BIXX-T 103.840.50

LTS
LOVE TO SHINE

CE · RoHS · ⏚ · IP20

Colours

Colours	Article no.	EAN
silver	664802	4043544739384
black	664803	4043544739391
white	664804	4043544739407

109 · **158** · **Ø 98** · **146**

[mm]
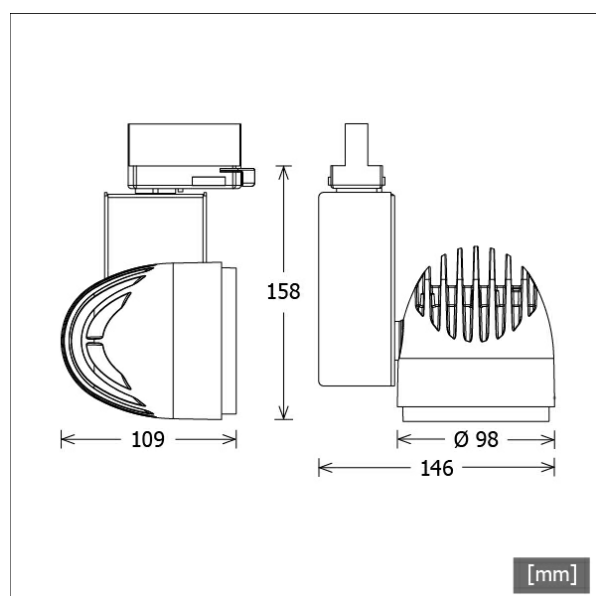
Description

- 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 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

3000 K

Lighting data / Norms

Lamps	LED Spot / CRI 80 / 4000 K
EPREL light sources	851282
Lifetime	L90 B50 50.000 h L80 B50 100.000 h L80 B20 50.000 h
System power	32.8 W
Luminaire luminous flux	3820 lm
System efficiency	116.46 lm/W
Module efficiency	162.17 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	1.04 kg
Gross weight	1.14 kg

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Bixx Evo (1xLED 33W 840/4000K 3820lm 50°)
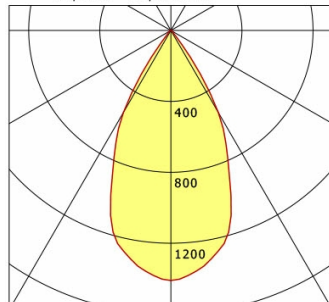
	C0	C90	C180	C270
0°	1410	1410	1410	1410
15°	1214	1214	1214	1214
30°	534	534	534	534
45°	20	20	20	20
60°	10	10	10	10
75°	3	3	3	3
90°	0	0	0	0
	cd / 1000 lm			

Offset [m]	Cone width [m]	Illuminance [lx]
C0-C180 Plane		
3.0	2.93	598.6
6.0	5.87	149.6
9.0	8.80	66.5
12.0	11.74	37.4
15.0	14.67	23.9

η	LED
Efficiency	116 lm/W
Direct/Indirect	↓ 100% / ↑ 0%
System Power	33 W

UGR	X=4H, Y=8H
Reflection factors	70/50/20
UGR C0/C180	21.6
UGR C90/C270	21.6

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