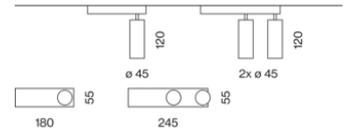




**Quickinfo**

2700 K, 3000 K, 3500 K  
 CRI ≥ 90 / 2 SDCM (initial MacAdam), 3 SDCM (initial MacAdam)  
 up to 96 lm/W  
 L80 / 50000 h, L85 / 50000 h  
 DALI-2, non DIM  
 IP20

**Types**



**Colour**



**Light distributions**



**BO 45 base**

surface

**EN** Cylindrical spotlight made of aluminium; surface powder coated; spotlight head 350° / 330° (1 lamp / 2 lamps) rotatable and 90° tiltable; choice of single lamp or double lamps; surface mounted housing in aluminium incl. converter; mounting plate with pre-assembled converter unit can be pre-mounted; luminaire housing can be attached without tools by interlock; 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; Strahlerkopf 350° / 330° (1-flammig / 2-flammig) dreh- und 90° schwenkbar; wahlweise einflammig oder zweiflammig; Anbaugehäuse aus Aluminium inkl. Konverter; Montageplatte mit vormontierter Konvertereinheit vorab montierbar; Leuchtenkörper mittels Verriegelung werkzeuglos aufsetzbar; 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 45 base surface 1 lamp



#### SUPER SPOT 8°, CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
8.4 W	2700 K	391 lm	47 lm/W	0 4 9 - 6 3 3 0 4 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> V
	3000 K	432 lm	51 lm/W	0 4 9 - 6 3 3 0 5 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> V
	3500 K	432 lm	51 lm/W	0 4 9 - 6 3 3 0 7 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> V

do not use optical filters

#### SPOT 12°, CRI ≥ 90

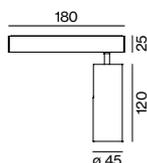
SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
15.0 W	2700 K	1140 lm	76 lm/W	0 4 9 - 6 3 3 0 4 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S
	3000 K	1180 lm	79 lm/W	0 4 9 - 6 3 3 0 5 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S
	3500 K	1200 lm	80 lm/W	0 4 9 - 6 3 3 0 7 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S

#### MEDIUM 24°, CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
15.7 W	2700 K	1340 lm	85 lm/W	0 4 9 - 6 3 3 0 4 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M
	3000 K	1390 lm	89 lm/W	0 4 9 - 6 3 3 0 5 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M
	3500 K	1430 lm	91 lm/W	0 4 9 - 6 3 3 0 7 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> M

#### FLOOD 36°, CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
15.7 W	2700 K	1370 lm	87 lm/W	0 4 9 - 6 3 3 0 4 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F
	3000 K	1430 lm	91 lm/W	0 4 9 - 6 3 3 0 5 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F
	3500 K	1460 lm	93 lm/W	0 4 9 - 6 3 3 0 7 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> F



### BO 45 base surface 2 lamps



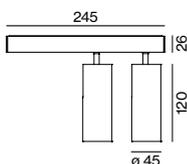
#### SUPER SPOT 8°, CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
14.1 W	2700 K	704 lm	50 lm/W	0 4 9 - 6 4 3 0 4 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> V
	3000 K	780 lm	55 lm/W	0 4 9 - 6 4 3 0 5 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> V
	3500 K	780 lm	55 lm/W	0 4 9 - 6 4 3 0 7 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> V

do not use optical filters

#### SPOT 12°, CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
29.2 W	2700 K	2280 lm	78 lm/W	0 4 9 - 6 4 3 0 4 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S
	3000 K	2360 lm	81 lm/W	0 4 9 - 6 4 3 0 5 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S
	3500 K	2400 lm	82 lm/W	0 4 9 - 6 4 3 0 7 <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> S



#### Order options

CONTROL		COLOUR	
non DIM	1	special colours	X
DALI-2	3	traffic white RAL 9016	7
		jet black RAL 9005	8

**MEDIUM 24°, CRI ≥ 90**

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
27.4 W	2700 K	2420 lm	88 lm/W	0 4 9 - 6 4 3 0 4 <input type="checkbox"/> F
	3000 K	2500 lm	91 lm/W	0 4 9 - 6 4 3 0 5 <input type="checkbox"/> F
	3500 K	2560 lm	93 lm/W	0 4 9 - 6 4 3 0 7 <input type="checkbox"/> F

**FLOOD 36°, CRI ≥ 90**

SYSTEM	COLOUR TEMP.	LUM. FLUX	EFFICACY	ORDER CODE
27.4 W	2700 K	2480 lm	91 lm/W	0 4 9 - 6 4 3 0 4 <input type="checkbox"/> F
	3000 K	2560 lm	93 lm/W	0 4 9 - 6 4 3 0 5 <input type="checkbox"/> F
	3500 K	2620 lm	96 lm/W	0 4 9 - 6 4 3 0 7 <input type="checkbox"/> F

**Optical accessories (optional)****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

**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

**SOFT LENS** for ARY | 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 9 8 0

**WALLWASHER LENS** for ARY | 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 7 8 0

**Order options**

CONTROL		COLOUR	
non DIM	1	<a href="#">special colours</a>	X
DALI-2	3	traffic white RAL 9016	7
		jet black RAL 9005	8