



BO PRO

xal.com/bopro



BO PRO 35/45/55

semi-recessed / surface

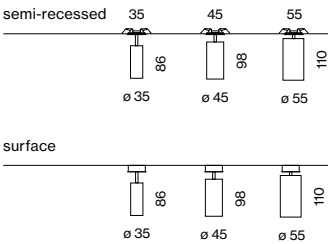
EN Cylindrical spotlight made of aluminium; surface powder coated; either with surface mounted housing or as ceiling recessed variant; spotlight head rotatable and tiltable; high quality lens system; precise radiation characteristics with different beam angles; installed and exchanged without tools; 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

ES Proyector cilíndrico de aluminio; superficie con recubrimiento de pintura en polvo; opcionalmente con carcasa superpuesta o como variante empotrada en el techo; cabezal de foco giratorio y orientable; óptica de alta calidad; característica de emisión precisa con diferentes ángulos de emisión; intercambiable sin herramienta; buen control del deslumbramiento mediante plano de punto de luz retranqueado; los accesorios ópticos como accesorios; con tecnología COB (Chip on Board) para eficiencia máxima; no proporciona sombras múltiples; LEDs de alta eficiencia que proporcionan una alta reproducción cromática

Quickinfo

2700 K, 3000 K, 3500 K
CRI ≥ 90, 2 SDCM
BO PRO 35 up to 830 lm | 110 lm/W
BO PRO 45 up to 1420 lm | 126 lm/W
BO PRO 55 up to 2200 lm | 131 lm/W
L85 @ 50 000 h
non DIM, DALI-2

Types



Colours



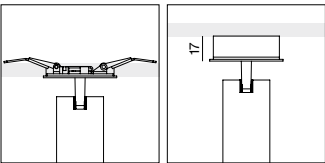
Light distributions



Order options

MOUNTING

semi-recessed ceiling clip	1
surface housing	2



COLOUR TEMPERATURE

2700 K	9
3000 K	0
3500 K	2

CONTROL

non DIM	1
DALI-2	3

MATERIAL COLOUR

○ traffic white RAL 9016	7
● jet black RAL 9005	8
● raw aluminium	0

BEAM ANGLE BO PRO 35

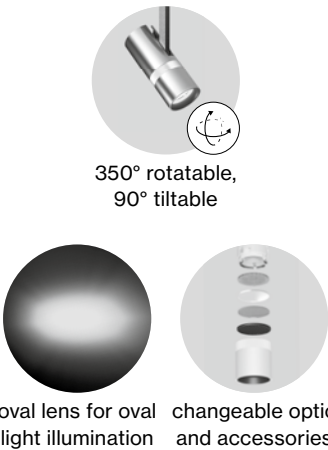
spot 20°	S
medium 30°	M
flood 38°	F
wide flood 50°	W

BEAM ANGLE BO PRO 45

spot 20°	S
medium 31°	M
flood 39°	F
wide flood 50°	W

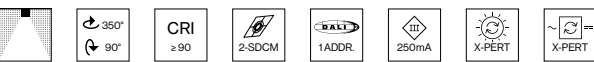
BEAM ANGLE BO PRO 55

spot 20°	S
medium 24°	M
flood 37°	F
wide flood 46°	W



LUMINOUS FLUX value calculated for 3500 K, CRI ≥ 90, colour white, medium 2700 K -6%, 3000 K -2%

BO PRO 35 semi-recessed / surface



ADJUSTABLE

INSET POWER	LUMINOUS FLUX	ORDER CODE
7.5 W 37 Vf 200 mA	spot 783 lm	0 4 9 - 1 5 2 0 :: 1 1 S
6.7 W 33 Vf 200 mA	med., flood, w.f. 832 lm	0 4 9 - 1 5 2 0 :: 1 1 A

BO PRO 45 semi-recessed / surface



ADJUSTABLE

INSET POWER	LUMINOUS FLUX	ORDER CODE
10.4 W 35 Vf 300 mA	spot 1206 lm	0 4 9 - 1 5 3 0 :: 1 1 S
10.0 W 33 Vf 300 mA	med., flood, w.f. 1420 lm	0 4 9 - 1 5 3 0 :: 1 1 A

BO PRO 55 semi-recessed / surface



ADJUSTABLE

INSET POWER	LUMINOUS FLUX	ORDER CODE
15.4 W 34 Vf 450 mA	spot 2188 lm	0 4 9 - 1 5 4 0 :: 1 1 S
14.8 W 33 Vf 450 mA	med., flood, w.f. 2200 lm	0 4 9 - 1 5 4 0 :: 1 1 A

Electrical accessories

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

TYPE	EFFICIENCY	L-W-H (mm)	ORDER CODE
200 mA non DIM	η 80 %	65-39-20	0 0 2 - 9 0 7 4 4
200 mA DALI-2	η 87 %	165-29-21	0 0 2 - 9 0 7 4 0
300 mA non DIM	η 84 %	85-40-22	0 0 2 - 9 0 7 7 1
300 mA DALI-2	η 87 %	165-29-21	0 0 2 - 9 0 7 9 5
450 mA non DIM	η 89 %	180-30-21	0 0 2 - 9 0 6 3 0
450 mA DALI-2	η 89 %	197-29-21	0 0 2 - 9 0 6 3 1

for surface versions revision opening required

DIN RAIL COMPONENTS

TYPE	W-H-D (mm)	ORDER CODE
POWER SUPPLY 220-240 V 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 black

TYPE	ORDER CODE
BO PRO 35	0 0 5 - 5 4 2 0 2 1 8
BO PRO 45	0 0 5 - 5 4 2 0 3 1 8
BO PRO 55	0 0 5 - 5 4 2 0 4 1 8

for more accessories see next page

Exchangeable optics

see next page

Order options

MATERIAL COLOUR 	
☐ traffic white RAL 9016	7
☒ jet black RAL 9005	8
☐ raw aluminium	0

BEAM ANGLE BO PRO 35 	
medium 30°	M
flood 38°	F
wide flood 50°	W

BEAM ANGLE BO PRO 45 	
medium 31°	M
flood 39°	F
wide flood 50°	W

BEAM ANGLE BO PRO 55 	
medium 24°	M
flood 37°	F
wide flood 46°	W

Optical accessories

HONEYCOMB LOUVER black	
TYPE	ORDER CODE
BO PRO 35	0 0 5 - 5 4 2 0 2 1 8
BO PRO 45	0 0 5 - 5 4 2 0 3 1 8
BO PRO 55	0 0 5 - 5 4 2 0 4 1 8

OVAL LENS	
TYPE	ORDER CODE
BO PRO 35	0 0 5 - 5 4 2 1 2 1 0
BO PRO 45	0 0 5 - 5 4 2 1 3 1 0
BO PRO 55	0 0 5 - 5 4 2 1 4 1 0

SOFT LENS	
TYPE	ORDER CODE
BO PRO 35	0 0 5 - 5 4 2 2 2 1 0
BO PRO 45	0 0 5 - 5 4 2 2 3 1 0
BO PRO 55	0 0 5 - 5 4 2 2 4 1 0

WALLWASHER LENS	
TYPE	ORDER CODE
BO PRO 35	0 0 5 - 5 4 2 3 2 1 0
BO PRO 45	0 0 5 - 5 4 2 3 3 1 0
BO PRO 55	0 0 5 - 5 4 2 3 4 1 0

LONG SNOOT	
TYPE	ORDER CODE
BO PRO 35	0 0 5 - 5 4 2 4 2 1 
BO PRO 45	0 0 5 - 5 4 2 4 3 1 
BO PRO 55	0 0 5 - 5 4 2 4 4 1 

Exchangeable optics

LENS	
TYPE	ORDER CODE
BO PRO 35	0 0 5 - 5 4 1 2 2 1 8 
BO PRO 45	0 0 5 - 5 4 1 2 3 1 8 
BO PRO 55	0 0 5 - 5 4 1 2 4 1 8 