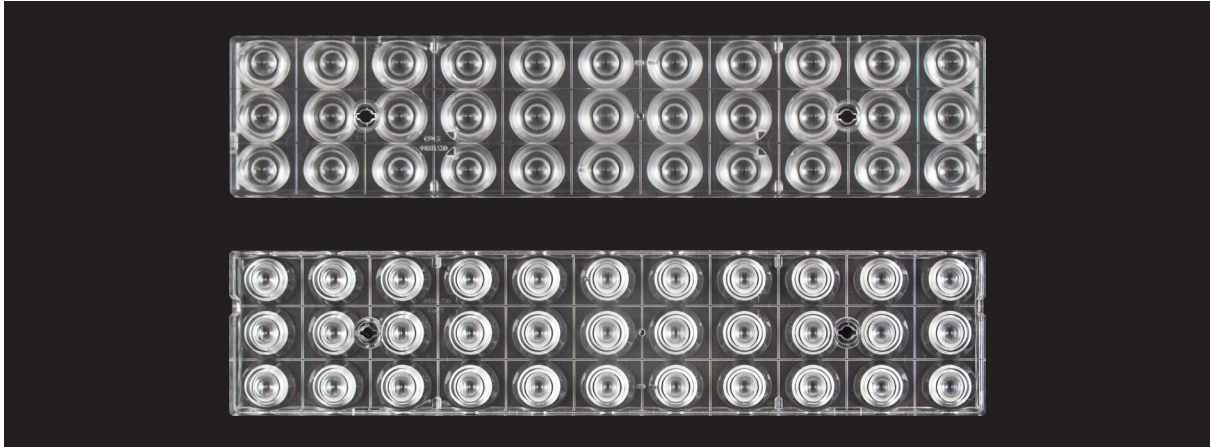
- Please use a little water and soft fabric (air-laid paper) to clean the lens & reflector if necessary.
- Forbid to use industrial solvent to clean the lens, such as alcohol.
- Storage environment temperature is 0°C~40°C, humidity is 30%~95%.
- Optic Lens has the function to change the ray of light, 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) PMMA		AGIRLIK (WEIGHT) -		
Revision	-				
Date	15.03.2021		TLS33NI-W61L286-30x90		
Sheet			 OLÇEK / SCALE 1 / 1		
Drawn By	Ibrahim OKMEN				
Checked By	Ibrahim OKMEN				
Approved By	Utku OZTURK				

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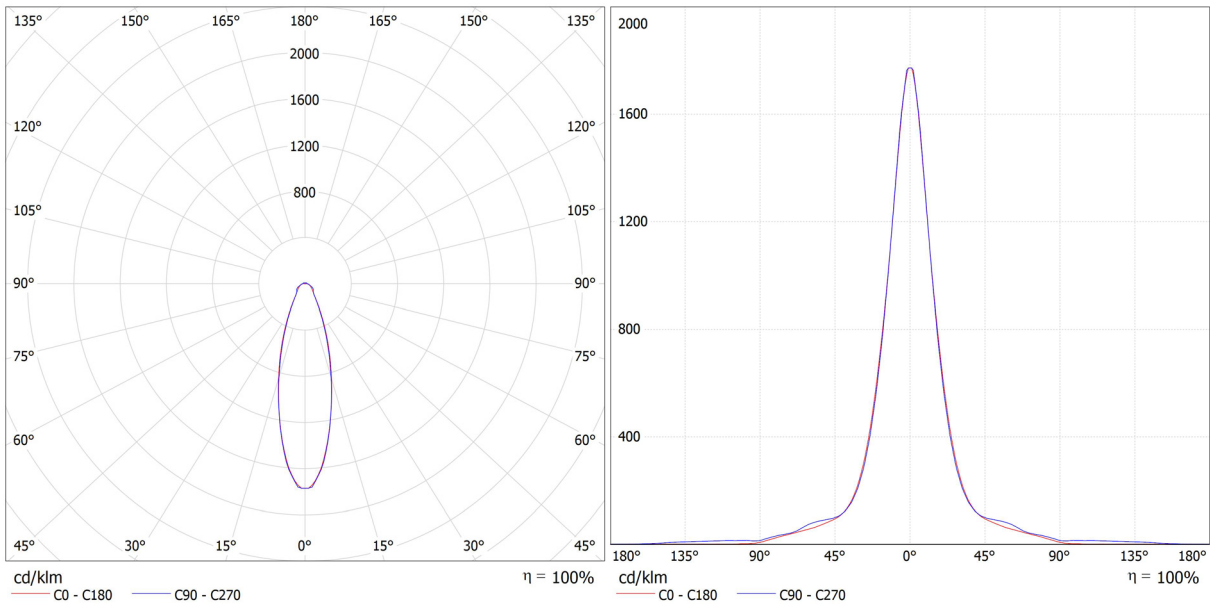
PRODUCT PICTURE



GENERAL SPECIFICATIONS

Product Code	TLS-33NI-W61L286-30
Description	Very High Bay Lighting
Degree (FWHM)	30°
Efficiency	92%
Type	33 in 1
Size (mm) W x L x H	61X286X8.6
Material	PMMA
Fastening	Screw
Box Size (mm) WxLxH	385x355x75
Box Quantity	10
Box Weight (g)	1100
Rohs Complaint	Yes
Operating Temperature	-25 °C ~ + 80 °C max
Storage Temperature	0 °C ~ 40 °C max

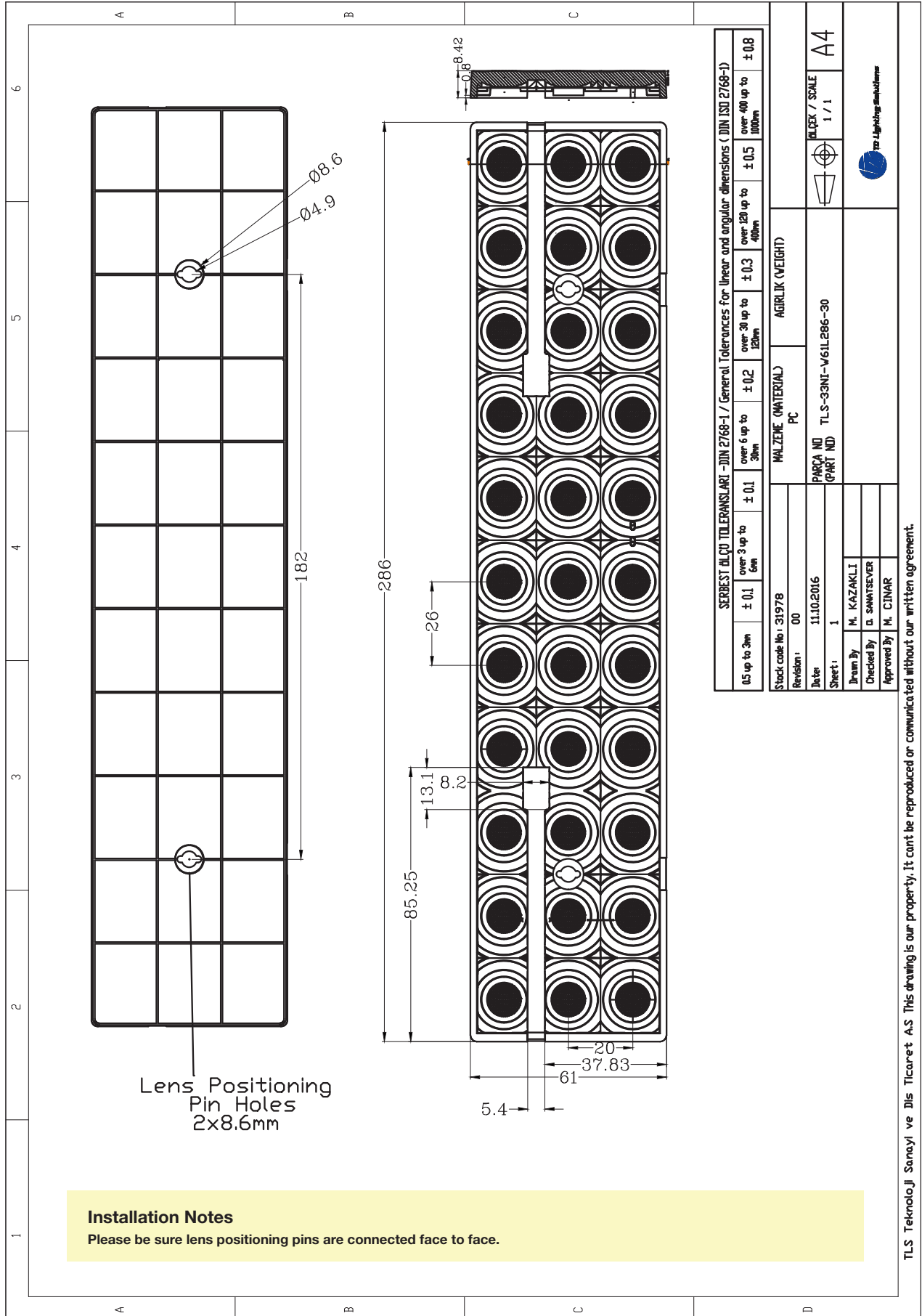
PHOTOMETRIC SPECIFICATIONS



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 for lens, under 120°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 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



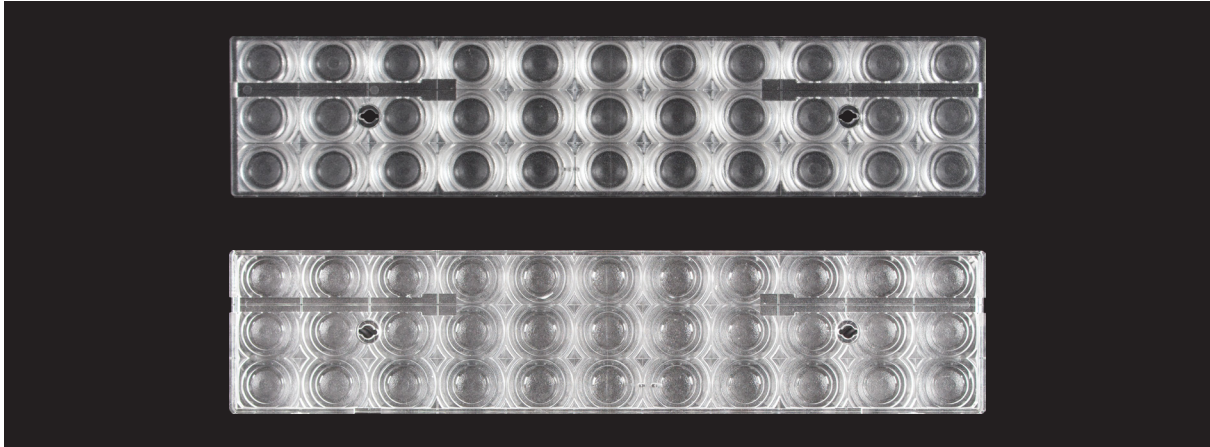
SERBEST BİLÇÜ TOLERANSLARI - DIN 2768-1 / General Tolerances for linear and angular dimensions (DIN ISO 2768-1)

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
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Stock code No.	31978	MALZEME (MATERIAL)	PC	AGIRLIK (WEIGHT)	
Revision	00	PARÇA NO (PART NO)	TLS-33NI-W61L286-30	BÜYÜK / SCALE	A4
Date	11.10.2016	Drawn By	M. KAZAKLI	1 / 1	
Sheet	1	Checked By	G. SAMATSEVER		
		Approved By	M. CINAR		

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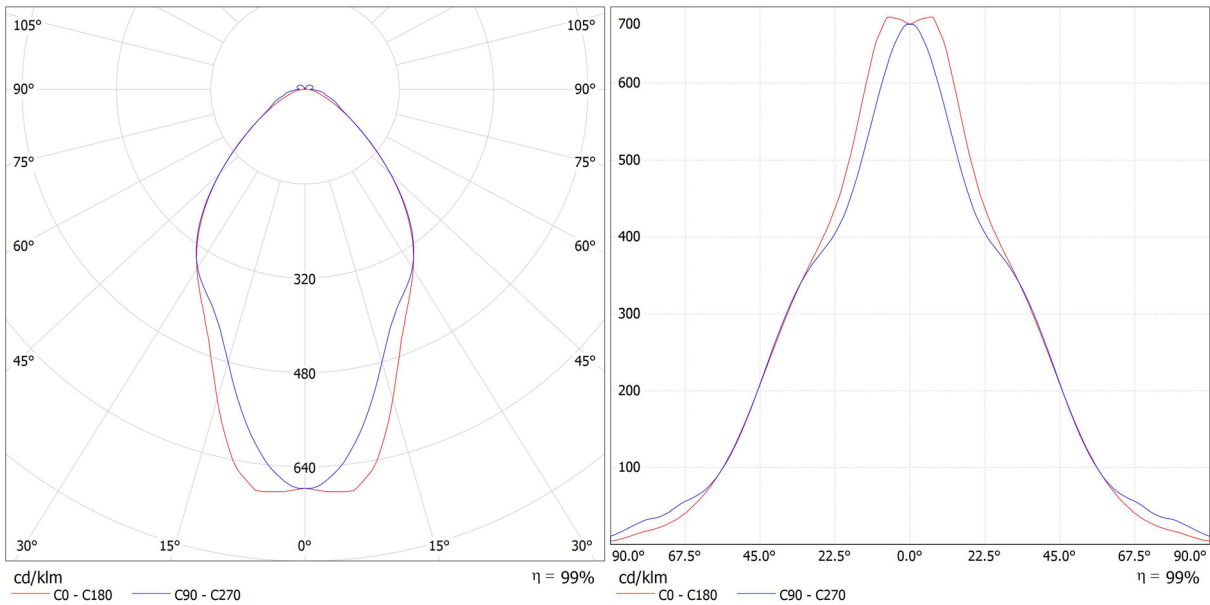
PRODUCT PICTURE



GENERAL SPECIFICATIONS

Product Code	TLS-33NI-W61L286-60
Description	High Bay Lighting
Degree (FWHM)	66°
Efficiency	93%
Type	33 in 1
Size (mm) WxLxH	61X286X8.6
Material	PMMA
Fastening	Screw
Box Size (mm) WxLxH	385x355x75
Box Quantity	10 pieces
Box Weight (g)	1100
Rohs Complaint	Yes
Operating Temperature	-25 °C ~ + 80 °C max
Storage Temperature	0 °C ~ + 40 °C max

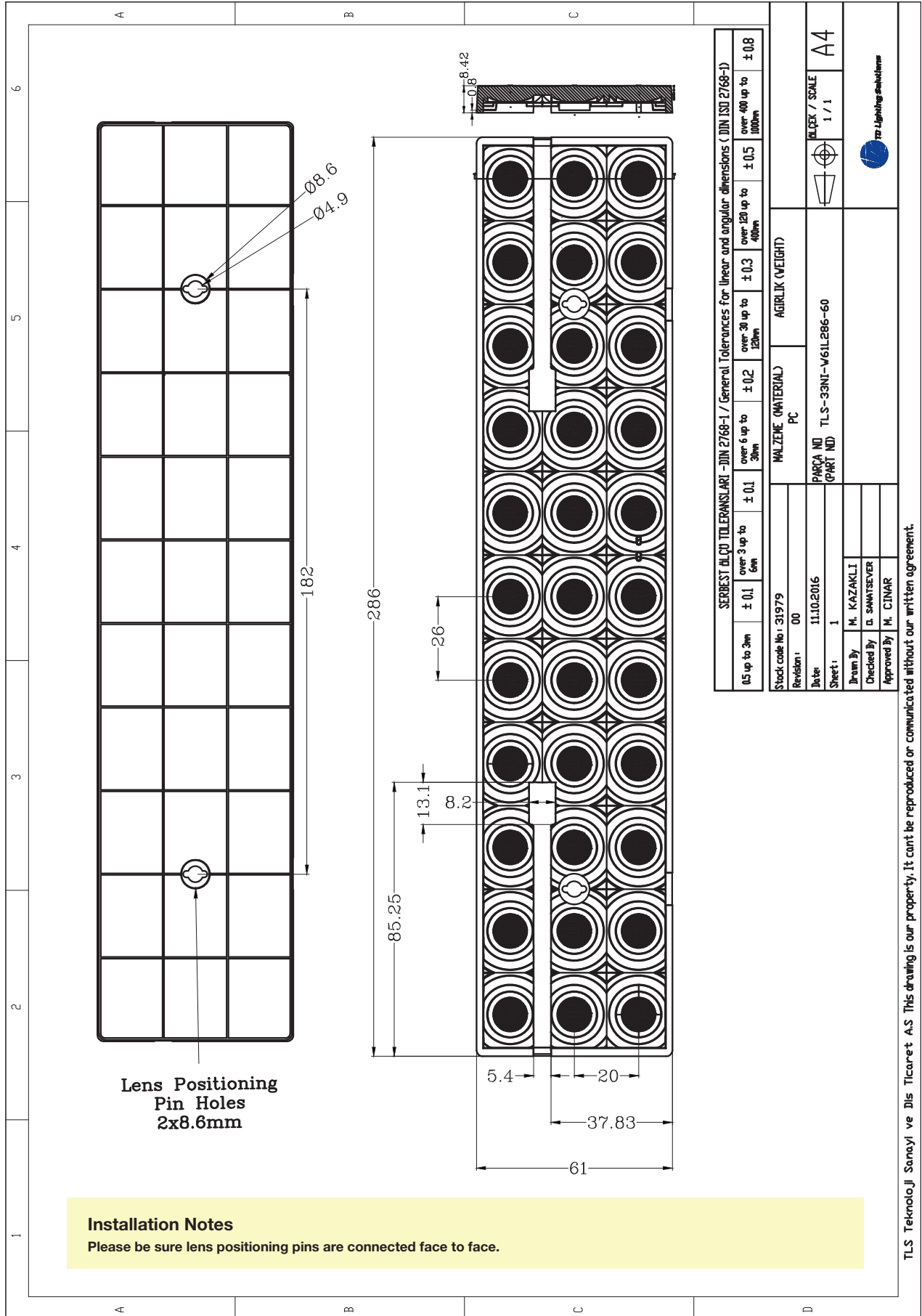
PHOTOMETRIC SPECIFICATIONS



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 for lens, under 120°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 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

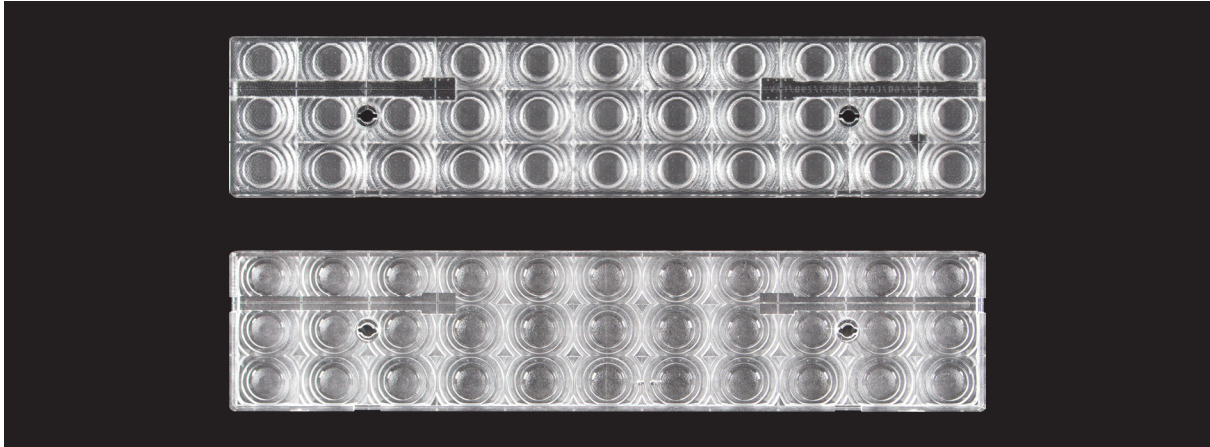


Installation Notes

Please be sure lens positioning pins are connected face to face.

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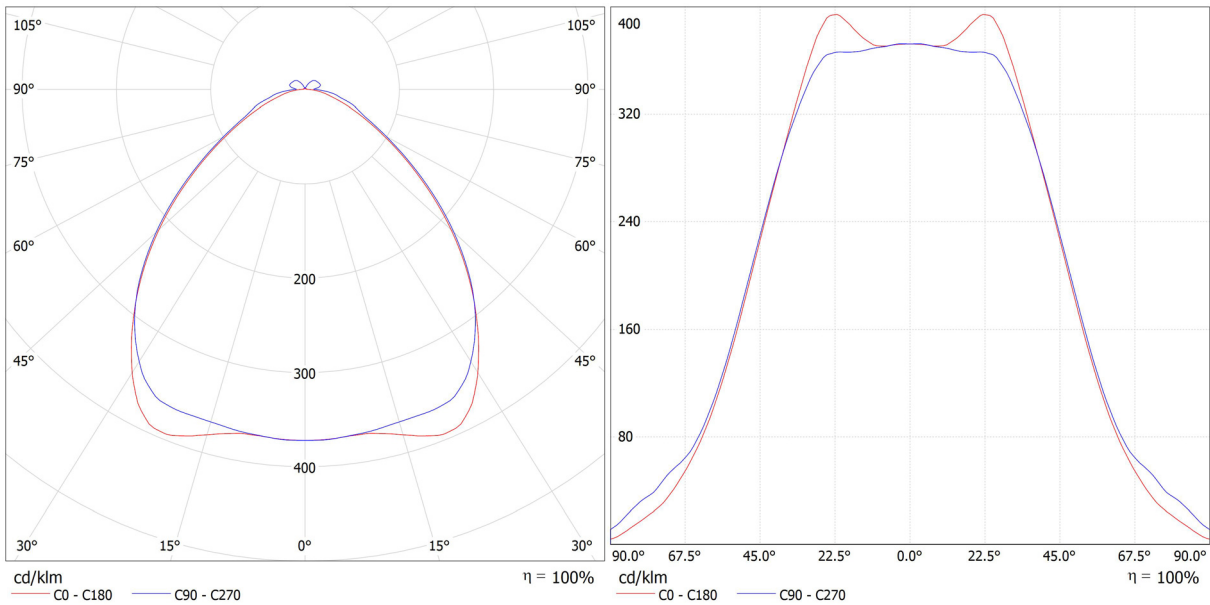
PRODUCT PICTURE



GENERAL SPECIFICATIONS

Product Code	TLS-33NI-W61L286-90
Description	Gas Station Lighting
Degree (FWHM)	99°
Efficiency	93%
Type	33 in 1
Size (mm) WxLxH	61X286X8.6
Material	PMMA
Fastening	Screw
Box Size (mm) WxLxH	385x355x75
Box Quantity	10
Box Weight (g)	1100
Rohs Complaint	Yes
Operating Temperature	-25 ° C ~ +80 °C max
Storage Temperature	0 ° C ~ +40 ° C max

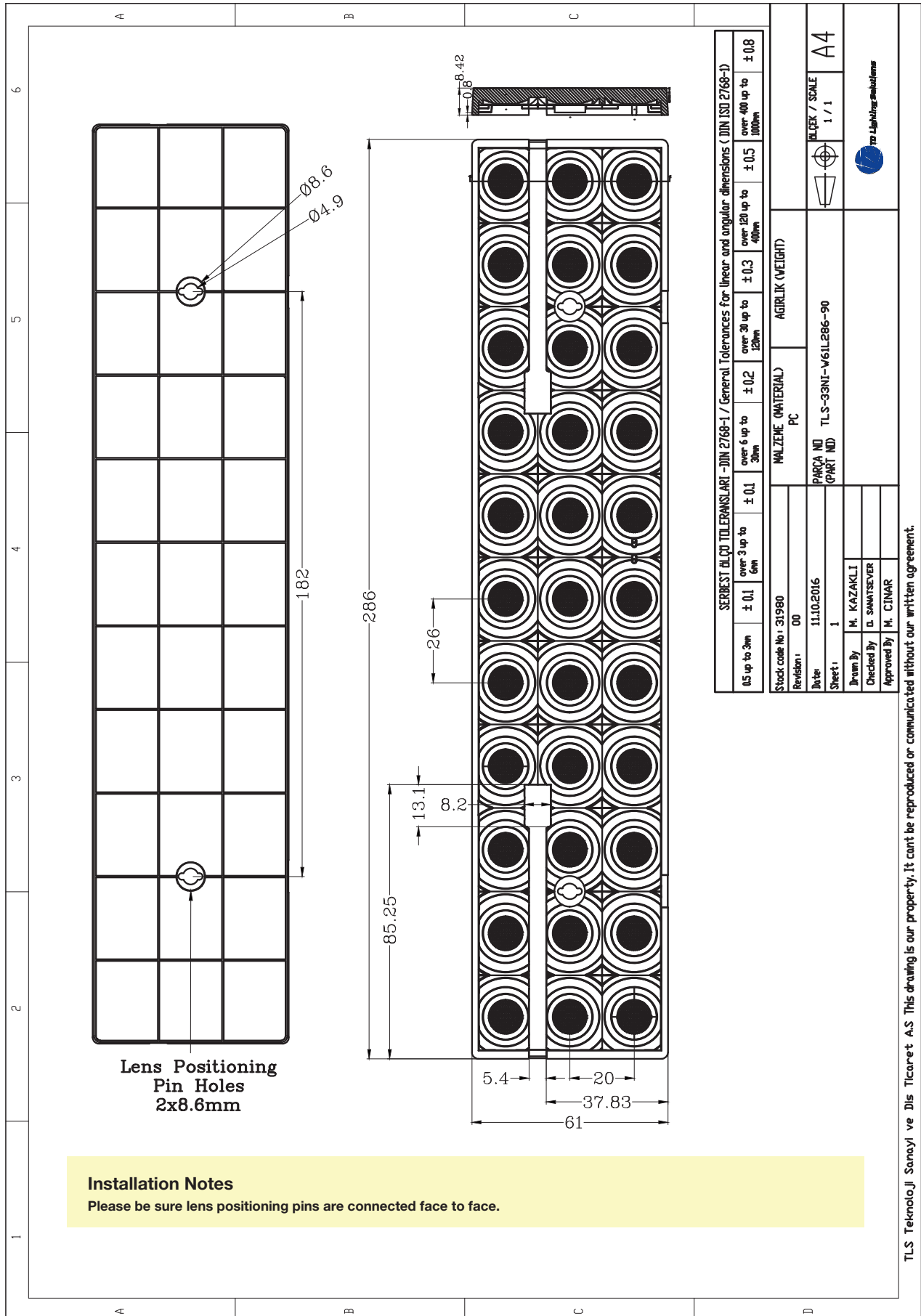
PHOTOMETRIC SPECIFICATIONS



APPLICATION NOTES

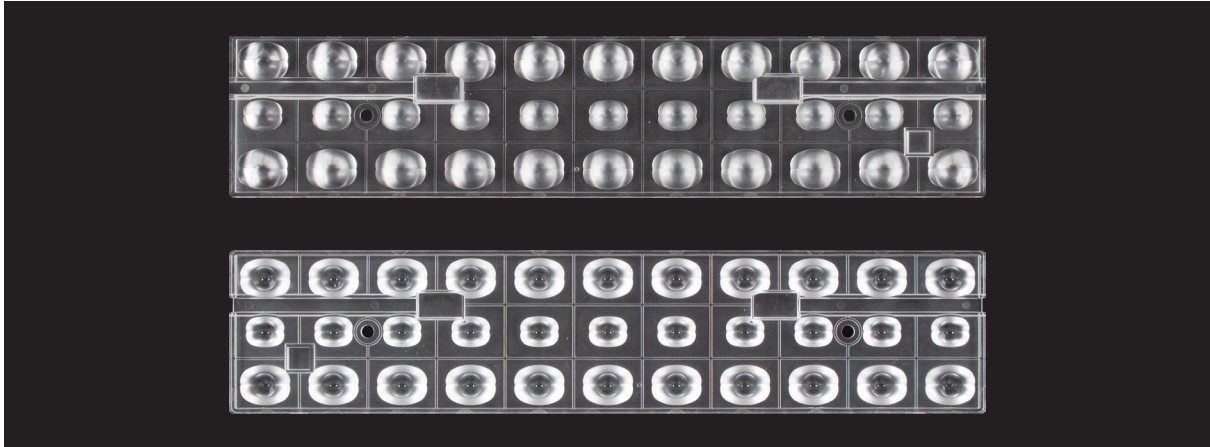
- Please use a litter water and soft fabric (air-laid paper) to clean the lens & reflector if necessary.
- Forbid to use industrial solvent to clean the lens, such as alcohol.
- The working temperature is -25°C ~ +80°C for lens, under 120°C for reflector.
- Storage environment temperature is 0°C~40°C, humidity is 30%~95%?
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- Please ware gloves once install the lens, avoid to abrasion the lens surface.
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MECHANICAL DRAWINGS



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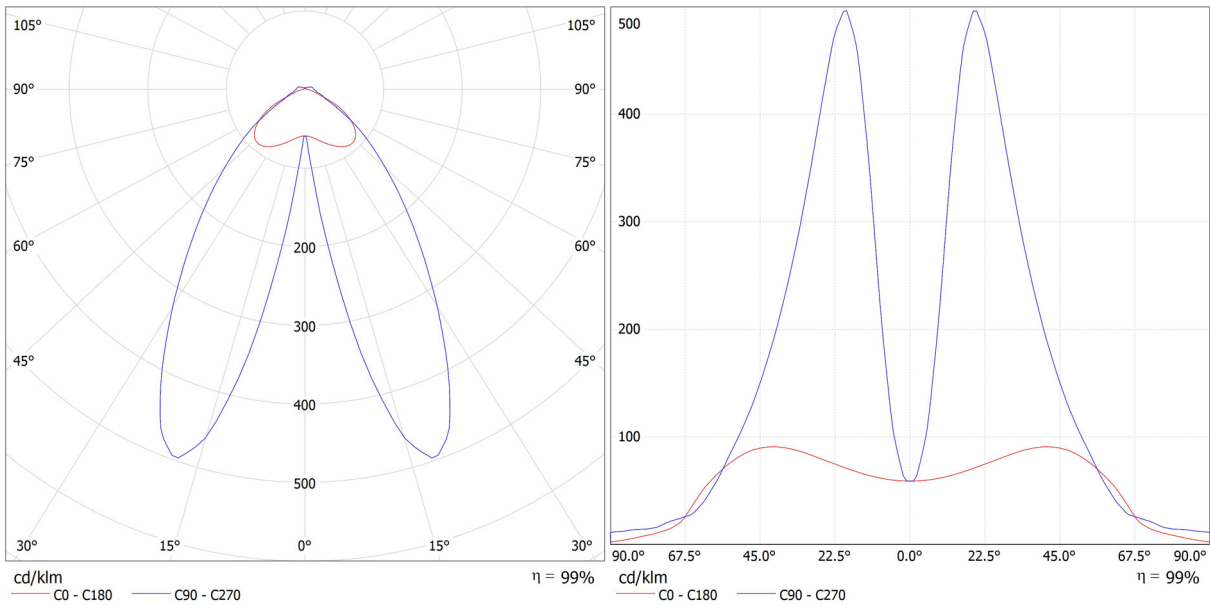
PRODUCT PICTURE



GENERAL SPECIFICATIONS

Product Code	TLS-33NI-W61L286-SYM
Description	Shop Lighting
Degree (FWHM)	Asymetric
Efficiency	93%
Type	33 in 1
Size (mm) WxLxH	61X268X12.1
Material	PMMA
Fastening	Screw
Box Size (mm) WxLxH	385x355x75
Box Quantity	10
Box Weight (g)	1100
Rohs Complaint	Yes
Operating Temperature	-25 °C ~ + 80 °C max
Storage Temperature	0 ° C ~ + 40 ° C max

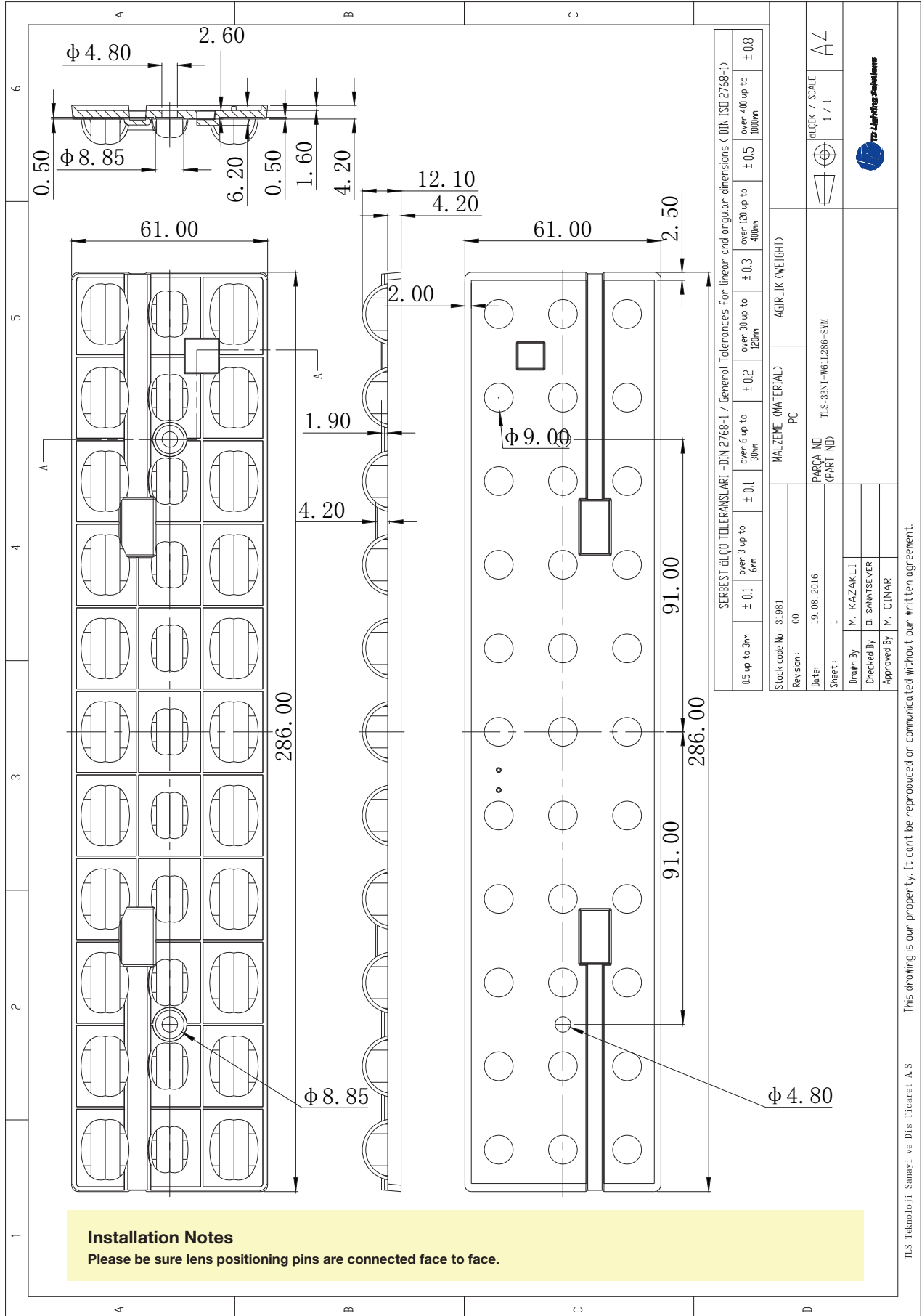
PHOTOMETRIC SPECIFICATIONS



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.
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MECHANICAL DRAWINGS



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