

# PRODUCT DATASHEET

## TR SP XR V 30W 924 24DEG BK BREAD

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



### 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 ( $UGR \leq 19$ )

### 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)



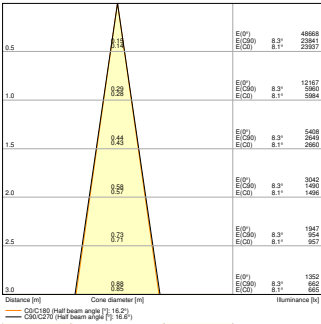
---

**TECHNICAL DATA****Electrical data**

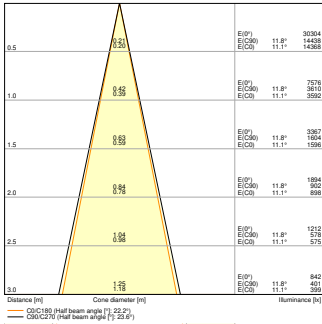
|                                                             |                       |
|-------------------------------------------------------------|-----------------------|
| Nominal wattage                                             | 30.00 W               |
| Nominal voltage                                             | 220...240 V           |
| Mains frequency                                             | 50...60 Hz            |
| Nominal current                                             | 750.000 mA            |
| Inrush current                                              | 0.72 A                |
| Inrush current time $T_{h50}$                               | 51 $\mu$ s            |
| 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 $\lambda$                                      | > 0.90                |
| Total harmonic distortion                                   | < 15 %                |
| Protection class                                            | II                    |
| Surge capability (L-N)                                      | 1000 V                |
| Operating mode                                              | Integrated LED driver |

**Photometrical data**

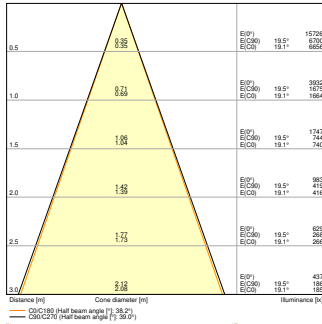
|                                              |                        |
|----------------------------------------------|------------------------|
| Luminous flux                                | 2100 lm                |
| Luminous efficacy                            | 70 lm/W                |
| Color temperature                            | 2400 K                 |
| Light color (designation)                    | Warm White             |
| Color rendering index Ra                     | > 90                   |
| Standard deviation of color matching         | <7 sdc <sub>m</sub>    |
| 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                                   | 15° / 24° / 36° / 50 ° |
| UGR                                          | < 20                   |



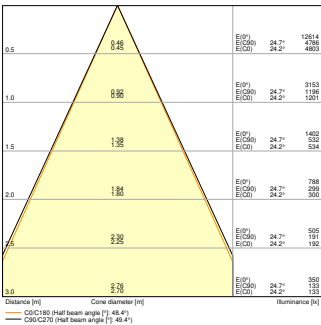
TR SP XR V 30W 924 BREAD BK  
15D



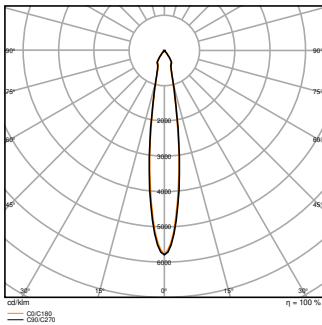
TR SP XR V 30W 924 BREAD BK  
24D



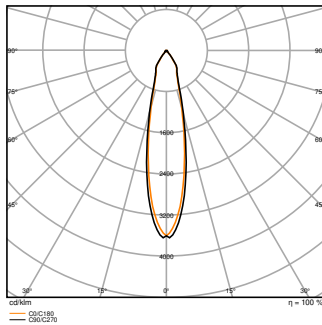
TR SP XR V 30W 924 BREAD BK  
36D



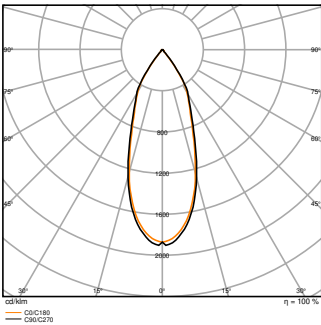
TR SP XR V 30W 924 BREAD BK  
50D



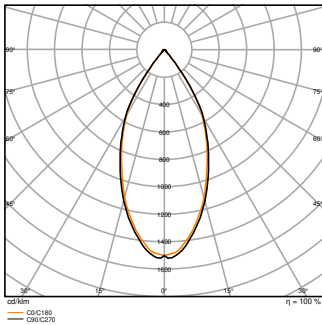
TR SP XR V 30W 924 BREAD BK  
15D



TR SP XR V 30W 924 BREAD BK  
24D



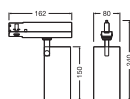
TR SP XR V 30W 924 BREAD BK  
36D



TR SP XR V 30W 924 BREAD BK  
50D

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    |
| Body material                              | Aluminum |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C   |
| 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           |
| Adjustable                             | Yes              |
| With light source                      | Yes              |
| Replaceable light source               | No               |

Lifespan

|                            |                       |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C  | 50000 h <sup>1)</sup> |
| Lifespan L80/B10 at 25 °C  | 35000 h <sup>1)</sup> |
| Lifespan L80/B50 at 25 °C  | 45000 h               |
| Lifespan L90/B10 at 25 °C  | 25000 h               |
| Number of switching cycles | 25000                 |

<sup>1)</sup> 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 |
| ECG - Output ripple current | < 3 %  |

### Emergency lighting

|                                  |      |
|----------------------------------|------|
| Type of emergency operation test | None |
|----------------------------------|------|

### Certificates & Standards

|                                                      |                        |
|------------------------------------------------------|------------------------|
| Standards                                            | CE / ENEC / UKCA / EAC |
| Luminaire with limited surface temperature, "D sign" | No                     |
| Ball shot safe                                       | No                     |
| Replaceable light source (EPREL)                     | Not replaceable        |

### Additional product data

|                |                               |
|----------------|-------------------------------|
| Product remark | Available from September 2025 |
|----------------|-------------------------------|

### Safety advice

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

### DOWNLOAD DATA

| Documents and certificates                                                         |                                        | Document name                      |
|------------------------------------------------------------------------------------|----------------------------------------|------------------------------------|
|  | User instruction / safety instructions | G11247140 TRACKLIGHT SPOT XR       |
|  | Legal information                      | Safety Insert G11218810            |
|  | Legal information                      | Informationstext 18 Abs 4 ElektroG |
|  | Declarations of conformity             | TRACKLIGHT SPOT                    |
|  | Declarations of conformity UKCA        | TRACKLIGHT SPOT                    |
|  | Certificates                           | ENEC TR SP XR                      |
| Photometric and lighting design files                                              |                                        | Document name                      |
|  | IES file (IES)                         | TR SP XR V 30W 924 BREAD BK 15D    |

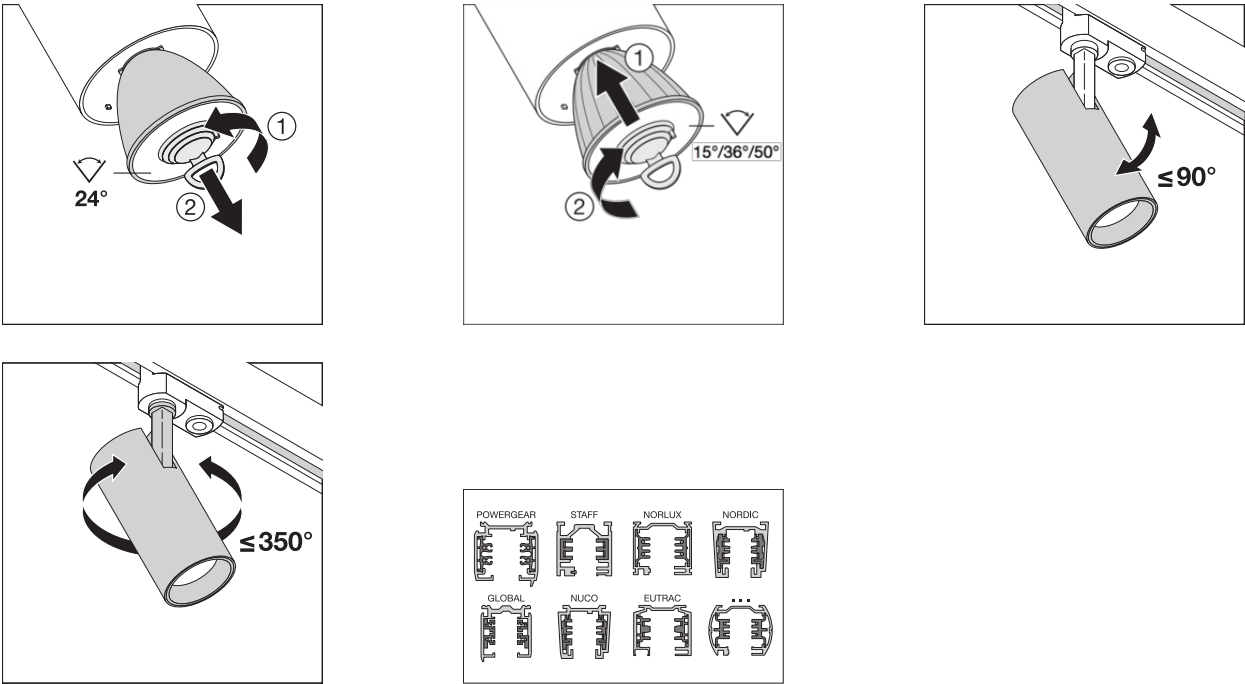
| Photometric and lighting design files                                              |                                     | Document name                   |
|------------------------------------------------------------------------------------|-------------------------------------|---------------------------------|
|    | IES file (IES)                      | TR SP XR V 30W 924 BREAD BK 24D |
|    | IES file (IES)                      | TR SP XR V 30W 924 BREAD BK 36D |
|    | IES file (IES)                      | TR SP XR V 30W 924 BREAD BK 50D |
|    | LDT file (Eulumdat)                 | TR SP XR V 30W 924 BREAD BK 15D |
|    | LDT file (Eulumdat)                 | TR SP XR V 30W 924 BREAD BK 24D |
|    | LDT file (Eulumdat)                 | TR SP XR V 30W 924 BREAD BK 36D |
|    | LDT file (Eulumdat)                 | TR SP XR V 30W 924 BREAD BK 50D |
|    | UGR file (UGR table)                | TR SP XR V 30W 924 BREAD BK 15D |
|   | UGR file (UGR table)                | TR SP XR V 30W 924 BREAD BK 24D |
|  | UGR file (UGR table)                | TR SP XR V 30W 924 BREAD BK 36D |
|  | UGR file (UGR table)                | TR SP XR V 30W 924 BREAD BK 50D |
|  | Light distribution curve type cone  | TR SP XR V 30W 924 BREAD BK 15D |
|  | Light distribution curve type cone  | TR SP XR V 30W 924 BREAD BK 24D |
|  | Light distribution curve type cone  | TR SP XR V 30W 924 BREAD BK 36D |
|  | Light distribution curve type cone  | TR SP XR V 30W 924 BREAD BK 50D |
|  | Light distribution curve type polar | TR SP XR V 30W 924 BREAD BK 15D |
|  | Light distribution curve type polar | TR SP XR V 30W 924 BREAD BK 24D |
|  | Light distribution curve type polar | TR SP XR V 30W 924 BREAD BK 36D |
|  | Light distribution curve type polar | TR SP XR V 30W 924 BREAD BK 50D |
| CAD/BIM files                                                                      |                                     | Document name                   |
|  | BIM Revit 3D                        | Tracklight Spot Zoom Dim        |
|  | CAD STEP 3D                         | TL XR V 30W                     |

LOGISTICAL DATA

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

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](http://www.ledvance.com/guarantee)

DISCLAIMER

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