



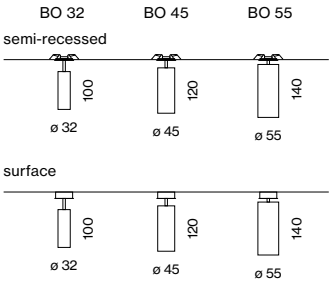




Quickinfo

2700 K, 3000 K, 3500 K
CRI ≥ 90, 2 SDCM
BO 32 up to 91 lm/W
BO 45 up to 103 lm/W
BO 55 up to 92 lm/W
L80 @ 50 000 h
non DIM, DALI-2

Types



Colours



standard

xal.com/colours

Light distributions



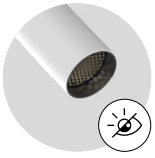
super spot | spot | med. | flood

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

IT Faretto cilindrico in alluminio; verniciatura a polvere; a scelta con armatura a plafone o da incasso; testata girevole 350° e orient. 90°; riflettore d'alta qualità con ottica sfaccettata in alluminio applicato a vapore; curva fotometrica precisa con diversi angoli di emissione; ottima schermatura con superficie di emissione arretrata; unità ottiche come accessori; con tecnologia COB (Chip on Board) per la massima efficienza; assenza di ombre multiple; LED ad efficienza energetica con elevata resa cromatica



glare control via honeycomb louver



350° rotatable, 90° tiltable

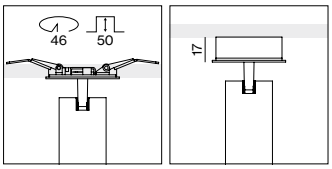


CRI ≥ 95, 2 SDCM

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* p. 992	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

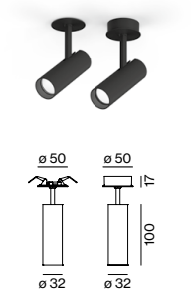
CRI ≥ 95, 2 SDCM

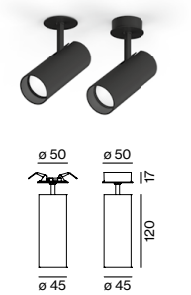
COLOUR TEMPERATURE

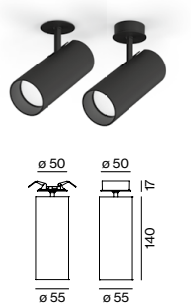
4000 K

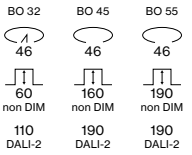
CONTROL

Casambi









BO 32 semi-recessed / surface

350° 90° | CRI ≥ 90 | 2-SDCM | 1 ADDR. | 250 mA | X-PERT | X-PERT

ADJUSTABLE

INSET POWER	LUMINOUS FLUX	ORDER CODE
8.8 W 36 Vf 250 mA	755 lm	049-6 ♁ 20 ⁘ 1 ◪ ▲

BO 45 semi-recessed / surface

350° 90° | CRI ≥ 90 | 2-SDCM | 1 ADDR. | 400 mA | X-PERT | X-PERT

ADJUSTABLE

INSET POWER	LUMINOUS FLUX	ORDER CODE
6.9 W 11 Vf 600 mA	super spot 356 lm	049-6 ♁ 30 ⁘ 1 ◪ V
12.8 W 37 Vf 350 mA	spot 1030 lm	049-6 ♁ 30 ⁘ 1 ◪ S
13.5 W 36 Vf 400 mA	medium, flood 1320 lm	049-6 ♁ 30 ⁘ 1 ◪ ▲

BO 55 semi-recessed / surface

350° 90° | CRI ≥ 90 | 2-SDCM | 1 ADDR. | 600 mA | X-PERT | X-PERT

ADJUSTABLE

INSET POWER	LUMINOUS FLUX	ORDER CODE
21.1 W 36 Vf 600 mA	1850 lm	049-6 ♁ 40 ⁘ 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	002-90742
250 mA | DALI-2	η 82 %	147·33·23	002-90743
350 mA | non DIM	η 85 %	180·30·21	002-90722
350 mA | DALI-2	η 85 %	197·29·21	002-90720
400 mA | non DIM	η 88 %	180·30·21	002-90724
400 mA | DALI-2	η 86 %	197·29·21	002-90728
600 mA | non DIM	η 87 %	210·30·21	002-90726
600 mA | DALI-2	η 88 %	197·29·21	002-90729

for surface versions revision opening required

DIN RAIL COMPONENTS

TYPE	W·H·D (mm)	ORDER CODE
POWER SUPPLY 220-240 V AC 160 W | 48V DC constant voltage	72·90·63	005-6520210
LED DRIVER DALI-2 DT6 1–2 addr. 200–1050 mA settable const. current 2 × 42W | 48V DC | U_{OUT} 10–40 V	36·88·59	005-6121030

for more details and components see page 981

Optical accessories

HONEYCOMB LOUVER

TYPE	Ø·H (mm)	ORDER CODE
BO 32	30·3	007-1965168
BO 45	42·3	007-1965188
BO 55	50·3	007-1965598

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