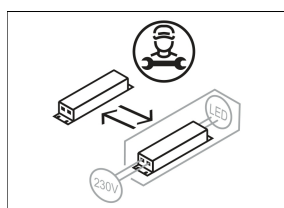
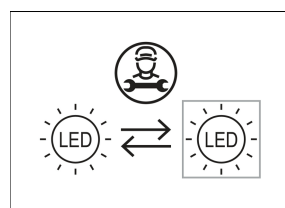
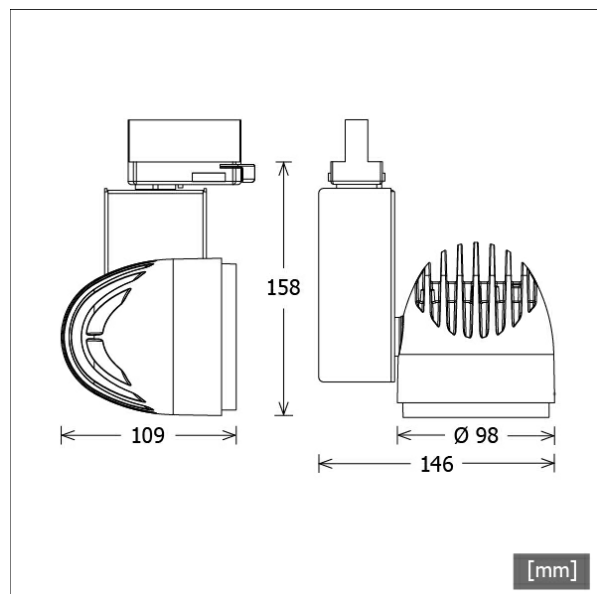




BIXX-T 102.840.50



Colours	Article no.	EAN
silver	664790	4043544739261
black	664791	4043544739278
white	664792	4043544739285



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
- light-head made from die-cast aluminium
- innovative thermal management with design-integrated passive cooling
- specular polycarbonate reflector inclusive safety glass with precise symmetrical beam characteristic for high luminous efficiency and glare-free lighting
- front ring made from black die-cast zinc
- ballast housing made from sheet steel
- clear acrylic safety glass
- 3-phase track adapter
- ballast (LED converter) integrated

Standard options



Lighting data / Norms

Lamps	LED Spot / CRI 80 / 4000 K
EPREL light sources	848119
Lifetime	L90 B50 50.000 h
	L80 B50 100.000 h
	L80 B20 50.000 h
System power	23.0 W
Luminaire luminous flux	2800 lm
System efficiency	121.73 lm/W
Module efficiency	160.37 lm/W
UGR class	≤22
Beam angle	50°
Supply voltage	220 - 240 V / 50 - 60 Hz
Protection class	I
Type of protection	IP20

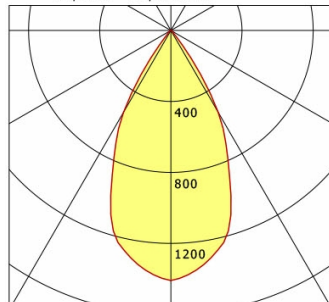
Dimensions / Weights

Length	109 mm
Width	146 mm
Height	158 mm
Diameter of light head	98 mm
Net weight	1.00 kg
Gross weight	1.11 kg

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Bixx Evo (1xLED 23W 840/4000K 2800lm 50°)

C0/C180 cd / 1000 lm



	C0	C90	C180	C270
0°	1409	1409	1409	1409
15°	1206	1206	1206	1206
30°	532	532	532	532
45°	21	21	21	21
60°	9	9	9	9
75°	2	2	2	2
90°	0	0	0	0
cd / 1000 lm				

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

C0-C180 Plane		
3.0	2.93	438.4
6.0	5.86	109.6
9.0	8.80	48.7
12.0	11.73	27.4
15.0	14.66	17.5

η	LED
Efficiency	122 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	23 W
UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	20.6
UGR C90/C270	20.6
CIE Flux Codes	96 99 100 100 100
Ra/CRI	> 80

LTS

Accessories



ST-A 10/9000A-1-ST
 surface-mounted track ONETrack Advance with data bus
 (length: 1000 mm)



ST-A 20/9000A-2-ST
 surface-mounted track ONETrack Advance with data bus
 (length: 2000 mm)



ST-A 30/9000A-3-ST
 surface-mounted track ONETrack Advance with data bus
 (length: 3000 mm)



ST-A 40/9000A-4-ST
 surface-mounted track ONETrack Advance with data bus
 (length: 4000 mm)



ST-A MONO/9000-BPU-D
 3-phase surface-mounted monopoint with bus option



ST-E 10/9000-1-R
 recessed track ONETrack with data bus
 (length: 1000 mm)



ST-E 20/9000-2-R
 recessed track ONETrack with data bus
 (length: 2000 mm)



ST-E 30/9000-3-R
 recessed track ONETrack with data bus
 (length: 3000 mm)



ST-E 40/9000-4-R
 recessed track ONETrack with data bus
 (length: 4000 mm)



ST-E MONO/9000-BPU-D
 3-phase recessed monopoint with bus option