



BO 32/45/55

semi-recessed/surface

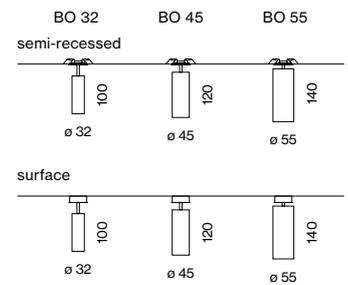
EN Cylindrical spotlight made of aluminium; surface powder coated; either with surface mounted housing or as ceiling recessed variant; spotlight head 350° rotatable and 90° tiltable; high-quality, aluminium, vapour deposition coated reflector with faceted design; precise radiation characteristics with 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

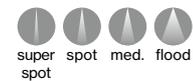
Types



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

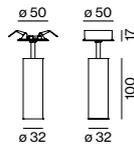
CRI ≥ 95, 2 SDCM

COLOUR TEMPERATURE

4000 K

CONTROL

Casambi

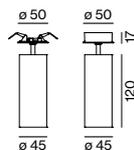


BO 32 semi-recessed / surface



ADJUSTABLE

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

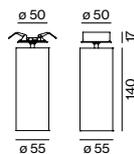


BO 45 semi-recessed / surface



ADJUSTABLE

| | | |
|---------------------|-----------------------|----------------------------|
| INSET POWER | LUMINOUS FLUX | ORDER CODE |
| 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 |



BO 55 semi-recessed / surface



ADJUSTABLE

| | | |
|---------------------|----------------------|--------------------------|
| INSET POWER | LUMINOUS FLUX | ORDER CODE |
| 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 48 V 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 _{OUT} 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
3000 K / 3500 K, colour white, reflector flood
2700 K -6 %