# BIXXL 205.40.40.2/DALI-ST

**LTS**
LOVE TO SHINE

CE · RoHS · IP20

## 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 optimum light output 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 (ONETrack)
- ballast (LED converter DALI, dimmable) integrated

## Standard options

3000 K · 3500 K

## Special options

3500 K · CRI 90 SDCM3 · FASHION · TWL · CASAMBI
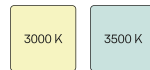
| Colours | Article no. | EAN |
|---|---|---|
| silver | 661698 | 4043544707468 |
| black | 661699 | 4043544707475 |
| white | 661700 | 4043544707482 |

## Lighting data / Norms

| | |
|---|---|
| Lamps | LED Spot / CRI 80 / 4000 K |
| EPREL light sources | 848105 |
| Lifetime | L90 B50 50.000 h |
| | L80 B50 100.000 h |
| | L80 B20 50.000 h |
| System power | 51.0 W |
| Luminaire luminous flux | 5270 lm |
| System efficiency | 103.33 lm/W |
| Module efficiency | 167.61 lm/W |
| UGR class | ≤ 19 |
| Beam angle | 40° |
| Supply voltage | 220 - 240 V / 50 - 60 Hz |
| Protection class | I |
| Type of protection | IP20 |

## Dimensions / Weights

| | |
|---|---|
| Length | 136 mm |
| Width | 170 mm |
| Height | 202 mm |
| Diameter of light head | 123 mm |
| Net weight | 1.86 kg |
| Gross weight | 1.96 kg |

Dimensions diagram: 202 · 136 · Ø 123 · 170 · [mm]
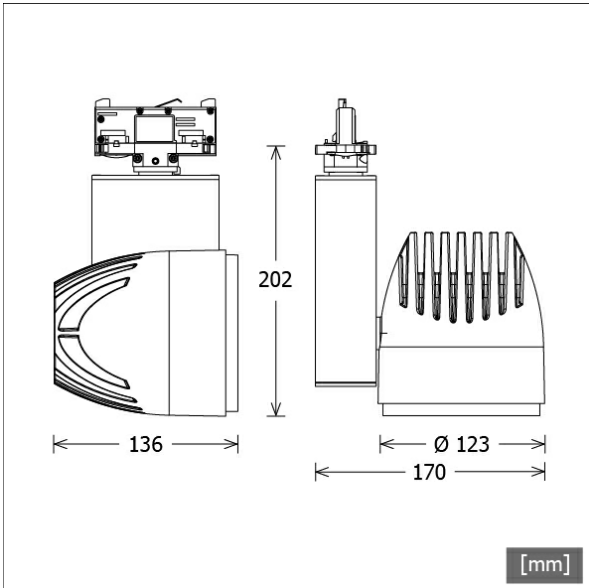
# BIXXL 205.40.40.2/DALI-ST

BixxL 200 (1xLED 51W 840/4000K 5270lm  40 °)

C0/C180    cd / 1000 lm
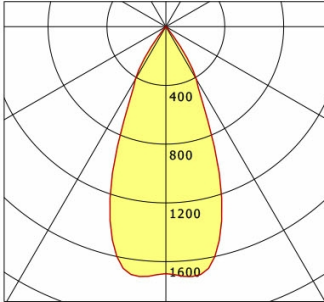


|  | C0 | C90 | C180 | C270 |
|---|---|---|---|---|
| 0° | 1682 | 1682 | 1682 | 1682 |
| 15° | 1440 | 1440 | 1440 | 1440 |
| 30° | 414 | 414 | 414 | 414 |
| 45° | 6 | 6 | 6 | 6 |
| 60° | 3 | 3 | 3 | 3 |
| 75° | 3 | 3 | 3 | 3 |
| 90° | 0 | 0 | 0 | 0 |
| cd / 1000 lm | | | | |

| Offset [m] | Cone width [m] | Illuminance [lx] |
|---|---|---|
| C0-C180 Plane | | |
| 3.0 | 2.46 | 984.8 |
| 6.0 | 4.91 | 246.2 |
| 9.0 | 7.37 | 109.4 |
| 12.0 | 9.82 | 61.5 |
| 15.0 | 12.28 | 39.4 |

| η | LED |
|---|---|
| Efficiency | 103 lm/W |
| Direct/Indirect | ↓ 100% / ↑ 0% |
| System Power | 51 W |

| UGR | X=4H, Y=8H |
|---|---|
| Reflection factors | 70/50/20 |
| UGR C0/C180 | 19.4 |
| UGR C90/C270 | 19.4 |

| CIE Flux Codes | 98 99 100 100 100 |
|---|---|
| Ra/CRI | >80 |
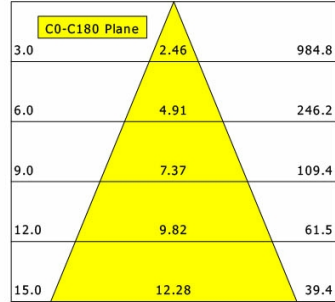
LTS

## 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



**ZB-OR DONGLE**
Organic Response IR dongle kit



**ZB-OR GATEWAY**
Organic Response IoT Gateway Cascade Series

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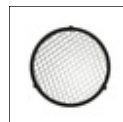## Accessories

**ZB-OR-T SENSOR/DALI**
Organic Response sensor DALI for track mounting
(round housing)

**ZB-OR-TQ SENSOR/DALI**
Organic Response sensor DALI for track mounting
(rectangular housing)

**ZBK 98**
anti-glare flaps

**ZBW 84**
honeycomb louvre