BIXX-T 102.840.15

LTS
LOVE TO SHINE

CE · RoHS · IP20

Colours	Article no.	EAN
silver	659045	4043544782366
black	659046	4043544782373
white	659047	4043544782380

[mm]
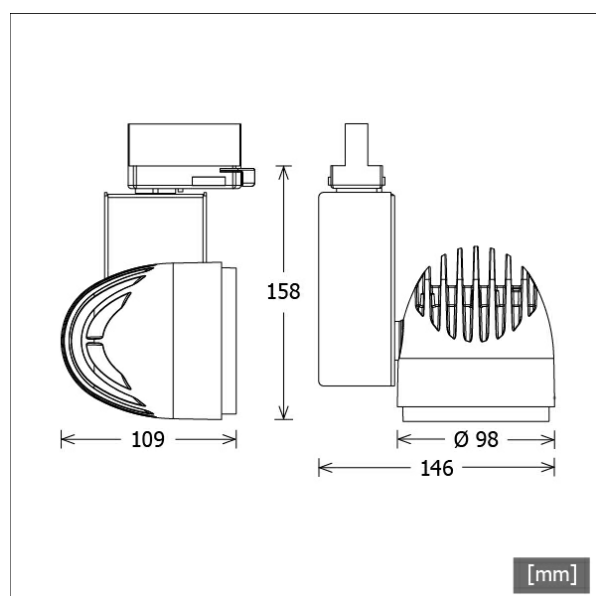
Description

• 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 aluminium reflector 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 safety glass
• 3-phase track adapter
• ballast (LED converter) integrated

Standard options

3000 K

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	2900 lm
System efficiency	126.08 lm/W
Module efficiency	160.37 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	109 mm
Width	146 mm
Height	158 mm
Diameter of light head	98 mm
Net weight	1.00 kg
Gross weight	1.11 kg
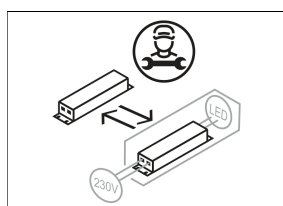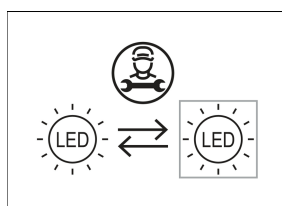
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Bixx Evo (1xLED 23W 840/4000K 2900lm 15°)

— C0/C180   cd / 1000 lm
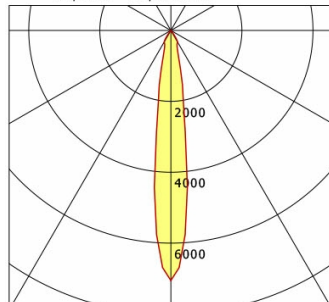
	C0	C90	C180	C270
0°	7054	7054	7054	7054
15°	937	937	937	937
30°	372	372	372	372
45°	12	12	12	12
60°	12	12	12	12
75°	3	3	3	3
90°	0	0	0	0
	cd / 1000 lm			

Offset [m]	Cone width [m]	Illuminance [lx]
C0-C180 Plane		
3.0	0.75	2273.0
6.0	1.50	568.2
9.0	2.24	252.6
12.0	2.99	142.1
15.0	3.74	90.9

η	LED
Efficiency	126 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	23 W

UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	19.2
UGR C90/C270	19.2

CIE Flux Codes	97 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