

LED SPOT LIGHT LUMINAIRE RETROFIT LANTERN

HIGH EFFICIENCY

23-53W

SPL 50



| Glass LUMILEDS | HB-25°-60°-90° | | | HB-25°-60°-90° | No Optics 120° | |
|------------------|----------------|----------|----------|----------------|----------------|----------|
| LED number | 144 LED | 144 LED | 144 LED | 108 LED | 144 LED | 144 LED |
| Power* | 38W | 43W | 52W | 52W | 38W | 52W |
| Luminous flux | 5900 Lm | 6540 Lm | 7700 Lm | 7500 Lm | 6200 Lm | 8380 Lm |
| Light efficiency | 155 Lm/W | 152 Lm/W | 148 Lm/W | 144 Lm/W | 163 Lm/W | 158 Lm/W |
| LED current | 0.044A | 0.050A | 0.058A | 0.078A | 0.044A | 0.058A |

| Glass - Street | Samsung | | |
|------------------|----------|----------|----------|
| LED number | 72 LED | 72 LED | 72 LED |
| Power* | 32W | 42W | 53W |
| Luminous flux | 5220 Lm | 6500 Lm | 7950 Lm |
| Light efficiency | 163 Lm/W | 155 Lm/W | 150 Lm/W |
| LED current | 0.150A | 0.200A | 0.250A |

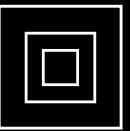
| Glass - Street | LUMILEDS | | | | |
|------------------|----------|----------|----------|----------|----------|
| LED number | 144 LED | 144 LED | 144 LED | 144 LED | 144 LED |
| Power* | 23W | 30W | 38W | 43W | 52W |
| Luminous flux | 3590 Lm | 4560 Lm | 5620 Lm | 6280 Lm | 7440 Lm |
| Light efficiency | 156 Lm/W | 152 Lm/W | 148 Lm/W | 146 Lm/W | 143 Lm/W |
| LED current | 0.028A | 0.035A | 0.044A | 0.050A | 0.059A |

*Power tolerance +/-5%

TRIDONIC Philips Xitanium Drivers

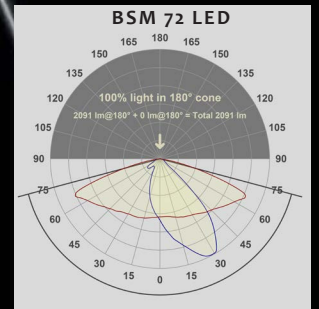
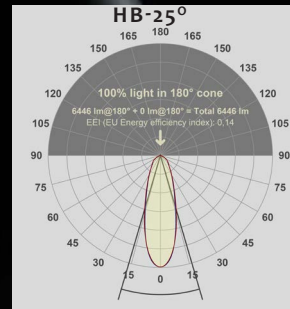
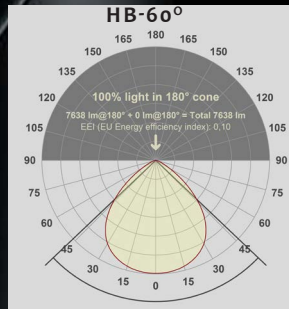
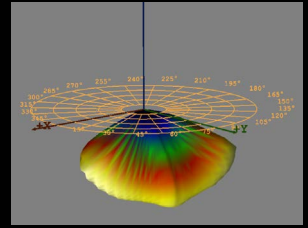
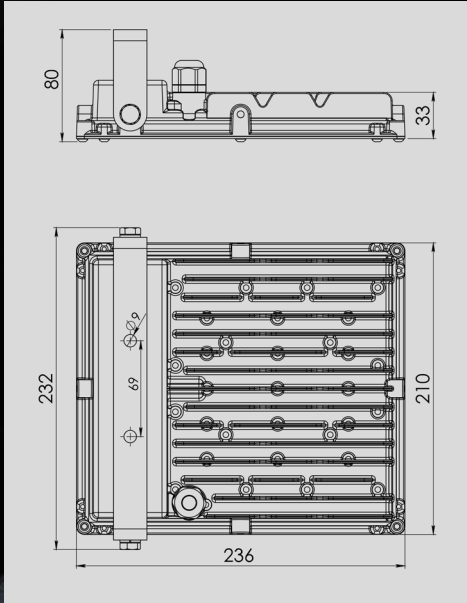
TCI LED
professional led applications

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SPL 50



| | |
|----------------------------------|---|
| LED brand | LUMILEDS |
| Lenses / Optics | BSM 72 LED OPTICS, HB optics, No optics |
| Power supply voltage | AC 220-240V (other on request) |
| LED driver | TRIDONIC, PHILIPS or TCI |
| Operation temperature | -20°C + 45°C (-30°C on request) |
| Isulation class | Class I or Class II |
| Beam Angle | No optics 120°; HB 25°, 60°, 90°; Street 145° |
| Power factor | ≥0.92 |
| Operation Lifetime | ≥ 60,000 h at L80B10 (100,000 h on request) |
| On-load switch | No |
| Surge protection | 6kV or 10kV |
| CR Index | CRI Ra≥70 (CRI Ra≥80 on request) |
| Colour temperature | 4000K; 5000K (3000K on request) +/- 300K (Luminocity parameters may vary on request) |
| Body colour | RAL7035 standard - custom colour possible on request RAL9006, RAL7024 |
| Body / Screen | Aluminium die casting (powder coated) and tempered glass |
| IP / IK grade | IP66 / IK08 (on request IK09) |
| Weight | 2 kg |
| Dimensions | 210x236x33mm |
| Mounting | Bracket |
| Warranty | 3 years (5 and 7 years on request) |
| Main standards references | CE, EN 55015; EN 61000; EN 61547; EN 62031 EN 60598; EN 60529; EN 62262; EN 13201; EN 62471 (on request) |

TRIDONIC Philips Xitanium Drivers

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