

BO 70

basic / focus

xal.com/bo



Quickinfo

GENERAL

track light
IP20

LED

COB LED module
up to 88 lm/W
3000 K, 4000 K
CRI ≥ 90
Binning initial ≤ 3 MacAdam

ESTIMATED LED LIFETIME

L80/50 000 h

OPTICAL

direct illumination
beam angle 18°, 24°, 36°, 58°
beam angle (focus) 17–47°

ELECTRICAL

non DIM, DIM DALI

PHYSICAL

aluminium
powder-coated
polycarbonate driver housing

Description

DE Stromschienenstrahler aus Aluminiumdruckguss; Oberfläche weiß oder schwarz pulverbeschichtet; Strahlerkopf 355° dreh- und 180° schwenkbar; optimiert für Einbau in einem CANYON 50 Kanal, Adapter verschwindet im Kanal; Konverter im Kunststoffadapter integriert; mit COB (Chip on Board) Technologie für höchste Effizienz; keine Bildung von Mehrfachschatten; energieeffiziente LEDs mit sehr guter Farbwiedergabe; Binning initial ≤ 3 MacAdam; lieferbar in den Lichtfarben 3000 K und 4000 K; CRI ≥ 90; min. 80% des Lichtstromes nach 50 000 h Lebensdauer BO 70 basic: hochwertiger Aluminiumreflektor mit sphärischer Facettenoptik; hochglänzend eloxiert; präzise Abstrahlcharakteristik mit vier verschiedenen Ausstrahlwinkeln; werkzeuglos einsetz- bzw. austauschbar; BO 70 focus: inkl. hochwertiger plan-konvexer Glaslinse; exakte Objekt-Fokussierung durch justierbare Linse; Ausstrahlwinkel von 17-47° einstellbar; Fokussierung mittels gummiertem Verstellring am Strahlerkopf; Schutzart IP20; SK I; Adapter für werkzeugloses Einsetzen bzw. Verschieben in verschiedenen 3-phasen Stromschielen; optional DALI-dimmbar

EN Track light made of die-cast aluminium; surface powder coated in white or black; spot-light head 355° rotatable and 180° tiltable; optimised for installation in CANYON 50 channel, adapter disappears into channel; Integrated converter in the plastic adapter; COB (Chip on Board) technology for maximum efficiency; no multiple shadows; energy-efficient LEDs with very good colour rendering; binning initial ≤ 3 MacAdam; available in the light colours 3000K and 4000 K; CRI ≥ 90; min. 80% of the luminous flux after 50 000 hours; BO 70 basic: high quality aluminium reflector with spherical facet finish; high-gloss anodised; precise radiation characteristic with four different beam angles; installed and exchanged without tools; BO 70 focus: incl. high quality plano-convex glass lens; precise object focusing through adjustable lens; adjustable beam angle of 17-47°; focusing by means of rubberised adjusting ring on the spotlight head; protection class IP20; PC I; adapter for toolless insertion or movement on a variety of 3-phase power tracks; optional DALI dimmable

CANYON 50
offset

[page 738](#)



CANYON 50
surface / susp.

[page 742](#)



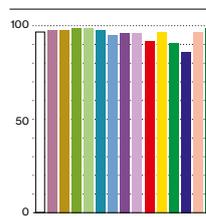
Features



optimised adaptor for
CANYON 50



adjustable beam angle
17–47° (BO 70 focus)



CRI ≥ 90 (R9 > 90)

Standard configuration

COLOUR TEMPERATURE ⋮
3000K 5

CONTROL ⬆
non DIM 1

MATERIAL COLOUR ▣
white 7
black 8



BEAM ANGLE ▲
flood 36° F

Extended configuration

COLOUR TEMPERATURE ⋮
4000K 6

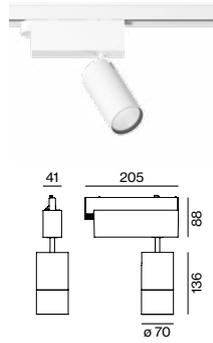
CONTROL ⬆
DIM DALI 3

MATERIAL COLOUR ▣
white/black adaptor housing P



+5% surcharges

BEAM ANGLE ▲
spot 18° S
medium 24° M
wide flood 58° W



BO 70 basic



SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
26 W	3000 K 4000 K	2180 lm 2330 lm	0 5 3 - 3 2 4 1 ⋮ ⬆ ▲

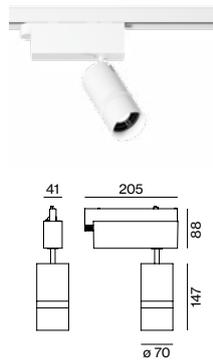
luminous flux spot 18°

LIGHT DISTRIBUTION for 26 W, 3000 K

spot 18°			medium 24°			flood 36°		
h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)
1	13907	ø0,31	1	9006	ø0,42	1	5279	ø0,65
2	3476	ø0,62	2	2251	ø0,84	2	1319	ø1,31
3	1545	ø0,93	3	1000	ø1,27	3	586	ø1,96
4	869	ø1,24	4	562	ø1,69	4	329	ø2,61
5	556	ø1,55	5	360	ø2,11	5	211	ø3,27

wide flood 58°

h (m)	E (lx)	ø (m)
1	2223	ø1,12
2	555	ø2,24
3	247	ø3,35
4	138	ø4,47
5	88	ø5,59



BO 70 focus



SYSTEM POWER	COLOUR TEMP.	LUMINOUS FLUX	ORDER CODE
23 W	3000 K 4000 K	1260 lm 1360 lm	0 5 3 - 3 4 4 1 ⋮ ⬆ ▲

LIGHT DISTRIBUTION for 3000 K

min. angle 17°			max. angle 47°		
h (m)	E (lx)	ø (m)	h (m)	E (lx)	ø (m)
1	5316	ø0,30	1	2187	ø0,87
2	1329	ø0,60	2	546	ø1,74
3	590	ø0,89	3	243	ø2,60
4	332	ø1,19	4	136	ø3,47
5	212	ø1,49	5	87	ø4,34

Inspiration

Taschen Store
Berlin, Germany

ARCHITECT
SPIESS Interior Design
Dresden, Germany

LIGHTING DESIGN
Salvatore Licitra
Alberto Stampanoni
Milan, Italy

PRODUCT
TRACK 3-phase recessed
BO 70 basic

