



## BO 45 base

surface

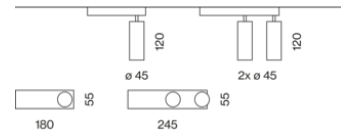
**EN** Cylindrical spotlight made of aluminium; surface powder coated; spotlight head 350° / 330° (1 lamp / 2 lamps) rotatable and 90° tiltable; choice of single lamp or double lamps; surface mounted housing in aluminium incl. converter; mounting plate with pre-assembled converter unit can be pre-mounted; 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

**ES** Proyector cilíndrico de aluminio; superficie con recubrimiento de pintura en polvo; proyector giratorio 350° / 330° (1 lámpara / 2 lámparas) y orientable 90°; con una o dos luces; carcasa de aluminio para montaje en superficie, incluido convertidor; placa de montaje con convertidor premontado / premontable; cuerpo luminoso insertable por enclavamiento y sin necesidad de herramienta; opcionalmente con sistema óptico de lentes de alta calidad con precisa característica de emisión; o reflector de alta calidad vaporizado de aluminio con revestimiento de facetas esféricas; característica de emisión precisa con diferentes ángulos de emisión; buen control del deslumbramiento mediante plano de punto de luz retranqueado; los accesorios ópticos como accesorios; con tecnología COB (Chip on Board) o LEDs de alta potencia para proporcionar una máxima eficiencia; no proporciona sombras múltiples; LEDs de alta eficiencia que proporcionan una alta reproducción cromática

### Quickinfo

2700 K, 3000 K, 3500 K  
CRI  $\geq$  90 / 2 SDCM, 3 SDCM  
hasta 96 lm/W  
L80 / 50000 h, L85 / 50000 h  
DALI-2, non attenuable  
IP20

### Types



### Color



### Distribución luminosa



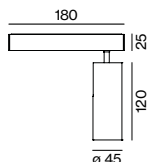
glare control  
via honeycomb  
louver



350° rotatable,  
90° tiltable



CRI  $\geq$  95 2  
SDCM  
(optional)



## BO 45 base surface 1 lamp



### SUPER SPOT CRI ≥ 90

| SYSTEM | COLOUR TEMP. | LUM. FLUX | SYSTEM  | ORDER CODE            |
|--------|--------------|-----------|---------|-----------------------|
| 9.2 W  | 2700 K       | 391 lm    | 43 lm/W | 0 4 9 - 6 3 3 0 4   V |
|        | 3000 K       | 437 lm    | 48 lm/W | 0 4 9 - 6 3 3 0 5   V |
|        | 3500 K       | 437 lm    | 48 lm/W | 0 4 9 - 6 3 3 0 7   V |

do not use optical filters

### SPOT CRI ≥ 90

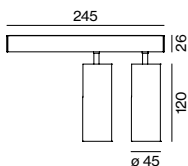
| SYSTEM | COLOUR TEMP. | LUM. FLUX | SYSTEM  | ORDER CODE            |
|--------|--------------|-----------|---------|-----------------------|
| 15.0 W | 2700 K       | 1140 lm   | 76 lm/W | 0 4 9 - 6 3 3 0 4   S |
|        | 3000 K       | 1180 lm   | 79 lm/W | 0 4 9 - 6 3 3 0 5   S |
|        | 3500 K       | 1200 lm   | 80 lm/W | 0 4 9 - 6 3 3 0 7   S |

### MEDIUM CRI ≥ 90

| SYSTEM | COLOUR TEMP. | LUM. FLUX | SYSTEM  | ORDER CODE            |
|--------|--------------|-----------|---------|-----------------------|
| 15.7 W | 2700 K       | 1340 lm   | 85 lm/W | 0 4 9 - 6 3 3 0 4   M |
|        | 3000 K       | 1390 lm   | 89 lm/W | 0 4 9 - 6 3 3 0 5   M |
|        | 3500 K       | 1430 lm   | 91 lm/W | 0 4 9 - 6 3 3 0 7   M |

### FLOOD CRI ≥ 90

| SYSTEM | COLOUR TEMP. | LUM. FLUX | SYSTEM  | ORDER CODE            |
|--------|--------------|-----------|---------|-----------------------|
| 15.7 W | 2700 K       | 1370 lm   | 87 lm/W | 0 4 9 - 6 3 3 0 4   F |
|        | 3000 K       | 1430 lm   | 91 lm/W | 0 4 9 - 6 3 3 0 5   F |
|        | 3500 K       | 1460 lm   | 93 lm/W | 0 4 9 - 6 3 3 0 7   F |



## BO 45 base surface 2 lamps



### SUPER SPOT CRI ≥ 90

| SYSTEM | COLOUR TEMP. | LUM. FLUX | SYSTEM  | ORDER CODE            |
|--------|--------------|-----------|---------|-----------------------|
| 14.1 W | 2700 K       | 704 lm    | 50 lm/W | 0 4 9 - 6 4 3 0 4   V |
|        | 3000 K       | 786 lm    | 56 lm/W | 0 4 9 - 6 4 3 0 5   V |
|        | 3500 K       | 786 lm    | 56 lm/W | 0 4 9 - 6 4 3 0 7   V |

do not use optical filters

### SPOT CRI ≥ 90

| SYSTEM | COLOUR TEMP. | LUM. FLUX | SYSTEM  | ORDER CODE            |
|--------|--------------|-----------|---------|-----------------------|
| 29.9 W | 2700 K       | 2280 lm   | 76 lm/W | 0 4 9 - 6 4 3 0 4   S |
|        | 3000 K       | 2360 lm   | 79 lm/W | 0 4 9 - 6 4 3 0 5   S |
|        | 3500 K       | 2400 lm   | 80 lm/W | 0 4 9 - 6 4 3 0 7   S |







### MEDIUM CRI ≥ 90

| SYSTEM | COLOUR TEMP. | LUM. FLUX | SYSTEM  | ORDER CODE            |
|--------|--------------|-----------|---------|-----------------------|
| 27.4 W | 2700 K       | 2420 lm   | 88 lm/W | 0 4 9 - 6 4 3 0 4   M |
|        | 3000 K       | 2500 lm   | 91 lm/W | 0 4 9 - 6 4 3 0 5   M |
|        | 3500 K       | 2560 lm   | 93 lm/W | 0 4 9 - 6 4 3 0 7   M |

## Order options

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

**FLOOD CRI ≥ 90**

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

**Optical accessories (optional)****HONEYCOMB LOUVER**

| TYPE  | COLOUR       | Ø-H (mm) | ORDER CODE            |
|---|--------------|----------|-----------------------|
| for BO 45   JUST 45   MOVE IN 45   TARO 45   TULA micro | jet<br>black | 42:3     | 0 0 7 - 1 9 6 5 1 8 8 |

**OVAL LENS**

| TYPE                                | Ø-H (mm) | ORDER CODE            |
|-------------------------------------|----------|-----------------------|
| for BO 45   MOVE IN 45   TULA micro | 42:3     | 0 0 7 - 1 9 6 5 8 8 0 |

**SOFT LENS**

| TYPE                                      | Ø-H (mm) | ORDER CODE            |
|---|----------|-----------------------|
| for ARY   BO 45   MOVE IN 45   TULA micro | 42:3     | 0 0 7 - 1 9 6 5 9 8 0 |

**WALLWASHER LENS**

| TYPE                                      | Ø-H (mm) | ORDER CODE            |
|---|----------|-----------------------|
| for ARY   BO 45   MOVE IN 45   TULA micro | 42:3     | 0 0 7 - 1 9 6 5 7 8 0 |

**Order options**

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