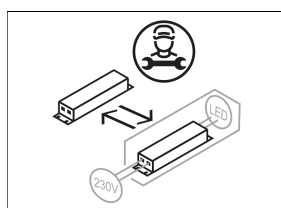
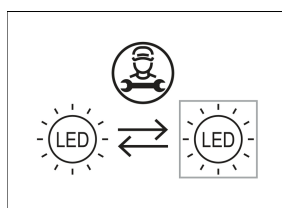
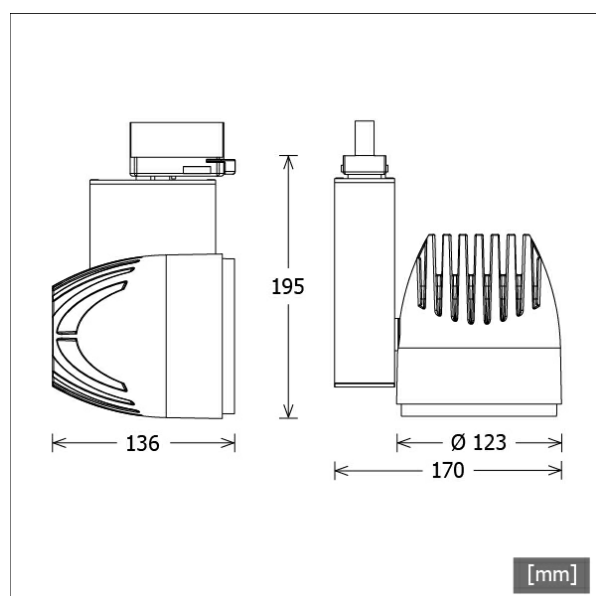


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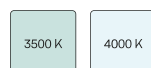
Colours	Article no.	EAN
black	646452	4043544536778
silver	646453	4043544536785
white	646454	4043544536792



Description

- flexible track-mounted spotlight in separated design with organically formed light-head
- luminaire rotates through 355° and light-head pivots through 90°
- outstanding ease of maintenance
- no UV and thermal emissions
- innovative thermal management with design-integrated passive cooling
- specular aluminium reflector with precise symmetrical beam characteristic for high luminous efficiency and glare-free lighting
- light-head made from die-cast aluminium
- ballast housing made from aluminium
- clear and reflection-free EnergyVision safety glass
- 3-phase track adapter DALI (Eutrac)
- ballast (LED converter DALI, dimmable) integrated

Standard options



Special options



Lighting data / Norms

Lamps	LED Spot / CRI 80 / 3000 K
EPREL light sources	848104
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	51.0 W
Luminaire luminous flux	5200 lm
System efficiency	101.96 lm/W
Module efficiency	163.73 lm/W
UGR class	≤19
Beam angle	15°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	I
Type of protection	IP20

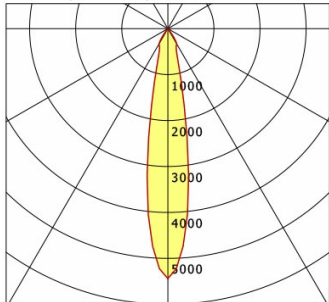
Dimensions / Weights

Length	136 mm
Width	170 mm
Height	195 mm
Diameter of light head	123 mm
Net weight	1.60 kg
Gross weight	1.80 kg

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BixxL 200 (1xLED 51W 830/3000K 5200lm 15 °)

— C0/C180 — cd / 1000 lm



	C0	C90	C180	C270
0°	5439	5439	5439	5439
15°	1031	1031	1031	1031
30°	382	382	382	382
45°	5	5	5	5
60°	3	3	3	3
75°	2	2	2	2
90°	0	0	0	0
cd / 1000 lm				

Offset [m] Cone width [m] Illuminance [lx]

Offset [m]	Cone width [m]	Illuminance [lx]
3.0	0.98	3142.2
6.0	1.95	785.6
9.0	2.93	349.1
12.0	3.90	196.4
15.0	4.88	125.7

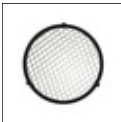
η	LED
Efficiency	102 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	51 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	18.6
UGR C90/C270	18.6
CIE Flux Codes	99 99 100 100 100
Ra/CRI	> 80

LTS

Accessories



ZBK 98
anti-glare flaps



ZBW 84
honeycomb louvre