



BO PRO 35/45/55

semi-recessed / surface

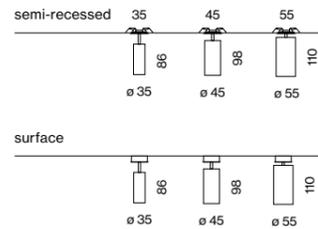
EN Cylindrical spotlight made of aluminium; surface powder coated; either with surface mounted housing or as ceiling recessed variant; spotlight head rotatable and tiltable; high quality lens system; precise radiation characteristics with different beam angles; installed and exchanged without tools;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

FR Spot cylindrique en aluminium ; surface thermolaquée ; au choix avec boîtier en saillie ou comme variante pour encastrement dans le plafond ; tête de spot pivotant et orientable ; optique lentille de grande qualité ; précision de caractéristique de rayonnement avec divers angles de diffusion ; Installation resp. remplacement sans outil ; bon anti-éblouissement grâce aux points lumineux en retrait ; éléments optiques comme accessoires ; avec technologie COB (Chip on Board) pour efficacité maximale ; pas de formation d'ombres multiples ; LED économes en énergie à restitution de couleur élevée

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

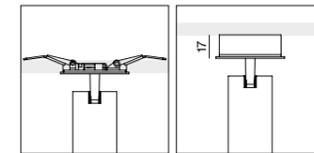


Light distributions



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



350° rotatable, 90° tiltable



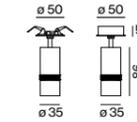
oval lens for oval light illumination changeable optic and accessories

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

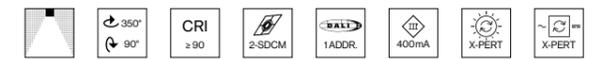
BO PRO 35 semi-recessed / surface



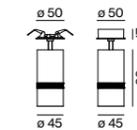
ADJUSTABLE			
INSET POWER	LUMINOUS FLUX	ORDER CODE	
7.5 W 37 Vf 200 mA	spot 783 lm	0 4 9 - 1 5 2 0 :: 1 S	
6.7 W 33 Vf 200 mA	med., flood, w.f. 832 lm	0 4 9 - 1 5 2 0 :: 1 S	



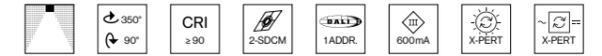
BO PRO 45 semi-recessed / surface



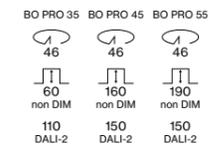
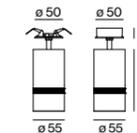
ADJUSTABLE			
INSET POWER	LUMINOUS FLUX	ORDER CODE	
10.4 W 35 Vf 300 mA	spot 1206 lm	0 4 9 - 1 5 3 0 :: 1 S	
10.0 W 33 Vf 300 mA	med., flood, w.f. 1420 lm	0 4 9 - 1 5 3 0 :: 1 S	



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 S	
14.8 W 33 Vf 450 mA	med., flood, w.f. 2200 lm	0 4 9 - 1 5 4 0 :: 1 S	



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 (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 x 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

<input type="radio"/> traffic white RAL 9016	7
<input checked="" type="radio"/> jet black RAL 9005	8
<input type="radio"/> 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	005-5420218
BO PRO 45	005-5420318
BO PRO 55	005-5420418

OVAL LENS

TYPE	ORDER CODE
BO PRO 35	005-5421210
BO PRO 45	005-5421310
BO PRO 55	005-5421410

SOFT LENS

TYPE	ORDER CODE
BO PRO 35	005-5422210
BO PRO 45	005-5422310
BO PRO 55	005-5422410

WALLWASHER LENS

TYPE	ORDER CODE
BO PRO 35	005-5423210
BO PRO 45	005-5423310
BO PRO 55	005-5423410

LONG SNOOT

TYPE	ORDER CODE
BO PRO 35	005-542421
BO PRO 45	005-542431
BO PRO 55	005-542441

Exchangeable optics

LENS

TYPE	ORDER CODE
BO PRO 35	005-5412218
BO PRO 45	005-5412318
BO PRO 55	005-5412418