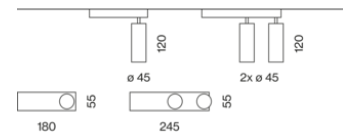




## Quickinfo

2700 K, 3000 K, 3500 K  
 CRI  $\geq 90$  / 2 SDCM, 3 SDCM  
 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



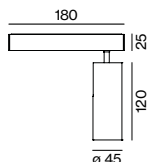
glare control  
via honeycomb  
louwer



350° rotatable,  
90° tiltable



CRI  $\geq 95$  2  
SDCM  
(optional)



## BO 45 base surface 1 lamp



### SUPER SPOT CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	SYSTEM	ORDER CODE
9.2 W	2700 K	406 lm	44 lm/W	0 4 9 - 6 3 3 0 4   V
	3500 K	437 lm	48 lm/W	0 4 9 - 6 3 3 0 7   V
9.3 W	3000 K	346 lm	37 lm/W	0 4 9 - 6 3 3 0 5   V

do not use optical filters

### SPOT CRI ≥ 90

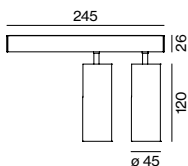
SYSTEM	COLOUR TEMP.	LUM. FLUX	SYSTEM	ORDER CODE
15.0 W	2700 K	1140 lm	76 lm/W	0 4 9 - 6 3 3 0 4   S
	3000 K	1180 lm	79 lm/W	0 4 9 - 6 3 3 0 5   S
	3500 K	1200 lm	80 lm/W	0 4 9 - 6 3 3 0 7   S

### MEDIUM CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	SYSTEM	ORDER CODE
15.7 W	2700 K	1340 lm	85 lm/W	0 4 9 - 6 3 3 0 4   M
	3000 K	1390 lm	89 lm/W	0 4 9 - 6 3 3 0 5   M
	3500 K	1430 lm	91 lm/W	0 4 9 - 6 3 3 0 7   M

### FLOOD CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	SYSTEM	ORDER CODE
15.7 W	2700 K	1370 lm	87 lm/W	0 4 9 - 6 3 3 0 4   F
	3000 K	1430 lm	91 lm/W	0 4 9 - 6 3 3 0 5   F
	3500 K	1460 lm	93 lm/W	0 4 9 - 6 3 3 0 7   F



## BO 45 base surface 2 lamps



### SUPER SPOT CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	SYSTEM	ORDER CODE
14.1 W	2700 K	732 lm	52 lm/W	0 4 9 - 6 4 3 0 4   V
	3500 K	786 lm	56 lm/W	0 4 9 - 6 4 3 0 7   V
14.2 W	3000 K	624 lm	44 lm/W	0 4 9 - 6 4 3 0 5   V

do not use optical filters

### SPOT CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	SYSTEM	ORDER CODE
29.9 W	2700 K	2280 lm	76 lm/W	0 4 9 - 6 4 3 0 4   S
	3000 K	2360 lm	79 lm/W	0 4 9 - 6 4 3 0 5   S
	3500 K	2400 lm	80 lm/W	0 4 9 - 6 4 3 0 7   S







### MEDIUM CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	SYSTEM	ORDER CODE
27.4 W	2700 K	2420 lm	88 lm/W	0 4 9 - 6 4 3 0 4   M
	3000 K	2500 lm	91 lm/W	0 4 9 - 6 4 3 0 5   M
	3500 K	2560 lm	93 lm/W	0 4 9 - 6 4 3 0 7   M

## Order options

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

FLOOD CRI ≥ 90

SYSTEM	COLOUR TEMP.	LUM. FLUX	SYSTEM	ORDER CODE
27.4 W	2700 K	2480 lm	91 lm/W	0 4 9 - 6 4 3 0 4   F
	3000 K	2560 lm	93 lm/W	0 4 9 - 6 4 3 0 5   F
	3500 K	2620 lm	96 lm/W	0 4 9 - 6 4 3 0 7   F

Optical accessories (optional)

HONEYCOMB LOUVER

TYPE	COLOUR	Ø-H (mm)	ORDER CODE
for BO 45   JUST 45   MOVE IN 45   TARO 45   TULA micro	jet black	42.3	0 0 7 - 1 9 6 5 1 8 8

OVAL LENS

TYPE	Ø-H (mm)	ORDER CODE
for BO 45   MOVE IN 45   TULA micro	42.3	0 0 7 - 1 9 6 5 8 8 0



SOFT LENS

TYPE	Ø-H (mm)	ORDER CODE
for ARY   BO 45   MOVE IN 45   TULA micro	42.3	0 0 7 - 1 9 6 5 9 8 0

WALLWASHER LENS

TYPE	Ø-H (mm)	ORDER CODE
for ARY   BO 45   MOVE IN 45   TULA micro	42.3	0 0 7 - 1 9 6 5 7 8 0

Order options

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