# LED Aluminum Sections

## For decorative indirect embedded lighting

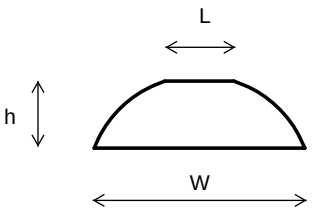
*Perfect solution for indirect decorative lighting, embedded within gypsum board or furniture it can totally eliminate glare and provide eye comfort by smoothly interacting with ambient textures. Power flexibility allows dimming providing master control of lighting.*



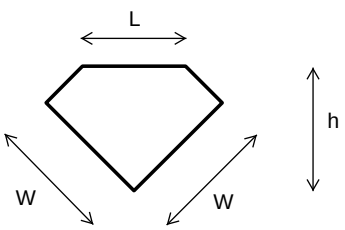
## 14W/m IP42

| | |
|---|---|
| **Physical** | |
| Mass | R Section 0.35kg/m, V Section 0.45kg/m |
| Dimensions | R Section W 44mm * h 14mm * L 15mm<br>V Section W 26mm* 26mm* h26mm * L 15mm, Lengths: 0.3, 0.6, 1-6 m |
| Body | Electrostatically coated aluminum sections |
| Diffuser | Poly carbonate, Clear/milky/prismatic |
| Protection | IP41 |
| Mounting | R section for Flat Surfaces, V Section for corners by clamps, double face tape, screws for gypsum board |
| **Photometric** | |
| Light Source | SMD LEDs |
| Efficacy | 100 Lm/W |
| LOR | 0.5@R section, 0.25@V Section |
| Spread angle | 100° for R Setion, 66° for V Section |
| **Spectrometric** | |
| CCT | 3000/6000°K |
| CRI | 83 |
| **Electrical** | |
| Power supply | 12VDC, AC Drivers up to 100W (7m) |
| Power | 14W/m |

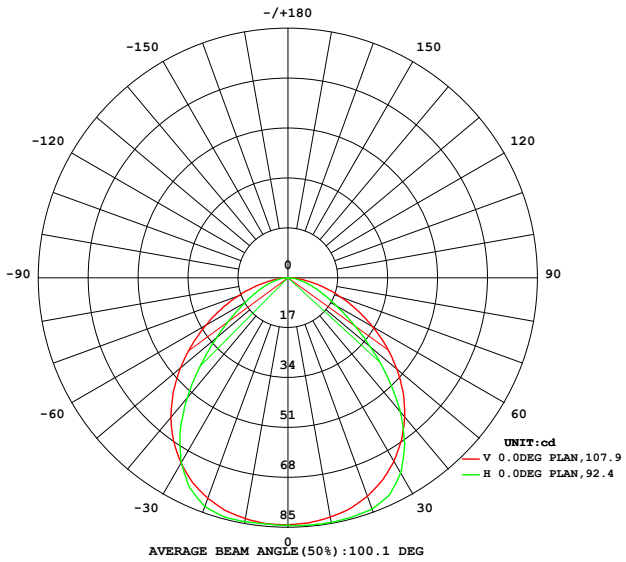
R Section



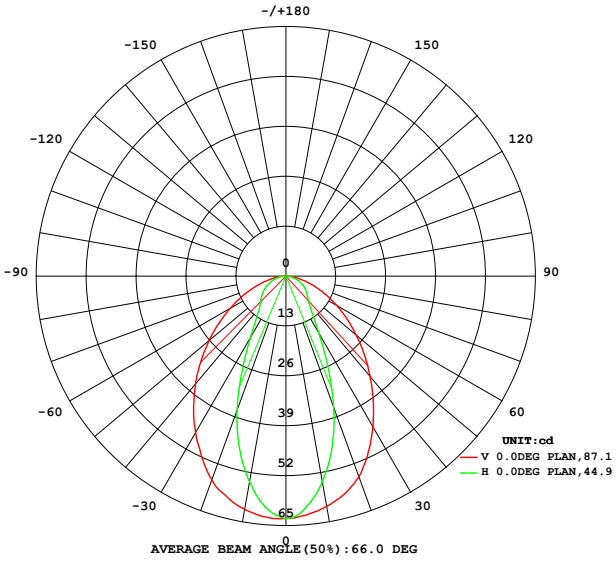

V Section



## Polar radiation distribution




R Section




V Section

| Art. no. | Type | Power | CCT |
|---|---|---|---|
| KLR30-SMD004230-- | LED Aluminum R section 30cm | 4W | 3000°K |
| KLR40-SMD006230-- | LED Aluminum R section 40cm | 6W | 3000°K |
| KLR100-SMD014230-- | LED Aluminum R section 100cm | 14W | 3000°K |
| KLV30-SMD004230-- | LED Aluminum V section 30cm | 4W | 3000°K |
| KLV40-SMD006230-- | LED Aluminum V section 40cm | 6W | 3000°K |
| KLV100-SMD014230-- | LED Aluminum V section 100cm | 14W | 3000°K |
| KLR30-SMD004260-- | LED Aluminum R section 30cm | 4W | 6000°K |
| KLR40-SMD006260-- | LED Aluminum R section 40cm | 6W | 6000°K |
| KLR100-SMD014260-- | LED Aluminum R section 100cm | 14W | 6000°K |
| KLV30-SMD004260-- | LED Aluminum V section 30cm | 4W | 6000°K |
| KLV40-SMD006260-- | LED Aluminum V section 40cm | 6W | 6000°K |
| KLV100-SMD014260-- | LED Aluminum V section 100cm | 14W | 6000°K |

Sources for software simulation for installation (*.IES, *.LDT files) and advanced test results are available on request
Performance described above requires proper installation according to internationally recognized codes and within mentioned operational limitations.
Any properties not directly affecting photometric, spectrometric or electrical performance are liable to change without prior notice.

SEGA.M ELECTRICAL PRODUCTS
**Sega-M Electrical Products**
**Industrial Division:** Industrial Area A3, 10th of Ramadan City, Tel.: (+2)0554332072 - 0554332080, Fax: (+2)0554332067, cus.service@sega-m.com, sega-m@sega-m.com
**Commercial Division (Main):** 87 Abou-Bakr Al-Seddik St., Safir Square, Heliopolis, Cairo, Tel.: (+202)24183122 – 24183144, Fax: (+202) 24185022, sales@Sega-m.com
**Commercial Division (Lighting)**: Milsa apartment building no.6 , Nasr City, Cairo. Tel.: (+202)24181878, sales.lighting@sega-m.com
www.sega-m.com
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