

Downlight IP54 120 lm/W



Accent lamp (Downlight). A good solution for lighting commercial premises, shopping centers, hotels, offices or auxiliary premises. Efficiency 100 lm/W or 120 lm/W. The light color (CCT) can be changed. It can also be equipped with dimmable power sources 0-10V, Triac, DALI. Protection factor IP54.



Light characteristics

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|---|--------------------|
| Lighting Effectiveness | 100 lm/W; 120 lm/W |
| Beam Angle | 120° |
| Temperature (CCT) | 3000K-6500K |
| Color Rendering Index (CRI) | Ra≥80 |
| Standard deviation of color matching (MacAdam) SDCM | <3 |
| LED chip type | SMD |

Electrical data

| | |
|--------------------------------|-------------|
| Voltage | AC 200-240V |
| Power Factor (PF) | >0.9 |
| Electrical Safety Class | II |
| Current in rush | 250mA |
| Voltage after the power supply | 50-80V DC |

Common parameters

| | |
|----------------|----------------|
| IP Rating | IP54 |
| IK rating | IK04;IK06 |
| Housing | Aluminium + PC |
| Housing colour | White |
| Warranty | 5 yrs |
| Certificates | CE; ROHS |

Operating conditions

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|------------------------------|-------------------|
| Life time (LM80) | 30000h; 50000h |
| Ambient Temperature | -20°C to +45°C |
| Permissible ambient humidity | <70% |
| Dimmable | 0-10; TRIAC; DALI |

Model parameters

| Model | Power | Light flux | Cut size (mm) | Size (mm) |
|--------------|-------|------------|---------------|-----------|
| DSR-05KW42-O | 5W | 600 lm | φ100 | φ115*48 |
| DSR-10KW42-O | 10W | 1200 lm | φ130 | φ145*60 |
| DSR-15KW42-O | 15W | 1800 lm | φ145 | φ159*60 |
| DSR-19KW42-O | 19W | 2280 lm | φ175 | φ190x60 |
| DSR-20KW42-O | 20W | 2400 lm | φ175 | φ190x60 |
| DSR-24KW42-O | 24W | 2880 lm | φ175 | φ190x60 |
| DSR-30KW42-O | 30W | 3600 lm | φ215 | φ230*72 |