

LUXARC



Description

The LuxArc is a highly adaptable and customizable lighting solution crafted to meet diverse illumination needs. Available in 12W, 2x12W, 3x12W, and 4x12W configurations, this innovative downlight enables tailored lighting setups that seamlessly fit any space, from cozy residential interiors to large commercial settings. Each head is individually adjustable, offering precise control over beam angles and light distribution to ensure optimal lighting performance. The sleek, modern design blends effortlessly into any environment, regardless of size or layout. With its modular design, the downlight provides exceptional flexibility, allowing users to create dynamic lighting schemes that enhance both the atmosphere and functionality of any room. The LuxArc is the perfect choice for those who prioritize both aesthetic appeal and practical performance in their lighting solutions, making it ideal for a wide range of spaces.

Product Benefits

Sleek & Modern Design
Energy Efficient
Customizable Lighting Options
Complies with International Standards
Long Lifespan with Branded Components
High Visual Comfort

Application Areas

Luxury Residential Spaces
High-End Retail Stores / Exclusive Hotels and Resorts
Art Galleries and Museums
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, 12Wx2, 12Wx3, 12Wx4
Luminous Flux @3000K:	960 lm, 1,920 lm, 2,880 lm, 3,840 lm
Chipset Efficacy:	140 lm/W
Luminous Efficacy @3000K	80 lm/W
Correlated Color Temperature:	2700K, 3000K, 3500K, 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
Line Frequency:	50 Hz
Power Factor (Fraction):	>0.9
SPD:	2kV
THD:	<15%

Temperature

Operating Temperature:	-20°C – 45°C
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Controls and Dimming

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

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

Mechanical and Housing

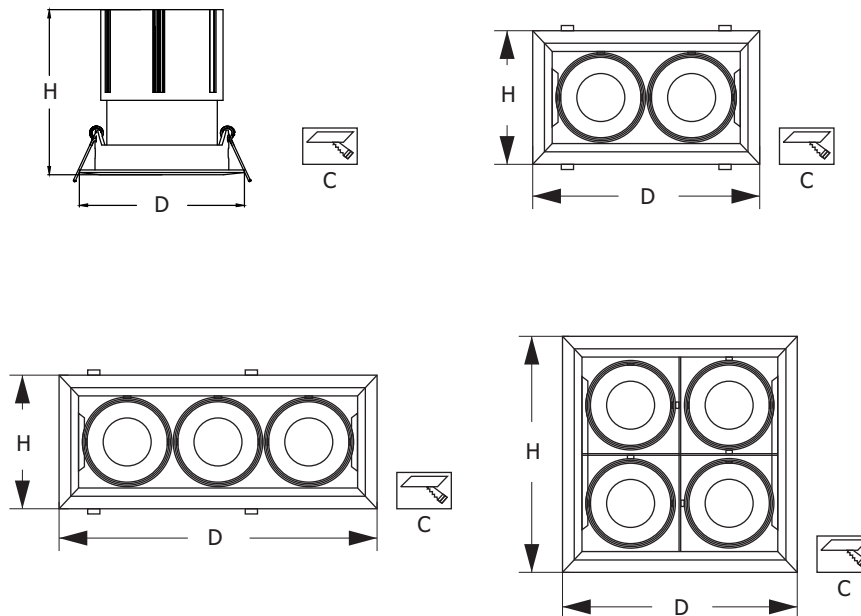
Housing Material:	Die-cast Aluminium + Plastic
Housing Finish:	Gray
Trim Finish:	White/Black
Optic Finish:	Matte Black / White / Gun Black
Finishing:	Powder Coated
Installation:	Recessed

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

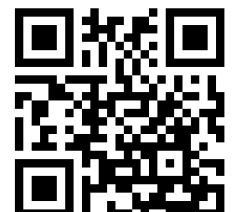
Power Consumption:	12W	12Wx2	12Wx3	12Wx4
C, DxH (mm):	75*75, 88*88x92	160*75, 168*88x92	240*75, 247*88x92	160*160, 168*168x92


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Sales Office:

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MRK/PM/PS/ALA/24/01