

TLS01NI-D78 Series

BY

TD Lighting Solutions

FAMILY DATASHEET

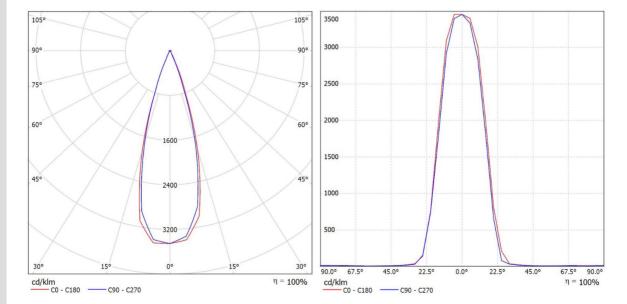
TLS01NI-D78-45-AG-GL with LEDVANCE LVCOB VAL-050-1208 LED OPTIC DATASHEET



PRODUCT PICTURE

Product Code	TLS01NI-D78-45-AG-GL
Description	Highbay Lighting
Degree (FWHM)	31°
Efficiency	87%
Туре	Single Optic -IP
Size (mm) ØxH	78x47 mm
Material / Operating Temp.	Optical Grade Glass / -40 ° C ~ + 500 ° C max
Fastening	Screw
Box Size (mm) W x L x H	
Box Quantity	pcs
Box Weight (g)	
Rohs Complaint	Yes
Storage Temperature	0 ° C ~ 40 ° C max
COB LED	LEDVANCE COB 1208





- 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. .
- 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. •

APPLICATION NOTES

TLS01NI-D78-45-AG-GL with LEDVANCE LVCOB VAL-087-1211

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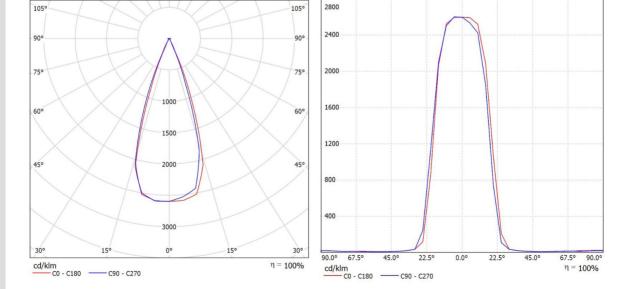


PRODUCT PICTURE

Product Code	TLS01NI-D78-45-AG-GL
Description	Highbay Lighting
Degree (FWHM)	38°
Efficiency	93%
Туре	Single Optic -IP
Size (mm) ØxH	78x47 mm
Material / Operating Temp.	Optical Grade Glass / -40 ° C ~ + 500 ° C max
Fastening	Screw
Box Size (mm) W x L x H	
Box Quantity	pcs
Box Weight (g)	
Rohs Complaint	Yes
Storage Temperature	0 ° C ~ 40 ° C max
COB LED	LEDVANCE COB 1211

PHOTOMETRIC SPECIFICATIONS

APPLICATION NOTES



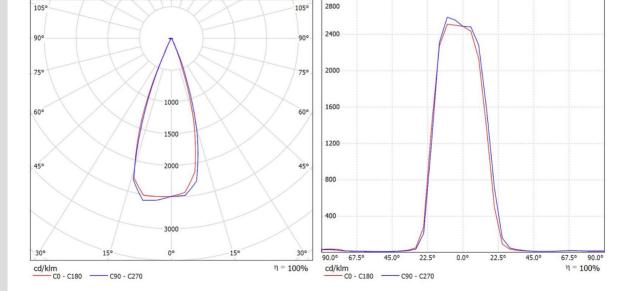
- Please use a litter water and soft fabric (air-laid paper) to clean the lens & reflector if necessary.
- Forbid to use industrial solvent to clean the lens, such as alcohol. .
- Storage environment temperature is 0°C~40°C,humidity is 30%~95%. .
- Optic Lens has the function to change the ray of light,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

TLS01NI-D78-45-AG-GL with LUMILEDS LUXEON COB 1211



LED OPTIC DATASHEET

Product Code	TLS01NI-D78-45-AG-GL
Description	Highbay Lighting
Degree (FWHM)	36°
Efficiency	90%
Туре	Single Optic -IP
Size (mm) ØxH	78x47 mm
Material / Operating Temp.	Optical Grade Glass / -40 ° C ~ + 500 ° C max
Fastening	Screw
Box Size (mm) W x L x H	
Box Quantity	pcs
Box Weight (g)	
Rohs Complaint	Yes
Storage Temperature	0 ° C ~ 40 ° C max

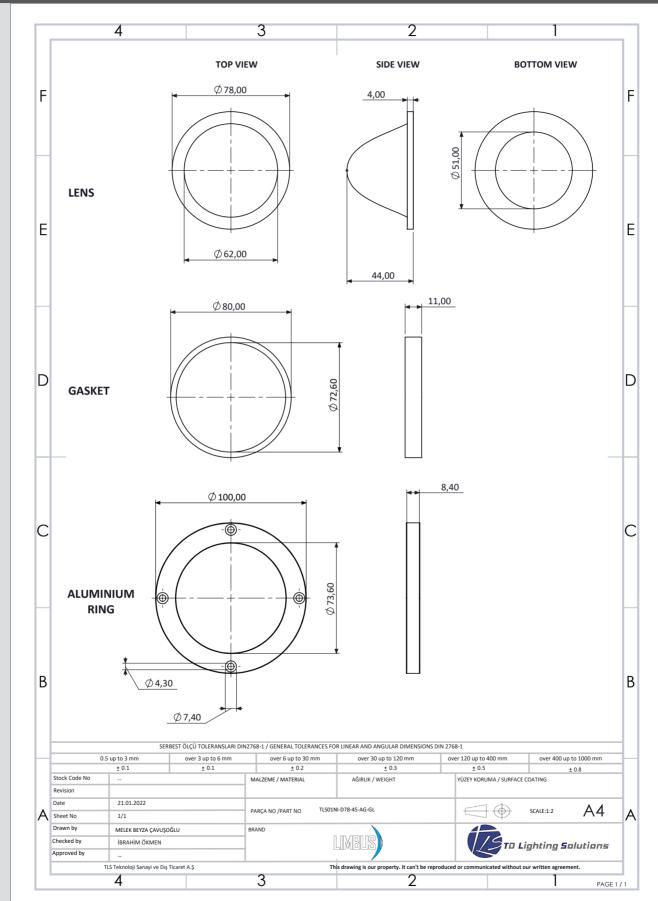


- Please use a litter water and soft fabric (air-laid paper) to clean the lens & reflector if necessary.
- Forbid to use industrial solvent to clean the lens, such as alcohol. .
- Storage environment temperature is 0°C~40°C, humidity is 30%~95%. .
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- Please ware gloves once install the lens, avoid to abrasion the lens surface.
- Forbid to use acidic or alkaline solution touch the product, avoid to generate the chemical reactions. •

TLS01NI-D78-45-AG-GL

LED OPTIC DATASHEET

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TLS01NI-D78-60-AG-GL with LEDVANCE LVCOB VAL-050-1208 LED OPTIC DATASHEET



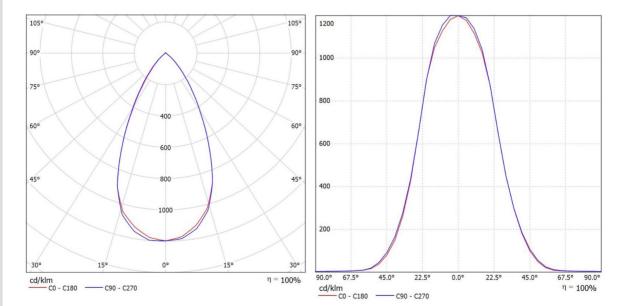
PRODUCT PICTURE

Storage Temperature

COB LED

Product Code	TLS01NI-D78-60-AG-GL
Description	Highbay Lighting
Degree (FWHM)	52°
Efficiency	92%
Туре	Single Optic -IP
Size (mm) ØxH	78x43 mm
Material / Operating Temp.	Optical Grade Glass / -40 ° C ~ + 500 ° C max
Fastening	Screw
Box Size (mm) W x L x H	
Box Quantity	pcs
Box Weight (g)	
Dox weight (g)	





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

0 ° C ~ 40 ° C max

LEDVANCE 1208 COB

- 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 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.

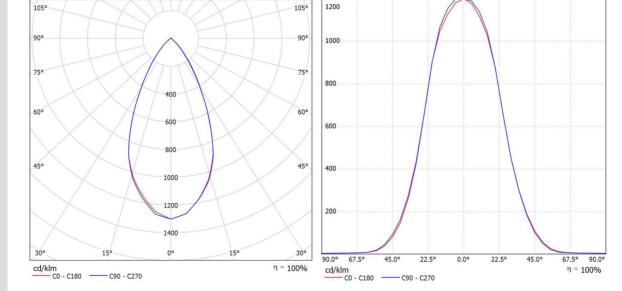
TLS01NI-D78-60-AG-GL with LEDVANCE LVCOB VAL-087-1211

LED OPTIC DATASHEET



PRODUCT PICTURE

	0 0
Product Code	TLS01NI-D78-60-AG-GL
Description	Highbay Lighting
Degree (FWHM)	51°
Efficiency	90%
Туре	Single Optic -IP
Size (mm) ØxH	78x47 mm
Material / Operating Temp.	Optical Grade Glass / -40 ° C ~ + 500 ° C max
Fastening	Screw
Box Size (mm) W x L x H	
Box Quantity	pcs
Box Weight (g)	
Rohs Complaint	Yes
Storage Temperature	0 ° C ~ 40 ° C max
COB LED	LEDVANCE COB 1211



- 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.
- Storage environment temperature is $0^{\circ}C^{\sim}40^{\circ}C$, humidity is $30\%^{\sim}95\%$.
- 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.

TLS01NI-D78-60-AG-GL with LUMILEDS LUXEON COB 1211



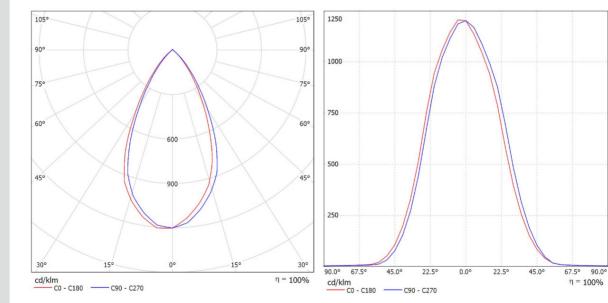
PRODUCT PICTURE

Storage Temperature

COB LED

Product Code	TLS01NI-D78-60-AG-GL
Description	Highbay Lighting
Degree (FWHM)	53°
Efficiency	92%
Туре	Single Optic -IP
Size (mm) ØxH	78x47 mm
Material / Operating Temp.	Optical Grade Glass / -40 ° C ~ + 500 ° C max
Fastening	Screw
Box Size (mm) W x L x H	
Box Quantity	pcs
Box Weight (g)	
Rohs Complaint	Yes





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

0 ° C ~ 40 ° C max

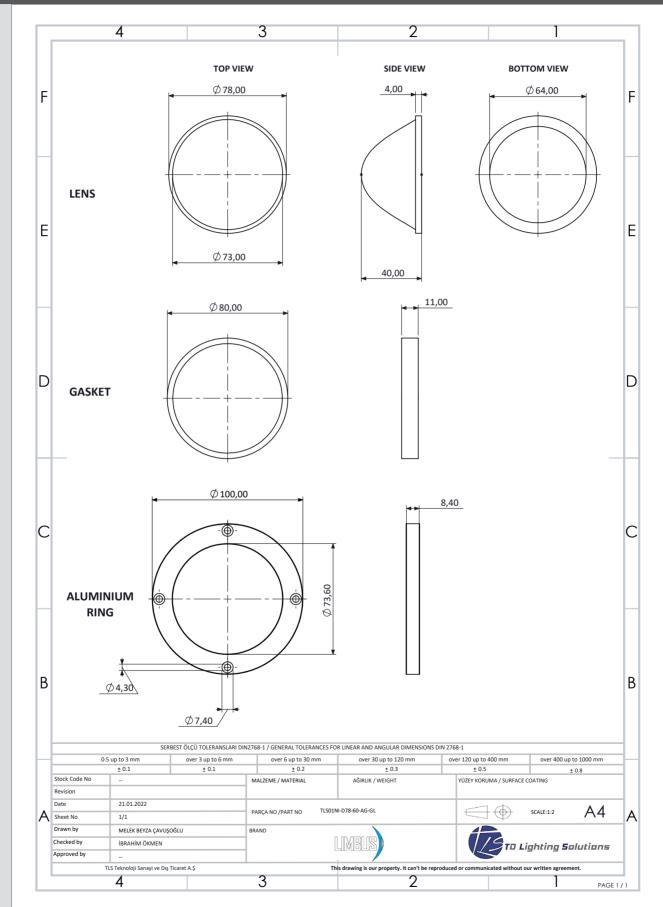
LUXEON COB 1211 GEN4

- 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 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.

TLS01NI-D78-60-AG-GL

LED OPTIC DATASHEET

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TLS01NI-D78-90-AG-GL with LEDVANCE LVCOB VAL-050-1208

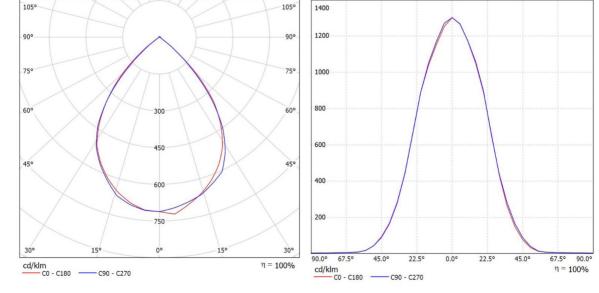


PRODUCT PICTURE

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TLS01NI-D78-90-AG-GL
Highbay Lighting
78°
90%
Single Optic -IP
78x33 mm
Optical Grade Glass / -40 ° C ~ + 500 ° C max
Screw
pcs
Yes
0 ° C ~ 40 ° C max
LEDVANCE 1208 COB

PHOTOMETRIC SPECIFICATIONS

APPLICATION NOTES



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

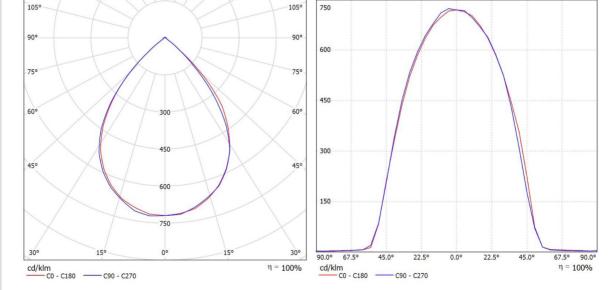
TLS01NI-D78-90-AG-GL with LEDVANCE LVCOB VAL-087-1211

LED OPTIC DATASHEET



PRODUCT PICTURE

Product Code	TLS01NI-D78-90-AG-GL
Description	Highbay Lighting
Degree (FWHM)	78°
Efficiency	92%
Туре	Single Optic -IP
Size (mm) ØxH	78x47 mm
Material / Operating Temp.	Optical Grade Glass / -40 ° C ~ + 500 ° C max
Fastening	Screw
Box Size (mm) W x L x H	
Box Quantity	pcs
Box Weight (g)	
Rohs Complaint	Yes
Storage Temperature	0 ° C ~ 40 ° C max
COB LED	LEDVANCE COB 1211



- 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.
- Storage environment temperature is $0^{\circ}C^{4}0^{\circ}C$, humidity is $30\%^{9}5\%$.
- 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.

TLS01NI-D78-90-AG-GL with LUMILEDS LUXEON COB 1211



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LED OPTIC DATASHEET

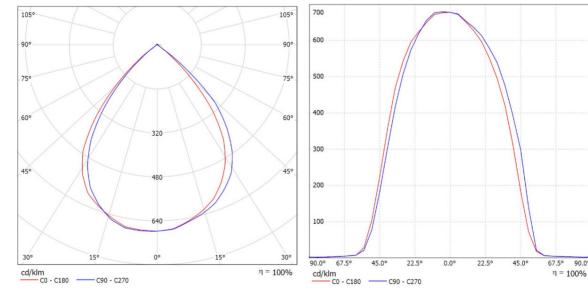
Storage Temperature

COB LED

Product Code	TLS01NI-D78-90-AG-GL
Description	Highbay Lighting
Degree (FWHM)	81°
Efficiency	93%
Туре	Single Optic -IP
Size (mm) ØxH	78x47 mm
Material / Operating Temp.	Optical Grade Glass / -40 ° C ~ + 500 ° C max
Fastening	Screw
Box Size (mm) W x L x H	
Box Quantity	pcs
Box Weight (g)	
Rohs Complaint	Yes



APPLICATION NOTES



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

0 ° C ~ 40 ° C max

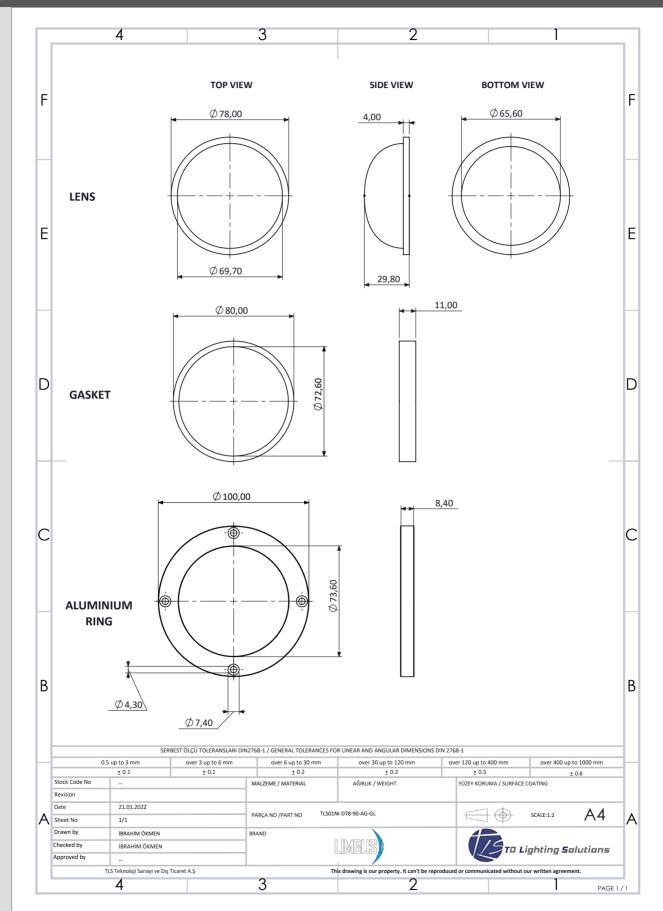
LUXEON COB 1211 GEN4

- 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 ware gloves once install the lens, avoid to abrasion the lens surface.
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TLS01NI-D78-90-AG-GL

LED OPTIC DATASHEET

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TLS01NI-D78-120-AG-GL with LEDVANCE LVCOB VAL-050-1208 LED OPTIC DATASHEET



PRODUCT PICTURE

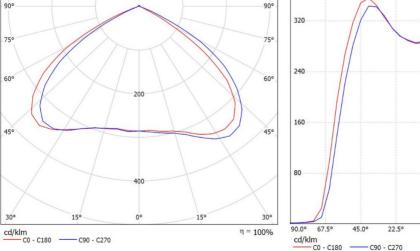
Product Code	TLS01NI-D78-120-AG-GL
Description	Highbay Lighting
Degree (FWHM)	116°
Efficiency	92%
Туре	Single Optic -IP
Size (mm) ØxH	78x33 mm
Material / Operating Temp.	Optical Grade Glass / -40 ° C ~ + 500 ° C max
Fastening	Screw
Box Size (mm) W x L x H	
Box Quantity	pcs
Box Weight (g)	
Rohs Complaint	Yes
Storage Temperature	0 ° C ~ 40 ° C max
COB LED	LEDVANCE COB 1208

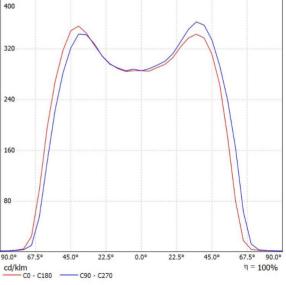
105°

PHOTOMETRIC SPECIFICATIONS

APPLICATION NOTES

105°





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

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- Protect the product from the sun and other ultraviolet ray, as these will lead to aging, change color, crack, etc.
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TLS01NI-D78-120-AG-GL with LEDVANCE LVCOB VAL-087-1211 LED OPTIC DATASHEET

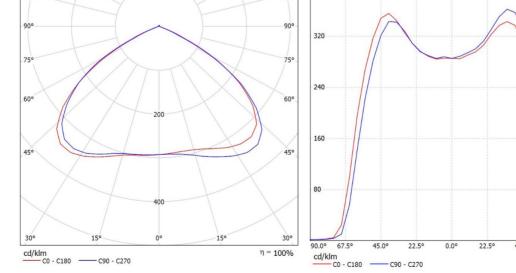


PRODUCT PICTURE

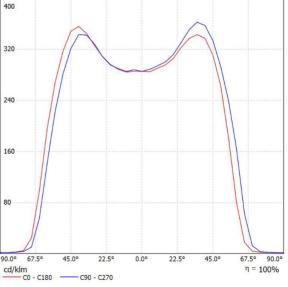
Product Code	TLS01NI-D78-120-AG-GL
Description	Highbay Lighting
Degree (FWHM)	117°
Efficiency	93%
Туре	Single Optic -IP
Size (mm) ØxH	78x47 mm
Material / Operating Temp.	Optical Grade Glass / -40 ° C ~ + 500 ° C max
Fastening	Screw
Box Size (mm) W x L x H	
Box Quantity	pcs
Box Weight (g)	
Rohs Complaint	Yes
Storage Temperature	0 ° C ~ 40 ° C max
COB LED	LEDVANCE COB 1211

PHOTOMETRIC SPECIFICATIONS

105°



105°



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

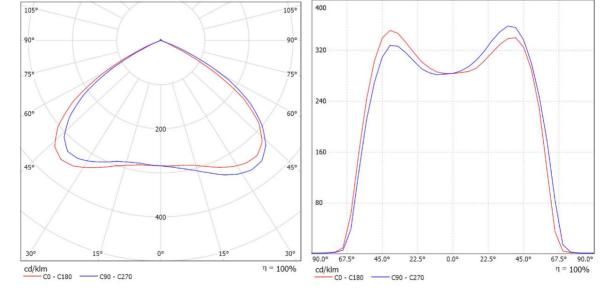
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- Forbid to use acidic or alkaline solution touch the product, avoid to generate the chemical reactions.

TLS01NI-D78-120-AG-GL with LUMILEDS LUXEON COB 1211 LED OPTIC DATASHEET



TLS01NI-D78-120-AG-GL
Highbay Lighting
117°
93%
Single Optic -IP
78x47 mm
Optical Grade Glass / -40 ° C ~ + 500 ° C max
Screw
pcs
Yes
0 ° C ~ 40 ° C max
LUXEON COB 1211 GEN4



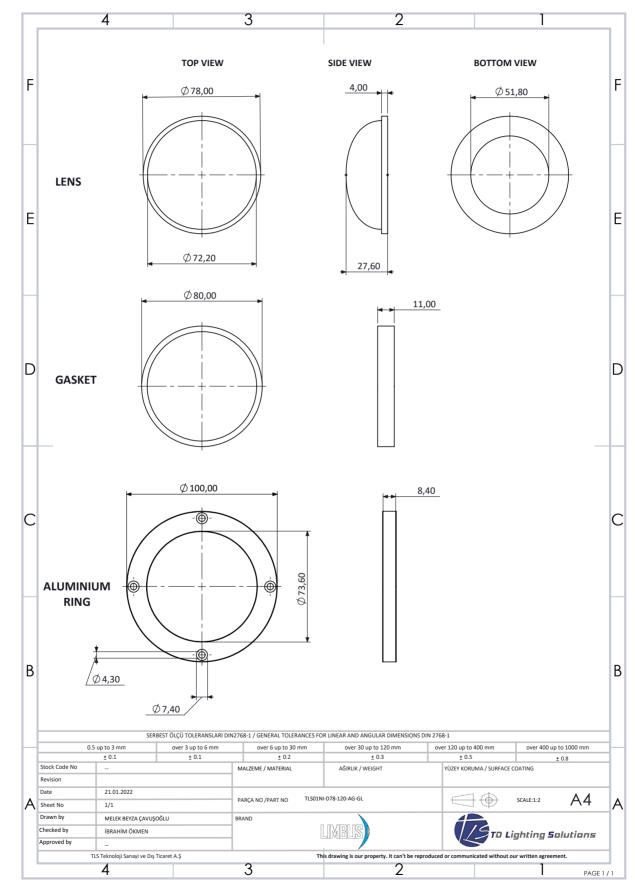


- Please use a litter water and soft fabric (air-laid paper) to clean the lens & reflector if necessary.
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- Storage environment temperature is 0°C~40°C, humidity is 30%~95%.
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TLS01NI-D78-120-AG-GL

LED OPTIC DATASHEET

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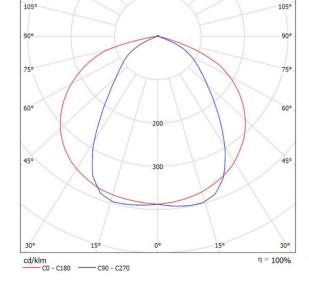


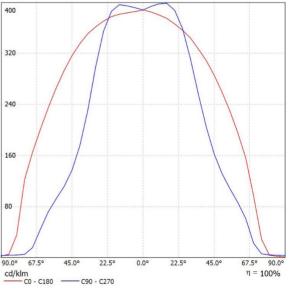
TLS01NI-D78-130x80-GL with LEDVANCE LVCOB VAL-050-1208 LED OPTIC DATASHEET



PRODUCT PICTURE

Product Code	TLS01NI-D78-130X80-GL
Description	Highbay Lighting
Degree (FWHM)	126x78°
Efficiency	92%
Туре	Single Optic -IP
Size (mm) ØxH	78x31 mm
Material / Operating Temp.	Optical Grade Glass / -40 ° C ~ + 500 ° C max
Fastening	Screw
Box Size (mm) W x L x H	
Box Quantity	pcs
Box Weight (g)	
Rohs Complaint	Yes
Storage Temperature	0 ° C ~ 40 ° C max
COB LED	LEDVANCE COB 1208





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

TLS01NI-D78-130x80-GL with LEDVANCE LVCOB VAL-087-1211

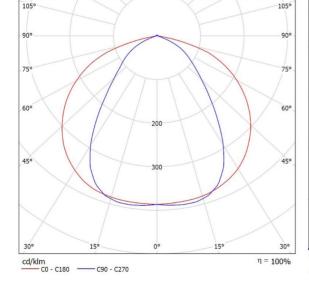
LED OPTIC DATASHEET

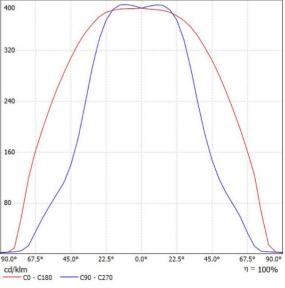


PRODUCT PICTURE

Product Code	TLS01NI-D78-130X80-GL
Description	Highbay Lighting
Degree (FWHM)	126x78°
Efficiency	93%
Туре	Single Optic -IP
Size (mm) ØxH	78x47 mm
Material / Operating Temp.	Optical Grade Glass / -40 ° C ~ + 500 ° C max
Fastening	Screw
Box Size (mm) W x L x H	
Box Quantity	pcs
Box Weight (g)	
Rohs Complaint	Yes
Storage Temperature	0 ° C ~ 40 ° C max
COB LED	LEDVANCE COB 1211
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TLS01NI-D78-130x80-GL with LUMILEDS LUXEON COB 1211

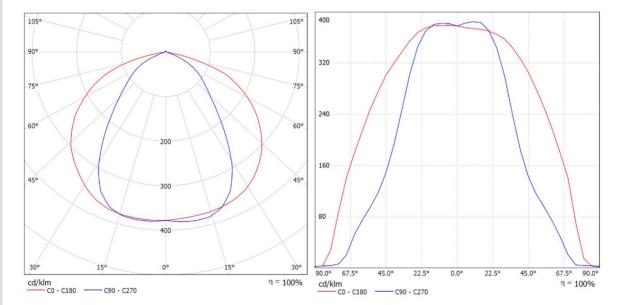


LED OPTIC DATASHEET

COB LED

Product Code	TLS01NI-D78-130X80-AG-GL
Description	Highbay Lighting
Degree (FWHM)	127x79°
Efficiency	88%
Туре	Single Optic -IP
Size (mm) ØxH	78x47 mm
Material / Operating Temp.	Optical Grade Glass / -40 ° C ~ + 500 ° C max
Fastening	Screw
Box Size (mm) W x L x H	
Box Quantity	pcs
Box Weight (g)	
Rohs Complaint	Yes
Storage Temperature	0 ° C ~ 40 ° C max





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

LUXEON COB 1211 GEN4

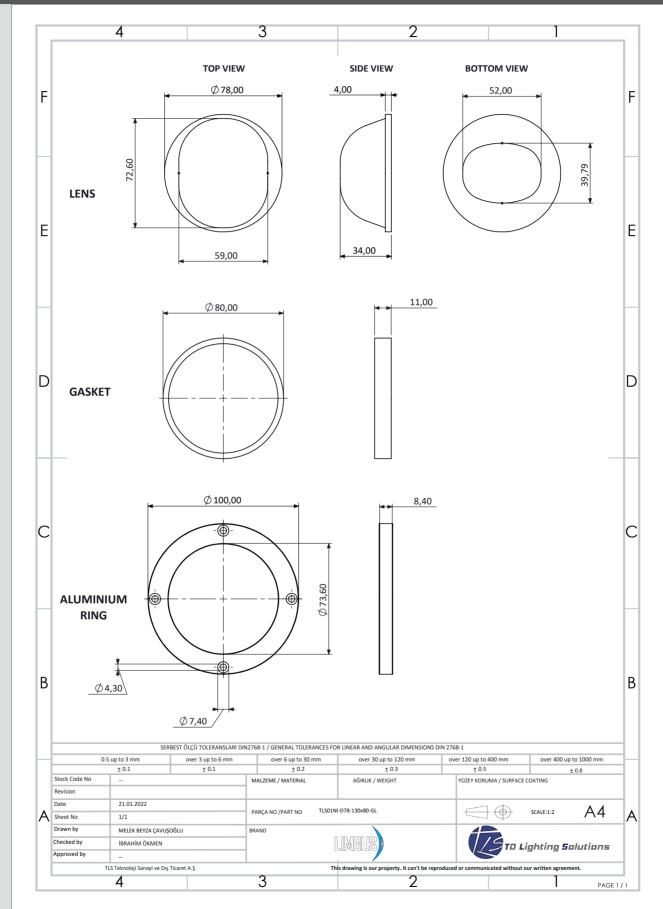
- Forbid to use industrial solvent to clean the lens, such as alcohol.
- Storage environment temperature is $0^{\circ}C^{\sim}40^{\circ}C$, humidity is $30\%^{\sim}95\%$.
- Optic Lens has the function to change the ray of light, it is made of optical material, the effect shall be influenced once pollute. 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.

APPLICATION NOTES

TLS01NI-D78-130x80-GL

LED OPTIC DATASHEET

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