

**XAL**

BO 32 / 45 / 55 / 70



## BO 32 / 45 / 55 / 70

intrack 1 | 2 | 3 lamps

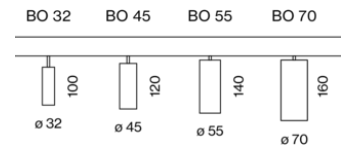
**EN** Track light made of die-cast aluminium; powder coated; spotlight head rotates 360° and tilts 90°; choice of single lamp, double lamps or triple lamp; converter in the adapter; with optional high quality lens system with precise radiation characteristic; or high quality, aluminium, vapour deposition 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 or high power LEDs - maximum efficiency; no multiple shadows; energy-eff. LEDs - very good colour rendering; adapter for toolless insertion or movement on a variety of 3-phase power tracks; adapter flush with the power track, available in white or black options

**ES** Proyector de carril electrificado de fundición de aluminio inyectado; recubierto de polvo; cabezal de proyector giratorio de 360° y orientable 90°; disponible con flujo de luz simple, doble o triple; driver en el adaptador; opcionalmente con sistema óptico de lentes de alta calidad con precisa característica de emisión; o reflector de alta calidad vaporizado de aluminio con revestimiento de facetas esféricas; característica de emisión precisa con diferentes ángulos de emisión; buen control del deslumbramiento mediante plano de punto de luz retranqueado; los accesorios ópticos como accesorios; tecnología COB (Chip on Board) o LEDs de alta potencia - máxima eficiencia; no sombras múltiples; LED energét. ef. - excelente reprod. crom.; adaptador para instalación sin herramientas o desplazamiento en diferentes carriles electrificados de 3 fases; adaptador enrasado con la barra conductora, opcionalmente blanco o negro

### Quickinfo

2700 K, 3000 K, 3500 K, 4000 K  
 CRI ≥ 90 / 2 SDCM (initial MacAdam), 3 SDCM (initial MacAdam)  
 hasta 101 lm/W  
 L80 / 50000 h, L85 / 50000 h  
 DALI-2  
 IP20

### Types



### Color



### Convertidor



### Distribución luminosa



only one adapter with 2 or 3 lamps



360° rotatable, 90° tiltable



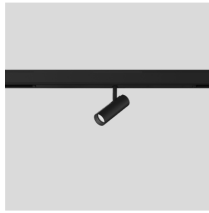
glare control via honeycomb louver



oval lens for oval light illumination



CRI ≥ 95 2 SDCM

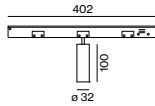


### BO 32 intrack 1 lamp



#### SPOT 18°, CRI ≥ 90, DALI-2

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
10.6 W	2700 K	730 lm	69 lm/W	1 8 0 - 7 1 3 0 4 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S
	3000 K	757 lm	71 lm/W	1 8 0 - 7 1 3 0 5 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S
	3500 K	774 lm	73 lm/W	1 8 0 - 7 1 3 0 7 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S
	4000 K	790 lm	75 lm/W	1 8 0 - 7 1 3 0 6 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S

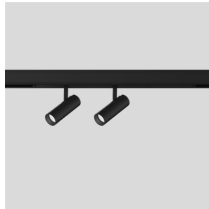


#### MEDIUM 23°, CRI ≥ 90, DALI-2

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
10.6 W	2700 K	751 lm	71 lm/W	1 8 0 - 7 1 3 0 4 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M
	3000 K	779 lm	73 lm/W	1 8 0 - 7 1 3 0 5 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M
	3500 K	796 lm	75 lm/W	1 8 0 - 7 1 3 0 7 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M
	4000 K	813 lm	77 lm/W	1 8 0 - 7 1 3 0 6 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M

#### FLOOD 37°, CRI ≥ 90, DALI-2

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
10.6 W	2700 K	748 lm	71 lm/W	1 8 0 - 7 1 3 0 4 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F
	3000 K	776 lm	73 lm/W	1 8 0 - 7 1 3 0 5 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F
	3500 K	793 lm	75 lm/W	1 8 0 - 7 1 3 0 7 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F
	4000 K	810 lm	76 lm/W	1 8 0 - 7 1 3 0 6 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F

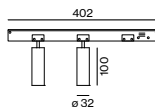


### BO 32 intrack 2 lamps



#### SPOT 18°, CRI ≥ 90, DALI-2

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
20.5 W	2700 K	1580 lm	77 lm/W	1 8 0 - 7 1 4 0 4 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S
	3000 K	1640 lm	80 lm/W	1 8 0 - 7 1 4 0 5 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S
	3500 K	1670 lm	81 lm/W	1 8 0 - 7 1 4 0 7 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S
	4000 K	1710 lm	83 lm/W	1 8 0 - 7 1 4 0 6 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S



#### MEDIUM 24°, CRI ≥ 90, DALI-2

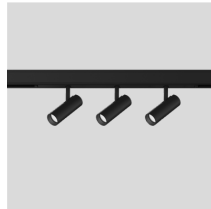
SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
20.5 W	2700 K	1640 lm	80 lm/W	1 8 0 - 7 1 4 0 4 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M
	3000 K	1700 lm	83 lm/W	1 8 0 - 7 1 4 0 5 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M
	3500 K	1740 lm	85 lm/W	1 8 0 - 7 1 4 0 7 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M
	4000 K	1780 lm	87 lm/W	1 8 0 - 7 1 4 0 6 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M

#### Order options

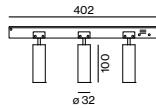
COLOUR	<input checked="" type="checkbox"/>	COLOUR	<input checked="" type="checkbox"/>	CONVERTER	<input checked="" type="checkbox"/>
special colours	X	traffic white RAL 9016	7	jet black RAL 9005	8
traffic white RAL 9016	7	jet black RAL 9005	8	traffic white RAL 9016	7
jet black RAL 9005	8				

**FLOOD 34°, CRI ≥ 90, DALI-2**

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
20.5 W	2700 K	1570 lm	77 lm/W	1 8 0 - 7 1 4 0 4 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F
	3000 K	1630 lm	80 lm/W	1 8 0 - 7 1 4 0 5 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F
	3500 K	1660 lm	81 lm/W	1 8 0 - 7 1 4 0 7 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F
	4000 K	1700 lm	83 lm/W	1 8 0 - 7 1 4 0 6 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F

**BO 32 intrack 3 lamps****SPOT 18°, CRI ≥ 90, DALI-2**

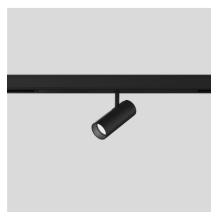
SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
32.0 W	2700 K	2370 lm	74 lm/W	1 8 0 - 7 1 5 0 4 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S
	3000 K	2450 lm	77 lm/W	1 8 0 - 7 1 5 0 5 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S
	3500 K	2510 lm	78 lm/W	1 8 0 - 7 1 5 0 7 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S
	4000 K	2560 lm	80 lm/W	1 8 0 - 7 1 5 0 6 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S

**MEDIUM 24°, CRI ≥ 90, DALI-2**

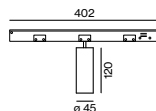
SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
32.0 W	2700 K	2470 lm	77 lm/W	1 8 0 - 7 1 5 0 4 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M
	3000 K	2560 lm	80 lm/W	1 8 0 - 7 1 5 0 5 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M
	3500 K	2610 lm	82 lm/W	1 8 0 - 7 1 5 0 7 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M
	4000 K	2670 lm	83 lm/W	1 8 0 - 7 1 5 0 6 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M

**FLOOD 34°, CRI ≥ 90, DALI-2**

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
32.0 W	2700 K	2350 lm	73 lm/W	1 8 0 - 7 1 5 0 4 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F
	3000 K	2440 lm	76 lm/W	1 8 0 - 7 1 5 0 5 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F
	3500 K	2490 lm	78 lm/W	1 8 0 - 7 1 5 0 7 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F
	4000 K	2550 lm	80 lm/W	1 8 0 - 7 1 5 0 6 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F

**BO 45 intrack 1 lamp****SUPER SPOT 8°, CRI ≥ 90, DALI-2**

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
8.4 W	2700 K	387 lm	46 lm/W	1 8 0 - 7 2 3 0 4 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> V
	3000 K	432 lm	51 lm/W	1 8 0 - 7 2 3 0 5 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> V
	3500 K	432 lm	51 lm/W	1 8 0 - 7 2 3 0 7 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> V
	4000 K	432 lm	51 lm/W	1 8 0 - 7 2 3 0 6 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> V



do not use optical filters

**Order options**

COLOUR	<input checked="" type="checkbox"/>	COLOUR	<input checked="" type="checkbox"/>	CONVERTER	<input checked="" type="checkbox"/>
special colours	X	traffic white RAL 9016	7	jet black RAL 9005	8
traffic white RAL 9016	7	jet black RAL 9005	8	traffic white RAL 9016	7
jet black RAL 9005	8				

**SPOT 12°, CRI ≥ 90, DALI-2**

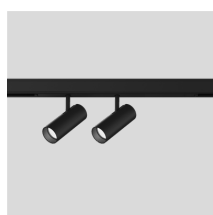
SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
15.0 W	2700 K	1120 lm	75 lm/W	1 8 0 - 7 2 3 0 4 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S
	3000 K	1160 lm	77 lm/W	1 8 0 - 7 2 3 0 5 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S
	3500 K	1190 lm	79 lm/W	1 8 0 - 7 2 3 0 7 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S
	4000 K	1210 lm	81 lm/W	1 8 0 - 7 2 3 0 6 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S

**MEDIUM 24°, CRI ≥ 90, DALI-2**

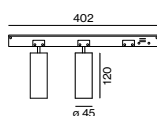
SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
15.8 W	2700 K	1350 lm	85 lm/W	1 8 0 - 7 2 3 0 4 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M
	3000 K	1410 lm	89 lm/W	1 8 0 - 7 2 3 0 5 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M
	3500 K	1440 lm	91 lm/W	1 8 0 - 7 2 3 0 7 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M
	4000 K	1470 lm	93 lm/W	1 8 0 - 7 2 3 0 6 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M

**FLOOD 36°, CRI ≥ 90, DALI-2**

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
15.8 W	2700 K	1390 lm	88 lm/W	1 8 0 - 7 2 3 0 4 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F
	3000 K	1440 lm	91 lm/W	1 8 0 - 7 2 3 0 5 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F
	3500 K	1470 lm	93 lm/W	1 8 0 - 7 2 3 0 7 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F
	4000 K	1510 lm	96 lm/W	1 8 0 - 7 2 3 0 6 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F

**BO 45 intrack 2 lamps****SUPER SPOT 8°, CRI ≥ 90, DALI-2**

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
14.1 W	2700 K	696 lm	49 lm/W	1 8 0 - 7 2 4 0 4 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> V
	3000 K	780 lm	55 lm/W	1 8 0 - 7 2 4 0 5 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> V
	3500 K	780 lm	55 lm/W	1 8 0 - 7 2 4 0 7 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> V
	4000 K	780 lm	55 lm/W	1 8 0 - 7 2 4 0 6 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> V



do not use optical filters

**SPOT 12°, CRI ≥ 90, DALI-2**

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
29.2 W	2700 K	2240 lm	77 lm/W	1 8 0 - 7 2 4 0 4 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S
	3000 K	2320 lm	79 lm/W	1 8 0 - 7 2 4 0 5 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S
	3500 K	2380 lm	82 lm/W	1 8 0 - 7 2 4 0 7 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S
	4000 K	2420 lm	83 lm/W	1 8 0 - 7 2 4 0 6 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S

**MEDIUM 24°, CRI ≥ 90, DALI-2**

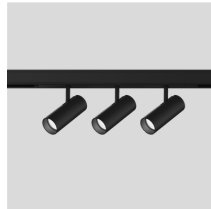
SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
31.0 W	2700 K	2700 lm	87 lm/W	1 8 0 - 7 2 4 0 4 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M
	3000 K	2820 lm	91 lm/W	1 8 0 - 7 2 4 0 5 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M
	3500 K	2880 lm	93 lm/W	1 8 0 - 7 2 4 0 7 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M
	4000 K	2940 lm	95 lm/W	1 8 0 - 7 2 4 0 6 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M

**Order options**

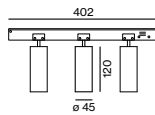
COLOUR	<input checked="" type="checkbox"/>	COLOUR	<input checked="" type="checkbox"/>	CONVERTER	<input checked="" type="checkbox"/>
special colours	X	traffic white RAL 9016	7	jet black RAL 9005	8
traffic white RAL 9016	7	jet black RAL 9005	8	traffic white RAL 9016	7
jet black RAL 9005	8				

**FLOOD 36°, CRI ≥ 90, DALI-2**

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
31.0 W	2700 K	2780 lm	90 lm/W	1 8 0 - 7 2 4 0 4 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F
	3000 K	2880 lm	93 lm/W	1 8 0 - 7 2 4 0 5 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F
	3500 K	2940 lm	95 lm/W	1 8 0 - 7 2 4 0 7 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F
	4000 K	3020 lm	97 lm/W	1 8 0 - 7 2 4 0 6 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F

**BO 45 intrack 3 lamps****SPOT 12°, CRI ≥ 90, DALI-2**

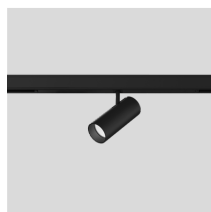
SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
44.0 W	2700 K	3360 lm	76 lm/W	1 8 0 - 7 2 5 0 4 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S
	3000 K	3480 lm	79 lm/W	1 8 0 - 7 2 5 0 5 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S
	3500 K	3570 lm	81 lm/W	1 8 0 - 7 2 5 0 7 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S
	4000 K	3630 lm	83 lm/W	1 8 0 - 7 2 5 0 6 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S

**MEDIUM 24°, CRI ≥ 90, DALI-2**

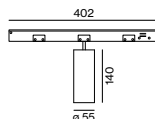
SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
40.0 W	2700 K	3630 lm	91 lm/W	1 8 0 - 7 2 5 0 4 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M
	3000 K	3750 lm	94 lm/W	1 8 0 - 7 2 5 0 5 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M
	3500 K	3840 lm	96 lm/W	1 8 0 - 7 2 5 0 7 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M
	4000 K	3930 lm	98 lm/W	1 8 0 - 7 2 5 0 6 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M

**FLOOD 36°, CRI ≥ 90, DALI-2**

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
40.0 W	2700 K	3720 lm	93 lm/W	1 8 0 - 7 2 5 0 4 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F
	3000 K	3840 lm	96 lm/W	1 8 0 - 7 2 5 0 5 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F
	3500 K	3930 lm	98 lm/W	1 8 0 - 7 2 5 0 7 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F
	4000 K	4020 lm	101 lm/W	1 8 0 - 7 2 5 0 6 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F

**BO 55 intrack 1 lamp****SPOT 17°, CRI ≥ 90, DALI-2**

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
24.5 W	2700 K	1980 lm	81 lm/W	1 8 0 - 7 3 3 0 4 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S
	3000 K	2060 lm	84 lm/W	1 8 0 - 7 3 3 0 5 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S
	3500 K	2110 lm	86 lm/W	1 8 0 - 7 3 3 0 7 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S
	4000 K	2150 lm	88 lm/W	1 8 0 - 7 3 3 0 6 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S

**Order options**

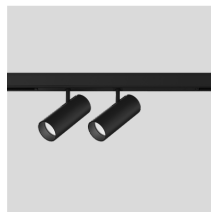
COLOUR	<input checked="" type="checkbox"/>	COLOUR	<input checked="" type="checkbox"/>	CONVERTER	<input checked="" type="checkbox"/>
special colours	X	traffic white RAL 9016	7	jet black RAL 9005	8
traffic white RAL 9016	7	jet black RAL 9005	8	traffic white RAL 9016	7
jet black RAL 9005	8				

**MEDIUM 31°, CRI ≥ 90, DALI-2**

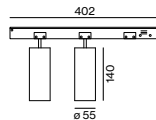
SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
24.5 W	2700 K	2000 lm	82 lm/W	1 8 0 - 7 3 3 0 4 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M
	3000 K	2080 lm	85 lm/W	1 8 0 - 7 3 3 0 5 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M
	3500 K	2130 lm	87 lm/W	1 8 0 - 7 3 3 0 7 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M
	4000 K	2180 lm	89 lm/W	1 8 0 - 7 3 3 0 6 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M

**FLOOD 37°, CRI ≥ 90, DALI-2**

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
24.5 W	2700 K	2010 lm	82 lm/W	1 8 0 - 7 3 3 0 4 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F
	3000 K	2090 lm	85 lm/W	1 8 0 - 7 3 3 0 5 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F
	3500 K	2140 lm	87 lm/W	1 8 0 - 7 3 3 0 7 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F
	4000 K	2190 lm	89 lm/W	1 8 0 - 7 3 3 0 6 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F

**BO 55 intrack 2 lamps****SPOT 17°, CRI ≥ 90, DALI-2**

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
41.0 W	2700 K	3540 lm	86 lm/W	1 8 0 - 7 3 4 0 4 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S
	3000 K	3680 lm	90 lm/W	1 8 0 - 7 3 4 0 5 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S
	3500 K	3760 lm	92 lm/W	1 8 0 - 7 3 4 0 7 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S
	4000 K	3840 lm	94 lm/W	1 8 0 - 7 3 4 0 6 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S

**MEDIUM 31°, CRI ≥ 90, DALI-2**

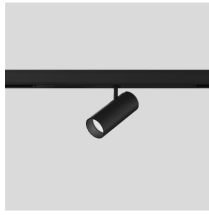
SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
41.0 W	2700 K	3580 lm	87 lm/W	1 8 0 - 7 3 4 0 4 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M
	3000 K	3720 lm	91 lm/W	1 8 0 - 7 3 4 0 5 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M
	3500 K	3800 lm	93 lm/W	1 8 0 - 7 3 4 0 7 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M
	4000 K	3880 lm	95 lm/W	1 8 0 - 7 3 4 0 6 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M

**FLOOD 37°, CRI ≥ 90, DALI-2**

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
41.0 W	2700 K	3600 lm	88 lm/W	1 8 0 - 7 3 4 0 4 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F
	3000 K	3740 lm	91 lm/W	1 8 0 - 7 3 4 0 5 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F
	3500 K	3820 lm	93 lm/W	1 8 0 - 7 3 4 0 7 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F
	4000 K	3920 lm	96 lm/W	1 8 0 - 7 3 4 0 6 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F

**Order options**

COLOUR	<input checked="" type="checkbox"/>	COLOUR	<input checked="" type="checkbox"/>	CONVERTER	<input checked="" type="checkbox"/>
special colours	X	traffic white RAL 9016	7	jet black RAL 9005	8
traffic white RAL 9016	7	jet black RAL 9005	8	traffic white RAL 9016	7
jet black RAL 9005	8				

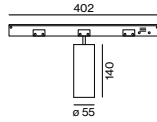


### BO 55 high efficient intrack 1 lamp



#### SPOT 17°, CRI ≥ 90, DALI-2

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
24.5 W	2700 K	1980 lm	81 lm/W	1 8 0 - 7 3 3 2 4 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S
	3000 K	2060 lm	84 lm/W	1 8 0 - 7 3 3 2 5 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S
	3500 K	2110 lm	86 lm/W	1 8 0 - 7 3 3 2 7 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S
	4000 K	2150 lm	88 lm/W	1 8 0 - 7 3 3 2 6 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S



#### MEDIUM 31°, CRI ≥ 90, DALI-2

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
24.5 W	2700 K	2000 lm	82 lm/W	1 8 0 - 7 3 3 2 4 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M
	3000 K	2080 lm	85 lm/W	1 8 0 - 7 3 3 2 5 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M
	3500 K	2130 lm	87 lm/W	1 8 0 - 7 3 3 2 7 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M
	4000 K	2180 lm	89 lm/W	1 8 0 - 7 3 3 2 6 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M

#### FLOOD 37°, CRI ≥ 90, DALI-2

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
24.5 W	2700 K	2010 lm	82 lm/W	1 8 0 - 7 3 3 2 4 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F
	3000 K	2090 lm	85 lm/W	1 8 0 - 7 3 3 2 5 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F
	3500 K	2140 lm	87 lm/W	1 8 0 - 7 3 3 2 7 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F
	4000 K	2190 lm	89 lm/W	1 8 0 - 7 3 3 2 6 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F

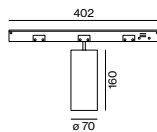


### BO 70 high efficient intrack 1 lamp



#### SPOT 15°, CRI ≥ 90, DALI-2

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
34.0 W	2700 K	3270 lm	96 lm/W	1 8 0 - 7 4 3 1 4 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S
	3000 K	3270 lm	96 lm/W	1 8 0 - 7 4 3 1 5 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S
	3500 K	3350 lm	99 lm/W	1 8 0 - 7 4 3 1 7 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S
	4000 K	3430 lm	101 lm/W	1 8 0 - 7 4 3 1 6 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S



#### MEDIUM 23°, CRI ≥ 90, DALI-2

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
34.0 W	2700 K	3140 lm	92 lm/W	1 8 0 - 7 4 3 1 4 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M
	3000 K	3140 lm	92 lm/W	1 8 0 - 7 4 3 1 5 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M
	3500 K	3220 lm	95 lm/W	1 8 0 - 7 4 3 1 7 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M
	4000 K	3290 lm	97 lm/W	1 8 0 - 7 4 3 1 6 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M

#### Order options

COLOUR	<input checked="" type="checkbox"/>	COLOUR	<input checked="" type="checkbox"/>	CONVERTER	<input checked="" type="checkbox"/>
special colours	X	traffic white RAL 9016	7	jet black RAL 9005	8
traffic white RAL 9016	7	jet black RAL 9005	8	traffic white RAL 9016	7
jet black RAL 9005	8				

**FLOOD 36°, CRI ≥ 90, DALI-2**

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
34.0 W	2700 K	3210 lm	94 lm/W	1 8 0 - 7 4 3 1 4 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F
	3000 K	3210 lm	94 lm/W	1 8 0 - 7 4 3 1 5 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F
	3500 K	3290 lm	97 lm/W	1 8 0 - 7 4 3 1 7 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F
	4000 K	3370 lm	99 lm/W	1 8 0 - 7 4 3 1 6 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F

**WIDE FLOOD 57°, CRI ≥ 90, DALI-2**

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
34.0 W	2700 K	2980 lm	88 lm/W	1 8 0 - 7 4 3 1 4 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> W
	3000 K	2980 lm	88 lm/W	1 8 0 - 7 4 3 1 5 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> W
	3500 K	3050 lm	90 lm/W	1 8 0 - 7 4 3 1 7 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> W
	4000 K	3120 lm	92 lm/W	1 8 0 - 7 4 3 1 6 3 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> W

**Optical accessories (optional)**



**HONEYCOMB LOUVER** for BO 32 | JUST 32 | MOVE IN 32 | TARO 32 | TILA 32

COLOUR	Ø-H (mm)	ORDER CODE
jet black	30-3	0 0 7 - 1 9 6 5 1 6 8



**HONEYCOMB LOUVER** for ARY | BO 45 | JUST 45 | MOVE IN 45 | TARO 45 | TULA micro

COLOUR	Ø-H (mm)	ORDER CODE
jet black	42-3	0 0 7 - 1 9 6 5 1 8 8



**HONEYCOMB LOUVER** for BO 55 | JUST 55 | SASSO 100

COLOUR	Ø-H (mm)	ORDER CODE
jet black	50-3	0 0 7 - 1 9 6 5 5 9 8

**HONEYCOMB LOUVER** for BO 70 | PABLO

COLOUR	Ø-H (mm)	ORDER CODE
jet black	61-3	0 8 0 - 5 9 0 0 0 1 8



**OVAL LENS** for BO 32 | MOVE IN 32 | TARO 32 | TILA 32

Ø-H (mm)	ORDER CODE
30-3	0 0 7 - 1 9 6 5 8 6 0



**OVAL LENS** for BO 45 | JUST 45 | MOVE IN 45 | TARO 45 | TULA micro

Ø-H (mm)	ORDER CODE
42-3	0 0 7 - 1 9 6 5 8 8 0

**OVAL LENS** for BO 55 | JUST 55

Ø-H (mm)	ORDER CODE
50-3	0 0 7 - 1 9 6 5 8 9 0

**Order options**

COLOUR	<input checked="" type="checkbox"/>	COLOUR	<input checked="" type="checkbox"/>	CONVERTER	<input checked="" type="checkbox"/>
special colours	X	traffic white RAL 9016	7	jet black RAL 9005	8
traffic white RAL 9016	7	jet black RAL 9005	8	traffic white RAL 9016	7
jet black RAL 9005	8				

	<b>SOFT LENS</b> for BO 32   MOVE IN 32   TARO 32   TILA 32	
	Ø-H (mm)	<b>ORDER CODE</b>
	30-3	0 0 7 - 1 9 6 5 9 6 0

	<b>SOFT LENS</b> for ARY   BO 45   JUST 45   MOVE IN 45   TARO 45   TULA micro	
	Ø-H (mm)	<b>ORDER CODE</b>
	42-3	0 0 7 - 1 9 6 5 9 8 0

	<b>SOFT LENS</b> for BO 55   JUST 55	
Ø-H (mm)	<b>ORDER CODE</b>	
50-3	0 0 7 - 1 9 6 5 9 9 0	

	<b>WALLWASHER LENS</b> for BO 32   MOVE IN 32   TARO 32   TILA 32	
	Ø-H (mm)	<b>ORDER CODE</b>
	30-3	0 0 7 - 1 9 6 5 7 6 0

	<b>WALLWASHER LENS</b> for ARY   BO 45   JUST 45   MOVE IN 45   TARO 45   TULA micro	
	Ø-H (mm)	<b>ORDER CODE</b>
	42-3	0 0 7 - 1 9 6 5 7 8 0

	<b>WALLWASHER LENS</b> for BO 55   JUST 55	
Ø-H (mm)	<b>ORDER CODE</b>	
50-3	0 0 7 - 1 9 6 5 7 9 0	

**Order options**

<b>COLOUR</b>	<input checked="" type="checkbox"/>	<b>COLOUR</b>	<input checked="" type="checkbox"/>	<b>CONVERTER</b>	<input checked="" type="checkbox"/>
<a href="#">special colours</a>	X	traffic white RAL 9016	7	jet black RAL 9005	8
traffic white RAL 9016	7	jet black RAL 9005	8	traffic white RAL 9016	7
jet black RAL 9005	8				

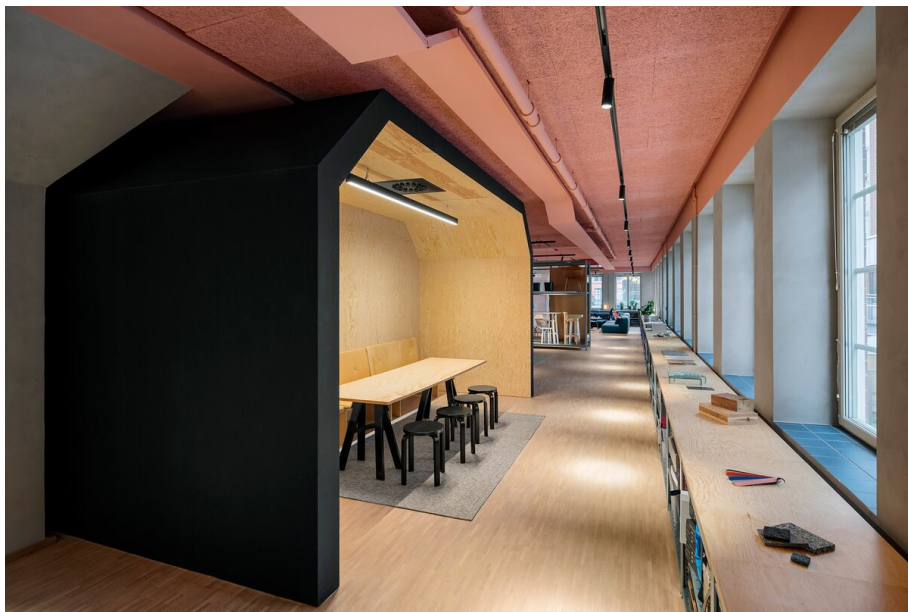
# Office Tengbom, Stockholm

Suecia

**Arquitecto**  
Tengbom

**Lighting Design**  
Ljusrum

**Fotografía**  
Felix Gerlach



## Productos utilizados



**MINO 60 ceiling /  
suspended system**



**BO 32 / 45 / 55 / 70  
intrack 1 | 2 | 3 lamps**







