



## BO 32/45/55

semi-recessed/surface

**EN** Cylindrical spotlight made of aluminium; surface powder coated; either with surface mounted housing or as ceiling recessed variant; spotlight head 350° rotatable and 90° tiltable; 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 for maximum efficiency; no multiple shadows; energy-efficient LEDs with very good colour rendering

**DE** Zylindrischer Strahler aus Aluminium; Oberfläche pulverbeschichtet; wahlweise mit Anbaugehäuse oder als Deckeneinbauvariante; Strahlerkopf 350° dreh- und 90° schwenkbar; 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 für höchste Effizienz; keine Bildung von Mehrfachschatten; energieeffiziente LEDs mit sehr guter Farbwiedergabe

### Quickinfo

2700 K, 3000 K, 3500 K  
 CRI ≥ 90, 2 SDCM  
 BO 32 up to 91lm/W  
 BO 45 up to 103lm/W  
 BO 55 up to 92lm/W  
 L85 @ 50000 h  
 non DIM, DALI-2

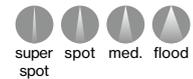
### Types



### Colours



### Light distributions



glare control via honeycomb louver



350° rotatable, 90° tiltable



CRI ≥ 95, 2 SDCM

## Order options

### MOUNTING

|                            |   |
|----------------------------|---|
| semi-recessed ceiling clip | 1 |
| surface housing            | 2 |



### COLOUR TEMPERATURE

|        |   |
|--------|---|
| 2700 K | 4 |
| 3000 K | 5 |
| 3500 K | 7 |

### MATERIAL COLOUR

|                          |   |
|--------------------------|---|
| ○ traffic white RAL 9016 | 7 |
| ● jet black RAL 9005     | 8 |
| ● special colours*       | X |

\*canopy always in white

### BEAM ANGLE BO 32

|            |   |
|------------|---|
| spot 18°   | S |
| medium 23° | M |
| flood 37°  | F |

### BEAM ANGLE BO 45

|               |   |
|---------------|---|
| super spot 8° | V |
| spot 14°      | S |
| medium 24°    | M |
| flood 39°     | F |

### BEAM ANGLE BO 55

|            |   |
|------------|---|
| spot 17°   | S |
| medium 23° | M |
| flood 37°  | F |

## Options on request

### COLOUR RENDERING INDEX

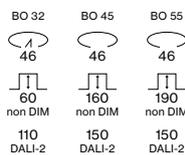
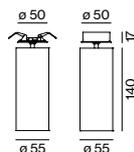
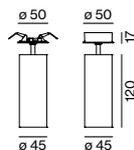
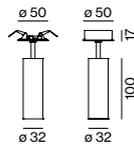
CRI ≥ 95, 2 SDCM

### COLOUR TEMPERATURE

4000 K

### CONTROL

Casambi



## BO 32 semi-recessed / surface



### ADJUSTABLE

|                    |                      |                          |
|--------------------|----------------------|--------------------------|
| <b>INSET POWER</b> | <b>LUMINOUS FLUX</b> | <b>ORDER CODE</b>        |
| 8.8 W 36 Vf 250 mA | 755 lm               | 0 4 9 - 6 3 2 0 :: 1 1 1 |

## BO 45 semi-recessed / surface



### ADJUSTABLE

|                     |                       |                            |
|---------------------|-----------------------|----------------------------|
| <b>INSET POWER</b>  | <b>LUMINOUS FLUX</b>  | <b>ORDER CODE</b>          |
| 6.9 W 11 Vf 600 mA  | super spot 356 lm     | 0 4 9 - 6 3 3 0 :: 1 1 1 V |
| 12.8 W 37 Vf 350 mA | spot 1110 lm          | 0 4 9 - 6 3 3 0 :: 1 1 1 S |
| 13.5 W 36 Vf 400 mA | medium, flood 1320 lm | 0 4 9 - 6 3 3 0 :: 1 1 1 F |

## BO 55 semi-recessed / surface



### ADJUSTABLE

|                     |                      |                          |
|---------------------|----------------------|--------------------------|
| <b>INSET POWER</b>  | <b>LUMINOUS FLUX</b> | <b>ORDER CODE</b>        |
| 21.1 W 36 Vf 600 mA | 1850 lm              | 0 4 9 - 6 3 4 0 :: 1 1 1 |

## Electrical accessories

### POWER SUPPLY 220–240 V AC, 50–60 Hz, □ PC II

| TYPE             | EFFICIENCY | L-W-H (mm) | ORDER CODE        |
|------------------|------------|------------|-------------------|
| 250 mA   non DIM | η 80 %     | 65-39-20   | 0 0 2 - 9 0 7 4 2 |
| 250 mA   DALI-2  | η 82 %     | 147-33-23  | 0 0 2 - 9 0 7 4 3 |
| 350 mA   non DIM | η 85 %     | 180-30-21  | 0 0 2 - 9 0 7 2 2 |
| 350 mA   DALI-2  | η 85 %     | 197-29-21  | 0 0 2 - 9 0 7 2 0 |
| 400 mA   non DIM | η 88 %     | 180-30-21  | 0 0 2 - 9 0 7 2 4 |
| 400 mA   DALI-2  | η 86 %     | 197-29-21  | 0 0 2 - 9 0 7 2 8 |
| 600 mA   non DIM | η 87 %     | 210-30-21  | 0 0 2 - 9 0 7 2 6 |
| 600 mA   DALI-2  | η 88 %     | 197-29-21  | 0 0 2 - 9 0 7 2 9 |

for surface versions revision opening required

### DIN RAIL COMPONENTS

| TYPE  | W-H-D (mm) | ORDER CODE            |
|---|------------|-----------------------|
| POWER SUPPLY 220-240V AC                      | 72-90-63   | 0 0 5 - 6 5 2 0 2 1 0 |
| 160 W   48V DC constant voltage               |            |                       |
| LED DRIVER DALI-2 DT6 1–2 addr.               | 36-88-59   | 0 0 5 - 6 1 2 1 0 3 0 |
| 200–1050 mA settable const. current           |            |                       |
| 2 × 42 W   48 V DC   U <sub>OUT</sub> 10–40 V |            |                       |

for more details and components see page 981

## Optical accessories

### HONEYCOMB LOUVER

| TYPE  | Ø-H (mm) | ORDER CODE            |
|-------|----------|-----------------------|
| BO 32 | 30·3     | 0 0 7 - 1 9 6 5 1 6 8 |
| BO 45 | 42·3     | 0 0 7 - 1 9 6 5 1 8 8 |
| BO 55 | 50·3     | 0 0 7 - 1 9 6 5 5 9 8 |

for more accessories see BO intrack

LUMINOUS FLUX value calculated for  
3000K/3500K, colour white, reflector flood  
2700K -6 %