FLOS

05.3231.ESBDA Brushed Bronze

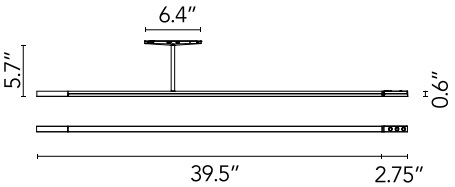
# Magic Stick 145 Asymmetric Dali Dimmable

Designed by Jorge Herrera, 2023



9.8W - 863lm - 3000K - CRI> 90 - Beam° 133

LED diffuse and accent lighting module for installation in the Zero Track Pro system. Can be adjusted by rotating from its axis located in an asymmetrical position. Electronic DC/DC converter incorporated. Individual control via DALI protocol and broadcast mode via 1-10V.




Are you a professional and your project needs consulting and support?

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## Main specifications

| | |
|---|---|
| Mounting | Track |
| Environments | Indoor dry location |
| Light Source Type | LED |
| Light sources included | Yes |
| LED type | Top LED |
| Number of lamps | 1 |
| Power (W) | 9.8 |
| System power (W) | 11.4 |
| Source flux (lm) | 1502 |
| System flux (lm) | 863 |
| Efficacy (lm/W) | 76 |

## Physical

| | |
|---|---|
| Color | Brushed Bronze |
| Rotation (°) | 360 |
| IP internal | 20 |

## Download

Family spec sheet ZIP

Mounting instructions PDF

## Photometric Files

LDT / IES ZIP

## Technical Drawings

2D ZIP

3D ZIP

UK CA | RG IEC 62471 | EAC | CE | IP 20

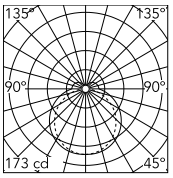


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## Schematic light drawing



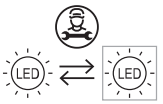

Luminous flux luminaire
687 lm

Beam Angle: - 112°

| h(m) | E(lx) | D(m) |
|---|---|---|
| 1 | 173 | 4.65 |
| 2 | 43 | 9.29 |
| 3 | 19 | 13.94 |
| 4 | 11 | 18.59 |
| 5 | 7 | 23.24 |

## Ecodesign and Energy Labelling

This product contains a light source of energy efficiency class G




Replaceable (LED only) light source by a professional



Replaceable control gear by a professional

## Photometric

| | |
|---|---|
| Lighting type | Direct |
| Light distribution | Asymmetric |
| CCT (K) | 3000 |
| CRI> | 90 |
| McAdam steps (SDCM) | 3 |
| Rf fidelity index | 89 |
| Rg gamut index | 97 |
| LED Life / Failure Ratio | L80B10 > 50.000h |
| Beam angle C0-180 (°) | 133 |
| Beam angle C90-270 (°) | 112 |
| Extreme cut off | No |

## Electrical

| | |
|---|---|
| Insulation class | III |
| Forward voltage (V) | 24 |
| LED current (mA) | 750 |
| Driver | Remote excluded |
| Dimmable | Yes |
| Dimming type | Dimmable DALI 2 |
| Dimming interface | Remote Dimmable (Dimmer Not Included) |

**Notes**

The specified angle refers to the section of the luminaire with diffuse linear lighting. The corresponding beam angle for the Spots is 17°.



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