

# LUMENS SIRIO80

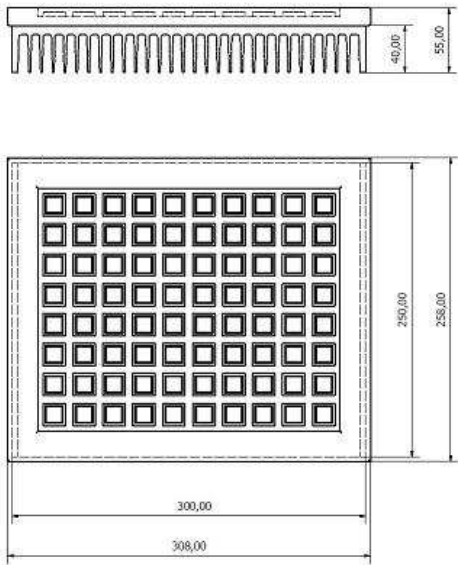
LED floodlight for indoor and outdoor, industrial, commercial, entertainment, public use. Ideal for wide areas, hangars, warehouses, show rooms, parks, monuments.

Low power consumption with high efficiency (120 lm/W real for 4500 K / 84 W version), long lifetime (50000 average lifetime), suitable for frequent on/off cycles, instant burn in time, suitable for coupling with motion sensor, no UV, dimmable. Adjustable bracket for ceiling, wall, floor fixing. Operating temperature -30°/+50°C.

Supply: 30 – 36 Vdc. Insulation class: III

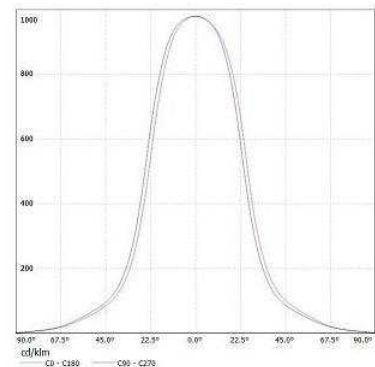
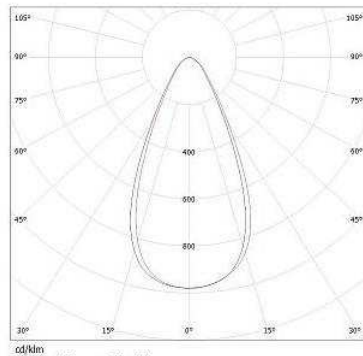
Regulations: Conformed to EMC 2004/108/CE and 2011/65/CE ROHS 2.

Dimensions in millimeters.



IP55

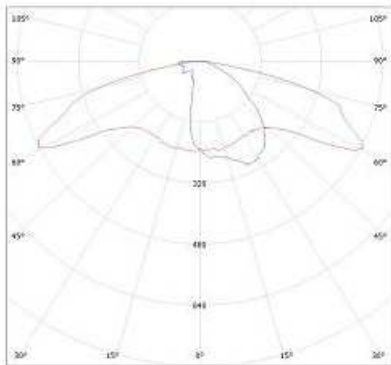
|            |                         |
|------------|-------------------------|
| Frame:     | Aluminum                |
| Heat sink: | Black Anodized Aluminum |
| Lenses:    | PMMA ±25°               |
| Height:    | 4,3 Kg                  |



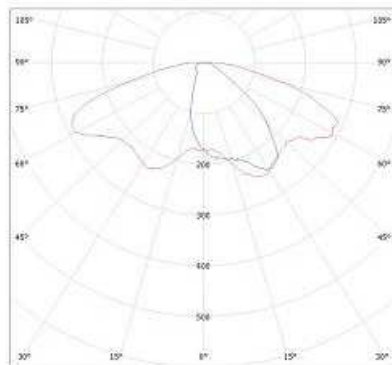
| Art.                 | CCT    | Watt | Flux [lm] | I [mA] | lm/W | CRI | FWHM [°] |
|----------------------|--------|------|-----------|--------|------|-----|----------|
| <b>S80-350-NW-HB</b> | 4500 K | 84   | 10.100    | 350    | 120  | >70 | 50       |
| <b>S80-350-WW-HB</b> | 3500 K | 84   | 8.800     | 350    | 105  | >80 | 50       |
| <b>S80-500-NW-HB</b> | 4500 K | 116  | 13.300    | 500    | 114  | >70 | 50       |
| <b>S80-500-WW-HB</b> | 3500 K | 116  | 11.600    | 500    | 100  | >80 | 50       |

Available with asymmetric STRADA lenses:

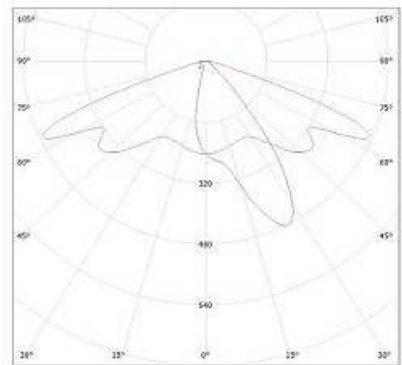
STRADA1



STRADA2



STRADA3



Security application

|   |               |
|---|---------------|
| Article   | S80-350-NW-HB |
| Power consumption to power grid<br>(with power supply Meanwell CEN100-30 PF 90) | 93 W          |
| Reference halogen lamp  | 500 W         |
| Energy saving   | 407 W (-81%)  |
| Lifetime LED lamp   | 50.000 hours  |
| Lifetime halogen lamp   | 2.000 hours   |

Industrial/comercial/public application

|   |                            |
|---|----------------------------|
| Article   | S80-350-NW-HB              |
| Power consumption to power grid<br>(with power supply Meanwell CEN100-30 PF 90) | 93 W                       |
| Reference metal halide lamp   | 150 W                      |
| Nominal power consumption   | 150 W                      |
| Real power consumption  | 180 W                      |
| Energy saving   | 87 W (-48%)                |
| Annual Energy saving  | 381 Kwh/anno 4380 ore/anno |
| Emissions savings   | 247 Kg/anno                |
| Lifetime LED lamp   | 50.000 ore                 |
| Lifetime metal halide lamp  | 8.000 ore                  |
| Burn in time LED lamp   | 0 s                        |
| Burn in time metal halide lamp  | 15 min                     |

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