

LASERLINE



Description

The LaserLine Downlight is a state-of-the-art lighting solution that merges sleek design with exceptional performance. Unlike traditional downlights, the LaserLine boasts a linear shape, offering a modern and sophisticated aesthetic that seamlessly integrates into any architectural setting. This advanced fixture provides precise, high-quality illumination with excellent control over beam angles and light distribution, making it perfect for both accent and general lighting applications. Its innovative design not only enhances the visual appeal of spaces like offices, retail environments, and galleries but also delivers energy efficiency and long-lasting performance. This downlight offers multiple control options, including TRIAC, DALI, and 0-10V, catering to diverse lighting preferences and requirements. It redefines contemporary lighting with its elegant form and outstanding functionality.

Product Benefits

- _____ Sleek & Modern Design
- _____ Energy Efficient
- _____ Customizable Lighting Options
- _____ Complies with International Standards
- _____ High Visual Comfort

Application Areas

- _____ Luxury Residential Spaces
- _____ High-End Retail Stores / Art Galleries and Museums
- _____ Exclusive Hotels and Resorts / Fine Dining Restaurants
- _____ High-End Offices and Corporate Spaces

Product Data



General Information

| | |
|------------------|--------------------|
| Driver Included: | Yes |
| Lifespan: | 50,000 hours @ L70 |
| Warranty: | Lifetime* |

Luminaire Performance

| | |
|-------------------------------|---------------------|
| Power Consumption: | 12W, 24W |
| Luminous Flux @3000K: | 960 lm, 1,920 lm |
| Chipset Efficacy: | 140 lm/W |
| Luminous Efficacy @3000K: | 80 lm/W |
| Correlated Color Temperature: | 2700K, 3000K, 4000K |
| Color Rendering Index (CRI): | >90 |
| SDCM: | <3 |
| Beam Angle: | 15°, 24°, 36° |

Operating and Electrical

| | |
|--------------------------|---|
| Input Voltage: | AC100-277V for Non-dimmable, AC220-240V for Dimmable |
| Power Factor (Fraction): | >0.9 |
| SPD: | 2kV |
| THD: | <15% |

Temperature

| | |
|------------------------|--------------|
| Operating Temperature: | -20°C – 45°C |
|------------------------|--------------|

Controls and Dimming

| | |
|-----------|--------------------|
| Controls: | On/Off |
| Dimming: | TRIAC, DALI, 0-10V |

* 5-year free replacement; paid repairs available afterward.



LIGHTS

Mechanical and Housing

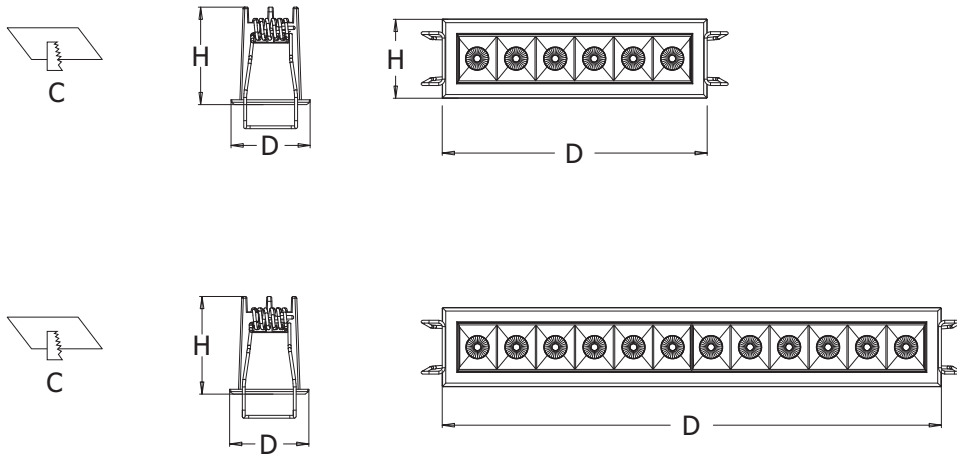
| | |
|-------------------|-----------------------|
| Housing Material: | Die-casting Aluminium |
| Housing Finish: | Gray |
| Trim Finish: | White |
| Optic Finish: | Purple Black |
| Finishing: | Powder Coated |
| Installation: | Recessed |

Compliance and Certifications

| | |
|--------------------------|--|
| Ingress Protection Code: | IP20 |
| Impact Protection Code: | IK02 |
| Protection Class IEC: | Safety Class II |
| Certifications: | CB & CE: IEC 60598-1, IEC 60598-2, IEC 61347-1, IEC 61347-2-13, IEC 62031, IEC 62471, IEC 62493 EMC: IEC 55015, IEC 61000-3-2, IEC 61000-3-3, IEC 61547 LVD: IEC 60598-1 and IEC 61347-1 RoHS |

Dimensions

| | | |
|--------------------|-----------------------|-----------------------|
| Power Consumption: | 12W | 24W |
| C, DxH (mm): | 170*40, 175*45.5x60.5 | 330*40, 334*45.5x60.5 |



Head Office:

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Sales Office:

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MRK/PM/PS/ALL/24/01