PRODUCT DATASHEET
TR SP XR V 30W 924 24DEG BK BREAD

TRACKLIGHT SPECIAL FOOD LED | 3-phase tracklight spot with special LED



VALUE CLASS

Areas of application

- Shops, supermarkets
- Food presentation in e.g. butchers, bakeries, supermarkets or meat processors
- Hotels, restaurants

Product benefits

- Specially tailored spectral distribution for food presentation only
- Reflector easily replaceable thanks to bayonet catch and rubber suction pad
- No distraction from the illuminated objects thanks to the reduced design
- Low flicker light thanks to special electronic control gear
- Good glare reduction (UGR ≤ 19)

Product features

- Compact tracklight spot with in-track control gear
- Rotation angle: 350°, tilt angle: 90°
- Luminaire efficacy: up to 95 lm/W
- Color rendering index CRI 90
- Equipped with reflectors with 24° beam angle
- Durable die-cast aluminum housing
- Available in matt white (like RAL9003), matt black (like RAL9005)

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TECHNICAL DATA

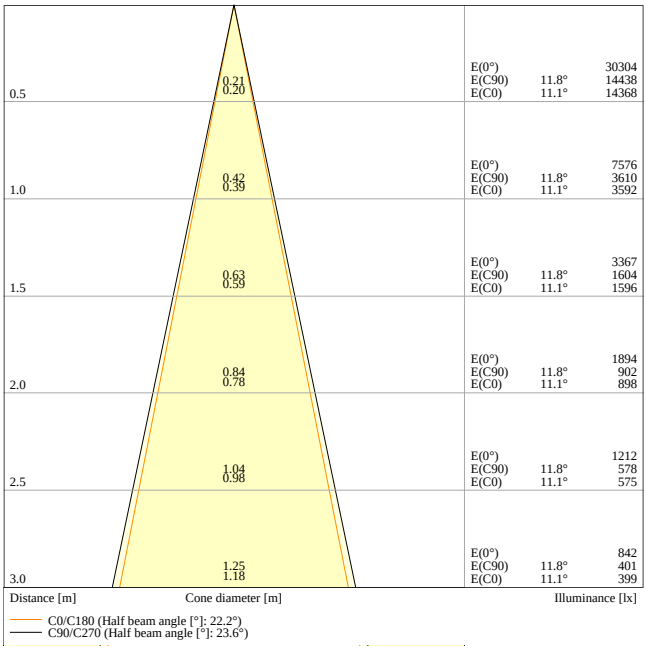
Electrical data

Nominal wattage	30.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	136 mA
Inrush current	0.72 A
Inrush current time T_{h50}	51 µs
Max. number of luminaires per miniature circuit breaker B16	94
Max. number of luminaires per miniature circuit breaker C10	58
Max. number of luminaires per miniature circuit breaker C16	94
Power factor λ	> 0.90
Maximum total harmonic distortion	< 15 %
Protection class	II
Surge capability (L-N)	1000 V
Operating mode	Integrated LED driver

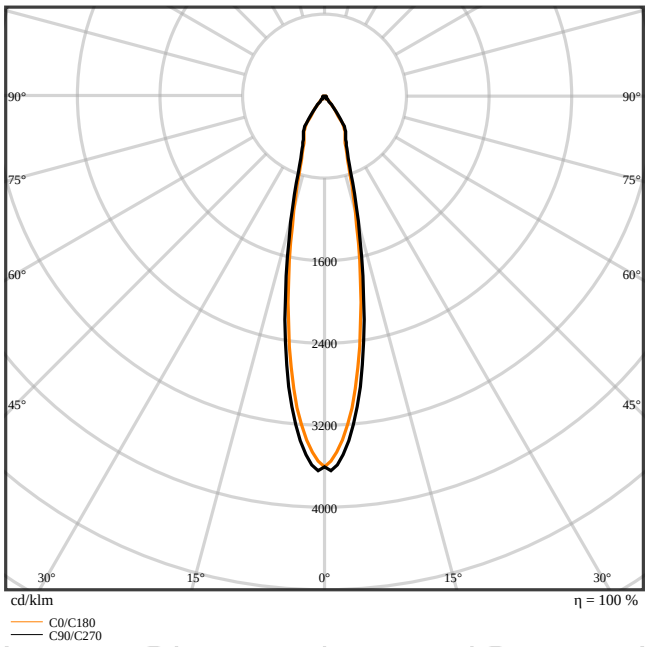
Photometrical data

Luminous flux	2100 lm
Luminous efficacy	70 lm/W
Color temperature	2400 K
Light color (designation)	Warm White
Color rendering index Ra	> 90
Standard deviation of color matching	< 7 sdcm
Luminous intensity	2500 cd
Low flicker	Yes
Flickering metric (Pst LM)	<1
Stroboscope effect metric (SVM)	<0.4
Photobiological safety group acc. to EN62778	RG1
Beam angle	24 °
UGR	< 20

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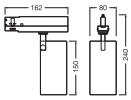
TR SP XR V 30W 924 BREAD BK 24D



TR SP XR V 30W 924 BREAD BK 24D

Dimensions & Weight

Diameter	80.00 mm
Length	150.00 mm
Height	240.00 mm
Product weight	620.00 g



TR SP XR V 30W 24DEG

Materials & Colors

Product color	Black
Housing color	Black
RAL Color (most similar)	RAL 9005
Body material	Aluminum
Glow Wire Test according to IEC 60695-2-12	650 °C

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Mercury content	0.0 mg

Application & Mounting

Ambient temperature range	-20…+40 °C
Temperature range at storage	-20…+80 °C
Type of connection	Adapter, 3-phase
Type of protection	IP20/IP20
Protection class IK (shock resistance)	IK02
Dimmable	No
Mounting type	Surface
Mounting location	Mounting track
Application environment	Indoor
Mechanically adjustable	Yes
With light source	Yes
Replaceable light source	No

Lifespan

Lifespan L70/B50 at 25 °C	50000 h [1)]
Lifespan L80/B10 at 25 °C	35000 h [1)]
Lifespan L80/B50 at 25 °C	45000 h
Lifespan L90/B10 at 25 °C	25000 h [1)]
Number of switching cycles	25000

1) t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Control gear

Output current	750 mA
Output ripple current (100 Hz)	< 3 %

Emergency lighting

Type of emergency operation test	None

Certificates & Standards

Standards	CE / ENEC / UKCA / EAC / EPD
Luminaire with limited surface temperature, "D sign"	No
Ball shot safe	No
EPD	LEDV-00065-V01.01-EN
Replaceable light source (EPREL)	Not replaceable

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Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	G11247140 TRACKLIGHT SPOT XR
PDF	Legal information	Safety Insert G11218810
PDF	Legal information	Informationstext 18 Abs 4 ElektroG
PDF	Legal information	LSI G11254552 TRACKLIGHT SPOT XR
PDF	Declarations of conformity	TRACKLIGHT SPOT
PDF	Declarations of conformity UKCA	TRACKLIGHT SPOT
PDF	Certificates	ENEC TR SP XR
PDF	EPD	ENVIRONMENTAL PRODUCT DECLARATION TRACKLIGHT XR DALI

	Photometric and lighting design files	Document name
IES	IES file (IES)	TR SP XR V 30W 924 BREAD BK 24D
LDT	LDT file (Eulumdat)	TR SP XR V 30W 924 BREAD BK 24D
ULD	ULD file (DIALux)	TR SP XR V 30W 924 24DEG BK BREAD
	UGR file (UGR table)	TR SP XR V 30W 924 BREAD BK 24D
	Light distribution curve type cone	TR SP XR V 30W 924 BREAD BK 24D
	Light distribution curve type polar	TR SP XR V 30W 924 BREAD BK 24D
	Spectral power distribution	Spectral Power Distribution BREAD

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	CAD/BIM files	Document name
	BIM Revit 3D	Tracklight Spot Zoom Dim
	CAD STEP 3D	TL XR V 30W

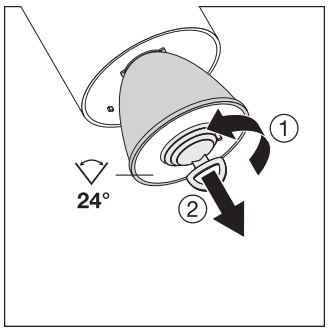
	Tender texts	Document name
	Tender documents	TRACKLIGHT SPECIAL FOOD LED 30W 924 24DEG BK BREAD-en

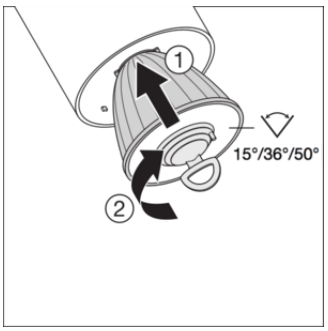
LOGISTICAL DATA

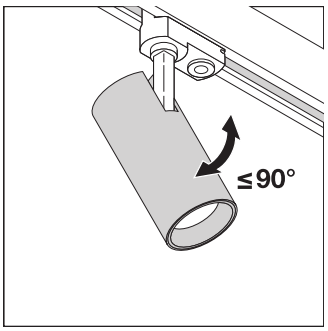
Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854616907	Folding box 1	191 mm x 242 mm x 100 mm	766.00 g	4.62 dm^3
4099854616914	Shipping box 4	400 mm x 262 mm x 230 mm	3560.00 g	24.10 dm^3

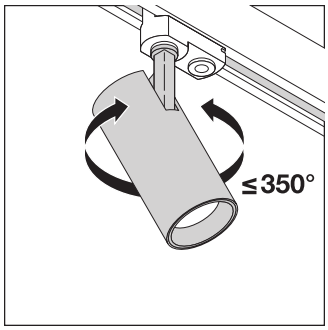
The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

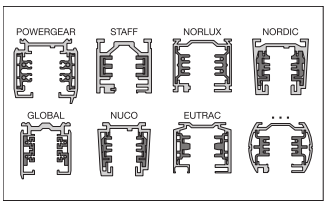
ADDITIONAL CATALOG INFORMATION











References / Links

– For Guarantee see www.ledvance.com/guarantee

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DISCLAIMER

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