# Hilife LED High Bay 105W

## For workshops, garages, small factories and vectored indoor/outdoor lighting

*Designed for harsh industrial environment through fine selection of body material and die casting providing best thermal performance and efficacy, high electrical stability against voltage variations, and clear view and realistic color rendering that fits all kinds of industry. Extra ability of wall and ground mounting using adjustable holder is an asset for decorative lighting of all kinds.*



## 105W 143Lm/W 3000-6000°K IP65

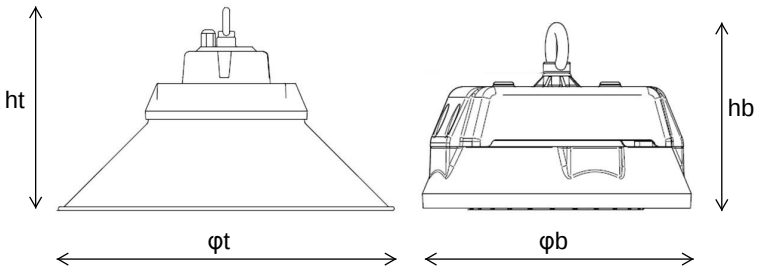
| | |
|---|---|
| **Physical** | |
| Mass | 3.4kg (2.6kg without reflector) |
| Dimensions | φt 450mm * ht 265mm, φb 240mm * hb 120mm (without reflector) |
| Body | Electrostatically coated Die cast Aluminum |
| Reflector | Electrostatically coated Press formed aluminum sheet (W/glass lens only) |
| Emitting surface | Borosilicate Glass lens (High temp. resistant) / PMMA Lenses |
| Protection | IP65, IK08 |
| Mounting | Pendent, M10 Eye bolt (removable) / Surface mounted, adjustable holder |
| **Photometric** | |
| Light Source | SMD LEDs 3030 |
| Efficacy | 143 Lm/W |
| LOR | 0.734 Lm/W |
| Spread angle | 99° for glass lens / 80.7° for PMMA Lenses |
| **Spectrometric** | |
| CCT | 3000-6000°K |
| CRI | 83.9 |
| **Electrical** | |
| Power supply | 220VAC, 50Hz, (Max. Limits: 110-305VAC, 50/60Hz) |
| Power | 105W |
| Current | 0.459 A (RMS) |
| Power Factor | 0.988 |
| THDI | 3.9% |



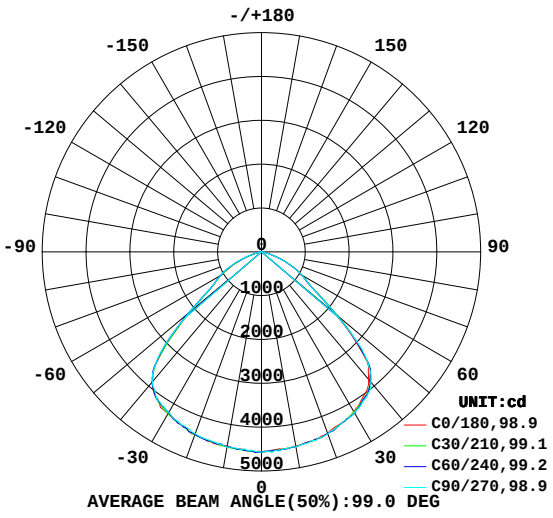
glass lens with circular driver and pendent configuration



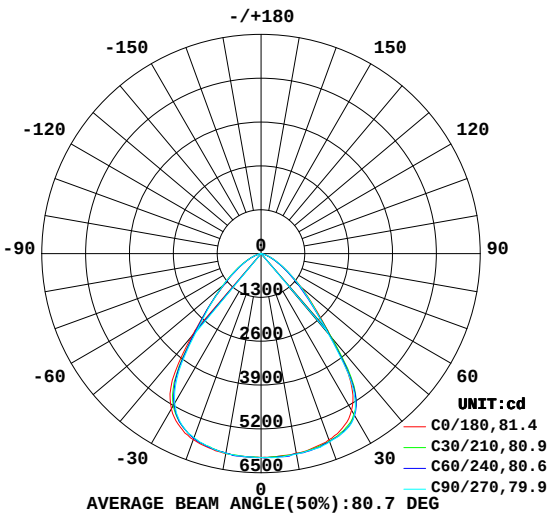
PMMA Lenses with adjustable holder and Polygonal Driver container



## Polar radiation distribution

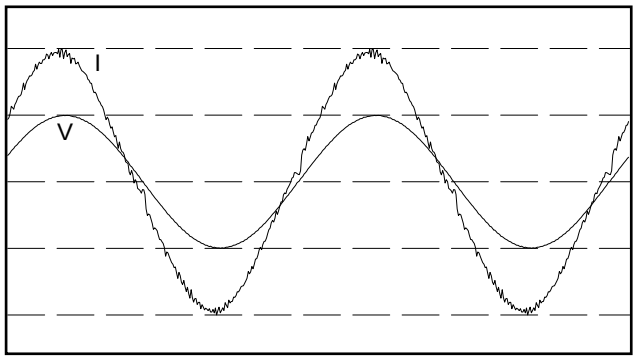



Glass Lens with reflector




PMMA Lenses

## Electrical oscilloscopy




| Art. no. | Type | Power | CCT |
|---|---|---|---|
| HILIFER-SMD105230-- | LED High bay, glass lens and reflector | 105W | 3000°K |
| HILIFER-SMD105240-- | LED High bay, glass lens and reflector | 105W | 4000°K |
| HILIFER-SMD105260-- | LED High bay, glass lens and reflector | 105W | 6000°K |
| HILIFEL-SMD105230-- | LED High bay, PMMA Lens | 105W | 3000°K |
| HILIFEL-SMD105240-- | LED High bay, PMMA Lens | 105W | 4000°K |
| HILIFEL-SMD105260-- | LED High bay, PMMA Lens | 105W | 6000°K |
| HILIFEB-SMD105230-- | LED High bay, PMMA Lens+Polyg. Drv. | 105W | 3000°K |
| HILIFEB-SMD105240-- | LED High bay, PMMA Lens+Polyg. Drv. | 105W | 4000°K |
| HILIFEB-SMD105260-- | LED High bay, PMMA Lens+Polyg. Drv. | 105W | 6000°K |
| HILIFEH-SMD105230-- | LED High bay, PMMA Lens+Polyg. Drv.+adj. | 105W | 3000°K |
| HILIFEH-SMD105240-- | LED High bay, PMMA Lens+Polyg. Drv.+adj. | 105W | 4000°K |
| HILIFEH-SMD105260-- | LED High bay, PMMA Lens+Polyg. Drv.+adj. | 105W | 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.


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