PRODUCT DATASHEET
TR SP XR DA V 30W 940 24DEG BK

TRACKLIGHT SPOT XR DALI | 3-phase tracklight spot with exchangeable relfector and DALI-2 technology



VALUE CLASS

Areas of application

- Direct replacement for luminaires using HID lamps
- Accent lighting
- Galleries, museums
- Shops, changing rooms, shop windows
- Hotels, restaurants

Product benefits

- 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 DALI-2 driver
- Rotation angle: 350°, tilt angle: 90°
- Available with color temperature 3000 K or 4000 K
- Color rendering index CRI 90
- Initial color consistency: ≤ 3 SDCM
- Equipped with reflectors with 24° beam angle
- Durable die-cast aluminum housing
- Available in matt white (like RAL9003), matt black (like RAL9005)
- Luminaire efficacy: up to 120 lm/W

© 2026, LEDVANCE GmbH. All rights reserved.

TECHNICAL DATA

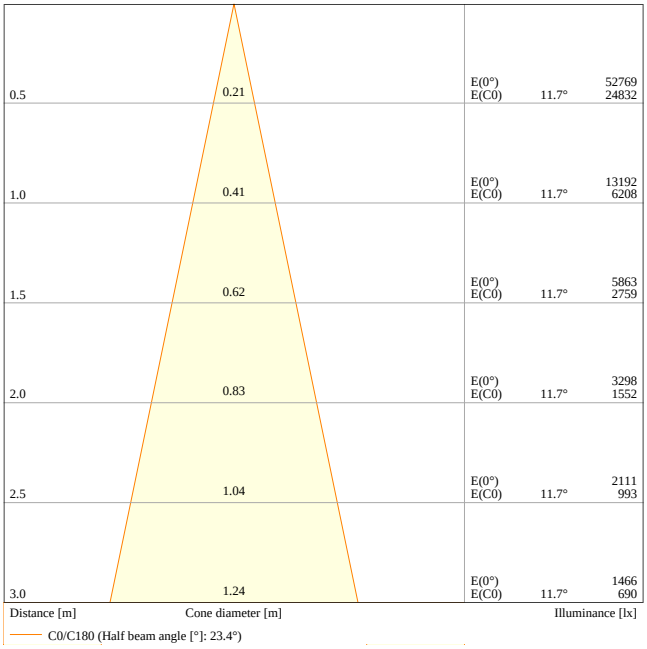
Electrical data

Nominal wattage	30.00 W
Nominal voltage	220…240 V
Mains frequency	50…60 Hz
Nominal current	136 mA
Inrush current	0.86 A
Inrush current time T_{h50}	62 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	I
Surge capability (L-N)	1000 V
Operating mode	Integrated LED driver

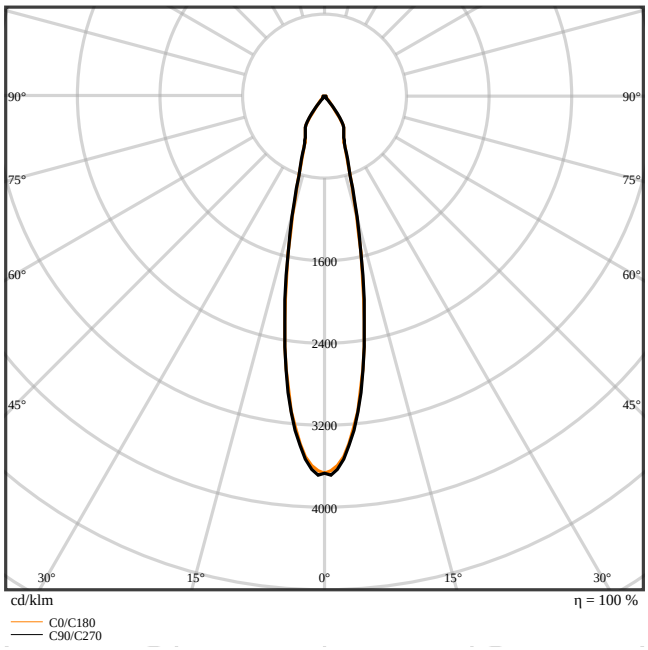
Photometrical data

Luminous flux	3600 lm
Luminous efficacy	120 lm/W
Color temperature	4000 K
Light color (designation)	Cool White
Color rendering index Ra	> 90
Standard deviation of color matching	≤3 sdcm
Luminous intensity	4100 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

© 2026, LEDVANCE GmbH. All rights reserved.



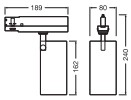
TR SP XR DA V 30W 940 BK 24D



TR SP XR DA V 30W 940 BK 24D

Dimensions & Weight

Diameter	80.00 mm
Length	245.00 mm
Height	240.00 mm
Product weight	690.00 g



TR SP XR DA 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

© 2026, LEDVANCE GmbH. All rights reserved.

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	Yes
Type of dimming	DALI
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

© 2026, LEDVANCE GmbH. All rights reserved.

Replaceable light source (EPREL)	Not replaceable

Additional product data

Added function	VIVARES

Accessories Optional

Product image	Product name	EAN
	TR SP REFLECTOR V 30W 15DEG	4099854616846
	TR SP REFLECTOR V 30W 36DEG	4099854616860
	TR SP REFLECTOR V 30W 50DEG	4099854616884

Components for light control

Components Light Control

Product image	Product name	EAN
	MANUAL CONTROL UNIT GROUP DALI-2 TW	4099854748691
	MANUAL CONTROL UNIT SELECT DALI-2	4058075837485
	MANUAL CONTROL UNIT SELECT DALI-2 TW	4058075837508
	MANUAL CONTROL UNIT SELECT DALI-2 EXCHANGEABLE COVER TW	4058075837522

© 2026, LEDVANCE GmbH. All rights reserved.

Product image	Product name	EAN
	MANUAL CONTROL UNIT TOUCH DALI-2 TW	4058075837560
	MANUAL CONTROL UNIT TOUCH DALI-2	4058075837546
	PUSH CONTROL UNIT FLUSH MOUNT DALI-2 TW	4058075837584
	PUSH CONTROL UNIT FM DALI-2 DIM	4099854846922
	SURFACE MOUNT FRAME	4058075843561
	PUSHBUTTON COUPLER DALI-2	4058075837607
	FLEX CONTROL UNIT IOT DALI-2 HCL TW	4058075841888
	FLEX CONTROL UNIT FLUSH MOUNT DALI-2 TW	4058075841901
	FLEX CONTROL UNIT DALI-2 TW	4058075843844
	FLEX CONTROL UNIT REAL-TIME-CLOCK DALI-2 HCL TW	4058075841925
	SENSOR DALI-2 LIGHT/PRESENCE-6 INFRARED CEILING INTEGRATION	4058075837621

© 2026, LEDVANCE GmbH. All rights reserved.

Product image	Product name	EAN
	SENSOR CEILING MOUNTING KIT LIGHT/PRESENCE-6	4099854748714
	SENSOR DALI-2 LIGHT/PRESENCE-8 INFRARED CEILING INTEGRATION	4058075841949
	SENSOR DALI-2 LIGHT/PRESENCE-40X5 INFRARED CEILING INTEGRATION	4058075843868
	SENSOR DALI-2 LIGHT/PRESENCE-24 INFRARED CEILING MOUNTING	4058075843882
	HIGHBAY SENSOR DALI-2 LIGHT/PRESENCE -21 INFRARED CEILING MOUNTING	4058075857537
	DALI sensors -8 IR CI, -40X5 IR CI, -24 IR CM, -21 IR CM	4058075843905
	RELAY DALI-2 RAIL MOUNTING	4099854709159
	RELAY DALI-2 CEILING MOUNTING	4099854709135
	REPEATER DALI-2 RAIL MOUNTING	4099854709111
	REPEATER DALI-2 CEILING MOUNTING	4099854709098

EQUIPMENT / ACCESSORIES

– Accessory reflectors with 15°, 36° or 50° beam angle available

© 2026, LEDVANCE GmbH. All rights reserved.

Safety advice

- All electrical connections must be made by a qualified person.
- Caution, risk of electric shock.
- Product in protection class I. All electrically conductive, metallic housing parts that can absorb voltage during operation or during maintenance in the event of a fault must be continuously connected to the protective earthing conductor.

DOWNLOAD DATA

	Documents and certificates	Document name
PDF	User instruction / safety instructions	G11247137 TRACKLIGHT SPOT XR DALI
PDF	Legal information	Safety Insert G11218810
PDF	Legal information	Informationstext 18 Abs 4 ElektroG
PDF	Legal information	LSI G11254554 TRACKLIGHT SPOT XR DALI
PDF	Declarations of conformity	TRACKLIGHT SPOT
PDF	Declarations of conformity UKCA	TRACKLIGHT SPOT
PDF	Certificates	ENEC TR SP ZOOM
PDF	EU Data Act	DALI LED Driver and Luminaires
PDF	EPD	ENVIRONMENTAL PRODUCT DECLARATION TRACKLIGHT XR DALI

	Photometric and lighting design files	Document name
IES	IES file (IES)	TR SP XR DA V 30W 940 BK 24D
LDT	LDT file (Eulumdat)	TR SP XR DA V 30W 940 BK 24D
	UGR file (UGR table)	TR SP XR DA V 30W 940 BK 24D
	Light distribution curve type cone	TR SP XR DA V 30W 940 BK 24D
	Light distribution curve type polar	TR SP XR DA V 30W 940 BK 24D

© 2026, LEDVANCE GmbH. All rights reserved.

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

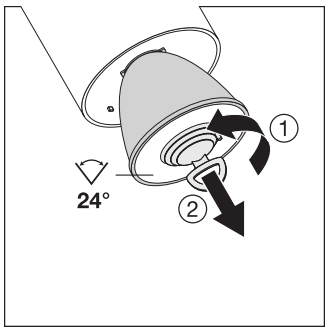
	Tender texts	Document name
	Tender documents	TRACKLIGHT SPOT XR DALI 30W 940 24DEG BK-en

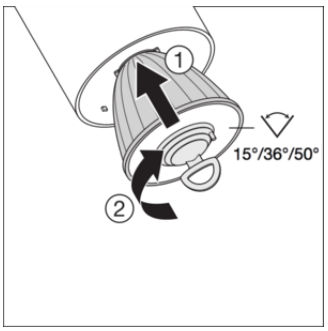
LOGISTICAL DATA

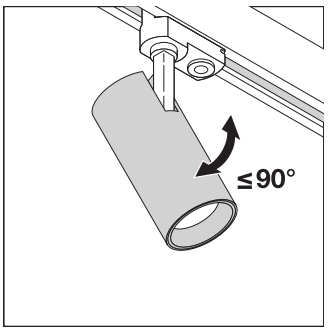
Product code	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Gross weight	Volume
4099854616761	Folding box 1	191 mm x 242 mm x 100 mm	806.00 g	4.62 dm^3
4099854616778	Shipping box 4	400 mm x 262 mm x 230 mm	3720.00 g	24.10 dm^3

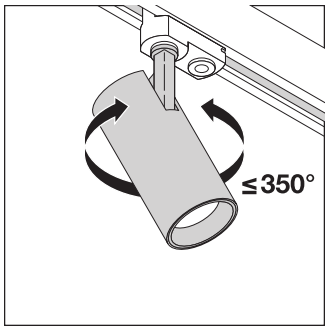
The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

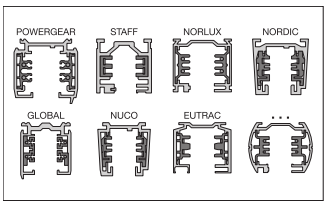
ADDITIONAL CATALOG INFORMATION











References / Links

– For Guarantee see www.ledvance.com/guarantee

© 2026, LEDVANCE GmbH. All rights reserved.

DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.

© 2026, LEDVANCE GmbH. All rights reserved.