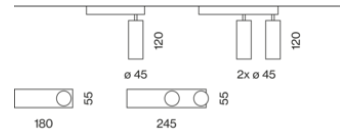




**Quickinfo**

2700 K, 3000 K, 3500 K  
 CRI ≥ 90 / 2 SDCM (initial MacAdam), 3 SDCM (initial MacAdam)  
 up to 96 lm/W  
 L80 / 50000 h, L85 / 50000 h  
 DALI-2, non DIM  
 IP20

**Types**



**Colour**



**Light distributions**

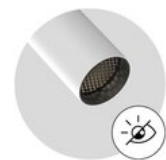


**BO 45 base**

surface

**EN** Cylindrical spotlight made of aluminium; surface powder coated; spotlight head 350° / 330° (1 lamp / 2 lamps) rotatable and 90° tiltable; choice of single lamp or double lamps; surface mounted housing in aluminium incl. converter; mounting plate with pre-assembled converter unit can be pre-mounted; luminaire housing can be attached without tools by interlock; with optional high-quality lens system with precise radiation characteristic; or high-quality, aluminium, vapour deposition coated reflector with faceted design; precise radiation characteristics with different beam angles; good glare reduction due to recessed light point plane; optical attachments as accessories; COB (Chip on Board) technology or high power LEDs for maximum efficiency; no multiple shadows; energy-efficient LEDs with very good colour rendering

**DE** Zylindrischer Strahler aus Aluminium; Oberfläche pulverbeschichtet; Strahlerkopf 350° / 330° (1-flammig / 2-flammig) dreh- und 90° schwenkbar; wahlweise einflammig oder zweiflammig; Anbaugehäuse aus Aluminium inkl. Konverter; Montageplatte mit vormontierter Konvertereinheit vorab montierbar; Leuchtenkörper mittels Verriegelung werkzeuglos aufsetzbar; wahlweise mit hochwertiger Linsenoptik mit präziser Abstrahlcharakteristik; oder hochwertiger, aluminiumbedampfter Reflektor mit Facettenoptik; präzise Abstrahlcharakteristik mit verschiedenen Ausstrahlwinkeln; gute Entblendung durch zurückversetzte Lichtpunktebene; optische Aufsätze als Zubehör; mit COB (Chip on Board) Technologie bzw. High-Power-LEDs für höchste Effizienz; keine Bildung von Mehrfachschatten; energieeffiziente LEDs mit sehr guter Farbwiedergabe



glare control via honeycomb louver



350° rotatable, 90° tiltable



CRI ≥ 95 2 SDCM (optional)



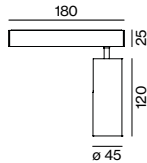
### BO 45 base surface 1 lamp



#### SUPER SPOT 8°, CRI ≥ 90

| SYSTEM | COLOUR TEMP. | LUM. FLUX | EFFICACY | ORDER CODE  |
|--------|--------------|-----------|----------|---|
| 8.4 W  | 2700 K       | 391 lm    | 47 lm/W  | 0 4 9 - 6 3 3 0 4 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> V |
|        | 3000 K       | 432 lm    | 51 lm/W  | 0 4 9 - 6 3 3 0 5 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> V |
|        | 3500 K       | 432 lm    | 51 lm/W  | 0 4 9 - 6 3 3 0 7 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> V |

do not use optical filters



#### SPOT 12°, CRI ≥ 90

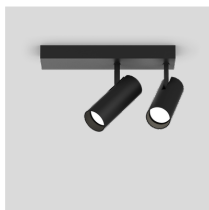
| SYSTEM | COLOUR TEMP. | LUM. FLUX | EFFICACY | ORDER CODE  |
|--------|--------------|-----------|----------|---|
| 15.0 W | 2700 K       | 1140 lm   | 76 lm/W  | 0 4 9 - 6 3 3 0 4 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S |
|        | 3000 K       | 1180 lm   | 79 lm/W  | 0 4 9 - 6 3 3 0 5 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S |
|        | 3500 K       | 1200 lm   | 80 lm/W  | 0 4 9 - 6 3 3 0 7 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S |

#### MEDIUM 24°, CRI ≥ 90

| SYSTEM | COLOUR TEMP. | LUM. FLUX | EFFICACY | ORDER CODE  |
|--------|--------------|-----------|----------|---|
| 15.7 W | 2700 K       | 1340 lm   | 85 lm/W  | 0 4 9 - 6 3 3 0 4 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M |
|        | 3000 K       | 1390 lm   | 89 lm/W  | 0 4 9 - 6 3 3 0 5 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M |
|        | 3500 K       | 1430 lm   | 91 lm/W  | 0 4 9 - 6 3 3 0 7 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M |

#### FLOOD 36°, CRI ≥ 90

| SYSTEM | COLOUR TEMP. | LUM. FLUX | EFFICACY | ORDER CODE  |
|--------|--------------|-----------|----------|---|
| 15.7 W | 2700 K       | 1370 lm   | 87 lm/W  | 0 4 9 - 6 3 3 0 4 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F |
|        | 3000 K       | 1430 lm   | 91 lm/W  | 0 4 9 - 6 3 3 0 5 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F |
|        | 3500 K       | 1460 lm   | 93 lm/W  | 0 4 9 - 6 3 3 0 7 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F |



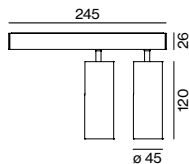
### BO 45 base surface 2 lamps



#### SUPER SPOT 8°, CRI ≥ 90

| SYSTEM | COLOUR TEMP. | LUM. FLUX | EFFICACY | ORDER CODE  |
|--------|--------------|-----------|----------|---|
| 14.1 W | 2700 K       | 704 lm    | 50 lm/W  | 0 4 9 - 6 4 3 0 4 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> V |
|        | 3000 K       | 780 lm    | 55 lm/W  | 0 4 9 - 6 4 3 0 5 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> V |
|        | 3500 K       | 780 lm    | 55 lm/W  | 0 4 9 - 6 4 3 0 7 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> V |

do not use optical filters



#### SPOT 12°, CRI ≥ 90

| SYSTEM | COLOUR TEMP. | LUM. FLUX | EFFICACY | ORDER CODE  |
|--------|--------------|-----------|----------|---|
| 29.2 W | 2700 K       | 2280 lm   | 78 lm/W  | 0 4 9 - 6 4 3 0 4 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S |
|        | 3000 K       | 2360 lm   | 81 lm/W  | 0 4 9 - 6 4 3 0 5 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S |
|        | 3500 K       | 2400 lm   | 82 lm/W  | 0 4 9 - 6 4 3 0 7 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S |

#### Order options

| CONTROL |   | COLOUR                 |   |
|---------|---|------------------------|---|
| non DIM | 1 | special colours        | X |
| DALI-2  | 3 | traffic white RAL 9016 | 7 |
|         |   | jet black RAL 9005     | 8 |

**MEDIUM 24°, CRI ≥ 90**

| SYSTEM | COLOUR TEMP. | LUM. FLUX | EFFICACY | ORDER CODE                                   |
|--------|--------------|-----------|----------|--|
| 27.4 W | 2700 K       | 2420 lm   | 88 lm/W  | 0 4 9 - 6 4 3 0 4 <input type="checkbox"/> F |
|        | 3000 K       | 2500 lm   | 91 lm/W  | 0 4 9 - 6 4 3 0 5 <input type="checkbox"/> F |
|        | 3500 K       | 2560 lm   | 93 lm/W  | 0 4 9 - 6 4 3 0 7 <input type="checkbox"/> F |

**FLOOD 36°, CRI ≥ 90**

| SYSTEM | COLOUR TEMP. | LUM. FLUX | EFFICACY | ORDER CODE                                   |
|--------|--------------|-----------|----------|--|
| 27.4 W | 2700 K       | 2480 lm   | 91 lm/W  | 0 4 9 - 6 4 3 0 4 <input type="checkbox"/> F |
|        | 3000 K       | 2560 lm   | 93 lm/W  | 0 4 9 - 6 4 3 0 5 <input type="checkbox"/> F |
|        | 3500 K       | 2620 lm   | 96 lm/W  | 0 4 9 - 6 4 3 0 7 <input type="checkbox"/> F |

**Optical accessories (optional)****HONEYCOMB LOUVER** for ARY | BO 45 | JUST 45 | MOVE IN 45 | TARO 45 | TULA micro

| COLOUR    | Ø-H (mm) | ORDER CODE            |
|-----------|----------|-----------------------|
| jet black | 42.3     | 0 0 7 - 1 9 6 5 1 8 8 |

**OVAL LENS** for BO 45 | JUST 45 | MOVE IN 45 | TARO 45 | TULA micro

| Ø-H (mm) | ORDER CODE            |
|----------|-----------------------|
| 42.3     | 0 0 7 - 1 9 6 5 8 8 0 |

**SOFT LENS** for ARY | BO 45 | JUST 45 | MOVE IN 45 | TARO 45 | TULA micro

| Ø-H (mm) | ORDER CODE            |
|----------|-----------------------|
| 42.3     | 0 0 7 - 1 9 6 5 9 8 0 |

**WALLWASHER LENS** for ARY | BO 45 | JUST 45 | MOVE IN 45 | TARO 45 | TULA micro

| Ø-H (mm) | ORDER CODE            |
|----------|-----------------------|
| 42.3     | 0 0 7 - 1 9 6 5 7 8 0 |

**Order options**

| CONTROL |   | COLOUR                          |   |
|---------|---|---------------------------------|---|
| non DIM | 1 | <a href="#">special colours</a> | X |
| DALI-2  | 3 | traffic white RAL 9016          | 7 |
|         |   | jet black RAL 9005              | 8 |