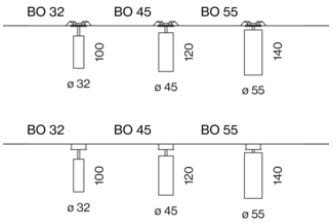


Quickinfo

2700 K, 3000 K, 3500 K
CRI ≥ 90 / 2 SDCM (initial MacAdam), 3 SDCM (initial MacAdam)
bis zu 110 lm/W
L85 / 50000 h, L90 / 100000 h
DALI-2, nicht dimmbar
IP20

Types



Farben



Lichtverteilung



BO 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; 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 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; wahlweise mit hochwertiger Linsenoptik mit präziser Abstrahlcharakteristik; oder 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 bzw. High-Power-LEDs für höchste Effizienz; keine Bildung von Mehrfachschatten; energieeffiziente LEDs mit sehr guter Farbwiedergabe



glare control via honeycomb louver

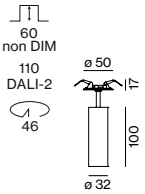


350° rotatable, 90° tiltable



CRI ≥ 95 2 SDCM (optional)





BO 32 semi-recessed

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

SPOT 18°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
8.7 W, 36 Vf, 250 mA	2700 K	788 lm	91 lm/W	049-612041 S
	3000 K	817 lm	94 lm/W	049-612051 S
	3500 K	835 lm	96 lm/W	049-612071 S

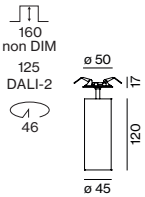
MEDIUM 24°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
8.7 W, 36 Vf, 250 mA	2700 K	821 lm	94 lm/W	049-612041 M
	3000 K	852 lm	98 lm/W	049-612051 M
	3500 K	870 lm	100 lm/W	049-612071 M

FLOOD 34°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
8.7 W, 36 Vf, 250 mA	2700 K	783 lm	90 lm/W	049-612041 F
	3000 K	813 lm	93 lm/W	049-612051 F
	3500 K	830 lm	96 lm/W	049-612071 F





BO 45 semi-recessed

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

SUPER SPOT 8°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
6.9 W, 11 Vf, 600 mA	2700 K	406 lm	59 lm/W	049-613041 V
	3000 K	432 lm	63 lm/W	049-613051 V
	3500 K	432 lm	63 lm/W	049-613071 V

SPOT 12°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
12.7 W, 37 Vf, 350 mA	2700 K	1140 lm	89 lm/W	049-613041 S
	3000 K	1180 lm	93 lm/W	049-613051 S
	3500 K	1200 lm	95 lm/W	049-613071 S

MEDIUM 24°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
13.4 W, 36 Vf, 400 mA	2700 K	1350 lm	101 lm/W	049-613041 M
	3000 K	1410 lm	105 lm/W	049-613051 M
	3500 K	1440 lm	107 lm/W	049-613071 M

Order options

COLOUR	
traffic white RAL 9016	7
jet black RAL 9005	8
special colours	X

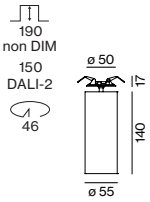
FLOOD 36°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
13.4 W, 36 Vf, 400 mA	2700 K	1390 lm	103 lm/W	049-613041 F
	3000 K	1440 lm	107 lm/W	049-613051 F
	3500 K	1470 lm	110 lm/W	049-613071 F



BO 55 semi-recessed





SPOT 17°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
20.9 W, 36 Vf, 600 mA	2700 K	1980 lm	95 lm/W	049-614041 S
	3000 K	2060 lm	99 lm/W	049-614051 S
	3500 K	2110 lm	101 lm/W	049-614071 S

MEDIUM 31°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
20.9 W, 36 Vf, 600 mA	2700 K	2000 lm	96 lm/W	049-614041 M
	3000 K	2080 lm	100 lm/W	049-614051 M
	3500 K	2130 lm	102 lm/W	049-614071 M

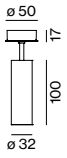
FLOOD 37°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
20.9 W, 36 Vf, 600 mA	2700 K	2010 lm	97 lm/W	049-614041 F
	3000 K	2090 lm	100 lm/W	049-614051 F
	3500 K	2140 lm	103 lm/W	049-614071 F



BO 32 surface





SPOT 18°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
8.7 W, 36 Vf, 250 mA	2700 K	788 lm	91 lm/W	049-622041 S
	3000 K	817 lm	94 lm/W	049-622051 S
	3500 K	835 lm	96 lm/W	049-622071 S

revision opening for power supply required

Order options

COLOUR	
traffic white RAL 9016	7
jet black RAL 9005	8
special colours	X

MEDIUM 24°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
8.7 W, 36 Vf, 250 mA	2700 K	821 lm	94 lm/W	049-622041 M
	3000 K	852 lm	98 lm/W	049-622051 M
	3500 K	870 lm	100 lm/W	049-622071 M

revision opening for power supply required

FLOOD 34°, CRI ≥ 90

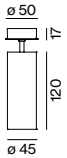
FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
8.7 W, 36 Vf, 250 mA	2700 K	783 lm	90 lm/W	049-622041 F
	3000 K	813 lm	93 lm/W	049-622051 F
	3500 K	830 lm	96 lm/W	049-622071 F

revision opening for power supply required



BO 45 surface





SUPER SPOT 8°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
6.9 W, 11 Vf, 600 mA	2700 K	406 lm	59 lm/W	049-623041 V
	3000 K	432 lm	63 lm/W	049-623051 V
	3500 K	432 lm	63 lm/W	049-623071 V

revision opening for power supply required

SPOT 12°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
12.7 W, 37 Vf, 350 mA	2700 K	1140 lm	89 lm/W	049-623041 S
	3000 K	1180 lm	93 lm/W	049-623051 S
	3500 K	1200 lm	95 lm/W	049-623071 S

revision opening for power supply required

MEDIUM 24°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
13.4 W, 36 Vf, 400 mA	2700 K	1350 lm	101 lm/W	049-623041 M
	3000 K	1410 lm	105 lm/W	049-623051 M
	3500 K	1440 lm	107 lm/W	049-623071 M

revision opening for power supply required

FLOOD 36°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
13.4 W, 36 Vf, 400 mA	2700 K	1390 lm	103 lm/W	049-623041 F
	3000 K	1440 lm	107 lm/W	049-623051 F
	3500 K	1470 lm	110 lm/W	049-623071 F

revision opening for power supply required

Order options

COLOUR	
traffic white RAL 9016	7
jet black RAL 9005	8
special colours	X



BO 55 surface





SPOT 17°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
20.9 W, 36 Vf, 600 mA	2700 K	1980 lm	95 lm/W	049-624041 S
	3000 K	2060 lm	99 lm/W	049-624051 S
	3500 K	2110 lm	101 lm/W	049-624071 S

revision opening for power supply required

MEDIUM 31°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
20.9 W, 36 Vf, 600 mA	2700 K	2000 lm	96 lm/W	049-624041 M
	3000 K	2080 lm	100 lm/W	049-624051 M
	3500 K	2130 lm	102 lm/W	049-624071 M

revision opening for power supply required

FLOOD 37°, CRI ≥ 90

FIXTURE	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
20.9 W, 36 Vf, 600 mA	2700 K	2010 lm	97 lm/W	049-624041 F
	3000 K	2090 lm	100 lm/W	049-624051 F
	3500 K	2140 lm	103 lm/W	049-624071 F

revision opening for power supply required

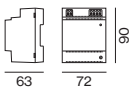
Electrical accessories (required)

POWER SUPPLY 198-264 V AC

TYPE	EFFICIENCY	L·W·H (mm)	ORDER CODE
350 mA | 15 W | DALI-2 | PC2	η 87 %	166·29·21	002-907220
350 mA | 22 W | non DIM | PC2	η 89 %	180·30·21	002-907222
400 mA | 22 W | non DIM | PC2	η 89 %	180·30·21	002-907224
600 mA | 30 W | non DIM | PC1	η 89 %	180·30·21	002-907226
400 mA | 15 W | DALI-2 | PC2	η 87 %	166·29·21	002-907228
600 mA | 40 W | DALI-2 | PC2	η 89 %	197·29·21	002-907229
250 mA | 10 W | non DIM | PC2	η 80 %	65·39·20	002-907242
250 mA | 10 W | DALI-2 | PC2	η 82 %	166·29·21	002-907243

2 power supplies for 2 lamps variants necessary

Electrical accessories (optional)



DIN RAIL POWER SUPPLY BASIC 48 V

TYPE	INPUT VOLTAGE	EFFICIENCY	L·W·H (mm)	ORDER CODE
160 W | PC2	220-240 V AC	η 94 %	72·90·63	005-652021 0

Lifetime >100.000 h @ 120 W, 45°C ambient temp., cascadable max. 3 devices

Order options

COLOUR	
traffic white RAL 9016	7
jet black RAL 9005	8
special colours	X

DIN RAIL LED DRIVER

TYPE	L·W·H (mm)	ORDER CODE
DALI-2 DT6 1-2 addresses / DT8 1 adress	36·88·59	005-612103 0

200 -1050 mA settable const. current | 2×42W | 48V DC | U OUT 10–40 V SELV

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	007-1965168



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	007-1965188



HONEYCOMB LOUVER for BO 55 | JUST 55 | SASSO 100

COLOUR	Ø·H (mm)	ORDER CODE
jet black	50·3	007-1965598



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

Ø·H (mm)	ORDER CODE
30·7	007-1965860



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

Ø·H (mm)	ORDER CODE
42·7	007-1965880

OVAL LENS for BO 55 | JUST 55

Ø·H (mm)	ORDER CODE
50·3	007-1965890



SOFT LENS for BO 32 | MOVE IN 32 | TARO 32 | TILA 32

Ø·H (mm)	ORDER CODE
30·7	007-1965960



SOFT LENS for ARY | BO 45 | JUST 45 | MOVE IN 45 | TARO 45 | TULA micro

Ø·H (mm)	ORDER CODE
42·7	007-1965980

SOFT LENS for BO 55 | JUST 55

Ø·H (mm)	ORDER CODE
50·3	007-1965990



WALLWASHER LENS for BO 32 | MOVE IN 32 | TARO 32 | TILA 32

Ø·H (mm)	ORDER CODE
30·7	007 - 1965760



WALLWASHER LENS for ARY | BO 45 | JUST 45 | MOVE IN 45 | TARO 45 | TULA micro

Ø·H (mm)	ORDER CODE
42·7	007 - 1965780

WALLWASHER LENS for BO 55 | JUST 55

Ø·H (mm)	ORDER CODE
50·3	007 - 1965790

Equinix, Amsterdam

Niederlande

Architekt
KABAZ Architects,
Hilversum NL

Fotograf
Kabaz



Verwendete Produkte



BO semi-recessed / surface



MINO 60 ceiling / suspended system

No liability is assumed for typographical or printing errors.
© XAL GmbH · Auer-Welsbach-Gasse 36 · 8055 Graz · Austria · www.xal.com









Wohnhaus Pferdeblick, Austria

Österreich

Architekt
Baukooperative GmbH

Lighting Design
Baukooperative GmbH

Fotograf
Schreyer David



Verwendete Produkte



BO semi-recessed / surface



MOVE IT 25 surface / suspended system



JUST 45 MOVE IT 25 / 25 S / 45

No liability is assumed for typographical or printing errors.
© XAL GmbH · Auer-Welsbach-Gasse 36 · 8055 Graz · Austria · www.xal.com






SBC





