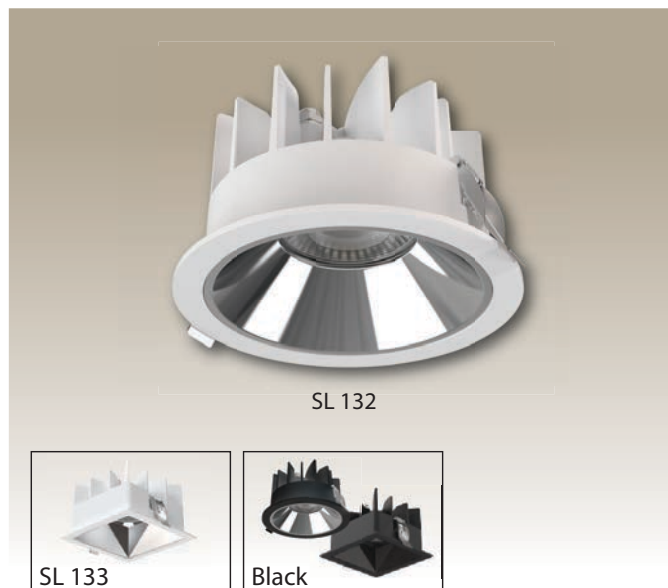


# PLUTO LED

SL 132 / SL 133 Anti-Glare Spotlight Series (IP65)

## Features

Designed for recessed mounted with high performance LED light source. Provides optimal light distribution and energy savings.



## Applications

Ideal for commercial building, lobby, conventional hall, ballroom and concourse.

## Optics

|                    |                                  |
|--------------------|----------------------------------|
| Reflector Material | Aluminium (Silver, Black, White) |
| Diffuser Material  | Frosted PMMA                     |
| Beam Angle         | 15°, 24°, 36°, 60°               |

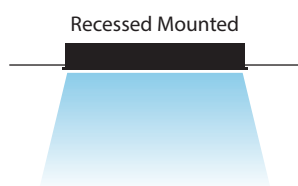
### Range of interchange-able reflector



## Optional Features / Accessories

Dali/1-10V Dimming Control

## Mounting





## Specifications

| Model          | SL 132.2 (5W) RD  | SL 132.2 (9W) RD  | SL 132.2 (11W) RD | SL 132.3 (14W) RD | SL 132.3 (19W) RD  |
|----------------|-------------------|-------------------|-------------------|-------------------|--------------------|
| Nominal Power  | 5.6W              | 9.4W              | 11.4W             | 13.5W             | 18.5W              |
|                | 855 lm            | 1360 lm           | 1590 lm           | 1810 lm           | 2730 lm            |
| Nominal System | 900 lm            | 1430 lm           | 1675 lm           | 1905 lm           | 2875 lm            |
| Lumen Output   | 925 lm            | 1475 lm           | 1725 lm           | 1960 lm           | 2960 lm            |
|                | 935 lm            | 1490 lm           | 1740 lm           | 1980 lm           | 2990 lm            |
|                | 172 lm/W          | 159 lm/W          | 152 lm/W          | 147 lm/W          | 162 lm/W           |
| Nominal System | 181 lm/W          | 167 lm/W          | 161 lm/W          | 154 lm/W          | 171 lm/W           |
| Efficacy       | 186 lm/W          | 172 lm/W          | 165 lm/W          | 159lm/W           | 176 lm/W           |
|                | 188 lm/W          | 174 lm/W          | 167 lm/W          | 161 lm/W          | 178 lm/W           |
| Model          | SL 132.4 (19W) RD | SL 132.4 (24W) RD | SL 132.5 (27W) RD | SL 132.5 (32W) RD | SL 132.6 (34W) RD  |
| Nominal Power  | 18.5W             | 22.5W             | 26.5W             | 30.7W             | 34.1W              |
|                | 2730 lm           | 3185 lm           | 3615 lm           | 4010 lm           | 4635 lm            |
| Nominal System | 2875 lm           | 3355 lm           | 3805 lm           | 4220 lm           | 4880 lm            |
| Lumen Output   | 2960 lm           | 3455 lm           | 3915 lm           | 4345 lm           | 5025 lm            |
|                | 2990 lm           | 3485 lm           | 3955 lm           | 4390 lm           | 5075 lm            |
|                | 162 lm/W          | 156 lm/W          | 150 lm/W          | 144 lm/W          | 150 lm/W           |
| Nominal System | 171 lm/W          | 164 lm/W          | 158 lm/W          | 151 lm/W          | 158 lm/W           |
| Efficacy       | 176 lm/W          | 169 lm/W          | 162 lm/W          | 156 lm/W          | 162 lm/W           |
|                | 178 lm/W          | 170 lm/W          | 164 lm/W          | 158 lm/W          | 164 lm/W           |
| Model          | SL 132.6 (41W) RD | SL 132.6 (47W) RD | SL 132.8 (53W) RD | SL 132.8 (60W) RD | SL 133.2 (5W) SQ   |
| Nominal Power  | 40.2W             | 46.5W             | 53W               | 60W               | 5.6W               |
|                | 5210 lm           | 5730 lm           | 6765 lm           | 7535 lm           | 855 lm             |
| Nominal System | 5485 lm           | 6030 lm           | 7120 lm           | 7930 lm           | 900 lm             |
| Lumen Output   | 5645 lm           | 6210 lm           | 7335 lm           | 8165 lm           | 925 lm             |
|                | 5700 lm           | 6270 lm           | 7405 lm           | 8245 lm           | 935 lm             |
|                | 142 lm/W          | 135 lm/W          | 150 lm/W          | 143 lm/W          | 172 lm/W           |
| Nominal System | 150 lm/W          | 142 lm/W          | 157 lm/W          | 150 lm/W          | 181 lm/W           |
| Efficacy       | 154 lm/W          | 147 lm/W          | 162 lm/W          | 155 lm/W          | 186 lm/W           |
|                | 156 lm/W          | 148 lm/W          | 164 lm/W          | 156 lm/W          | 188 lm/W           |
| Model          | SL 133.2 (9W) SQ  | SL 133.2 (11W) SQ | SL 133.2 (14W) SQ | SL 133.3 (19W) SQ | SL 133.3 (24 W) SQ |
| Nominal Power  | 9.4W              | 11.4W             | 13.5W             | 18.5W             | 23W                |
|                | 1360 lm           | 1590 lm           | 1810 lm           | 2730 lm           | 3185 lm            |
| Nominal System | 1430 lm           | 1675 lm           | 1905 lm           | 2875 lm           | 3355 lm            |
| Lumen Output   | 1475 lm           | 1725 lm           | 1960 lm           | 2960 lm           | 3455 lm            |
|                | 1490 lm           | 1740 lm           | 1980 lm           | 2990 lm           | 3485 lm            |
|                | 159 lm/W          | 152 lm/W          | 147 lm/W          | 162 lm/W          | 156 lm/W           |
| Nominal System | 167 lm/W          | 161 lm/W          | 154 lm/W          | 171 lm/W          | 164 lm/W           |
| Efficacy       | 172 lm/W          | 165 lm/W          | 159lm/W           | 176 lm/W          | 169 lm/W           |
|                | 174 lm/W          | 167 lm/W          | 161 lm/W          | 178 lm/W          | 170 lm/W           |

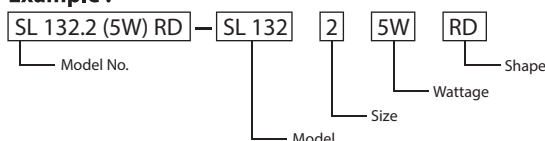


| Model                        | SL 133.4 (27W) SQ       | SL 133.4 (32W) SQ | SL 133.4 (34W) SQ | SL 133.5 (34W) SQ | SL 133.5 (41W) SQ |
|------------------------------|-------------------------|-------------------|-------------------|-------------------|-------------------|
| Nominal Power                | 26.5W                   | 30.7W             | 34.1W             | 34.1W             | 40.2W             |
|                              | 3615 lm                 | 4010 lm           | 4635 lm           | 4635 lm           | 5210 lm           |
| Nominal System               | 3805 lm                 | 4220 lm           | 4880 lm           | 4880 lm           | 5485 lm           |
| Lumen Output                 | 3915 lm                 | 4345 lm           | 5025 lm           | 5025 lm           | 5645 lm           |
|                              | 3955 lm                 | 4390 lm           | 5075 lm           | 5075 lm           | 5700 lm           |
| Nominal System               | 150 lm/W                | 144 lm/W          | 150 lm/W          | 150 lm/W          | 142 lm/W          |
| Efficacy                     | 158 lm/W                | 151 lm/W          | 158 lm/W          | 158 lm/W          | 150 lm/W          |
|                              | 162 lm/W                | 156 lm/W          | 162 lm/W          | 162 lm/W          | 154 lm/W          |
|                              | 164 lm/W                | 158 lm/W          | 164 lm/W          | 164 lm/W          | 156 lm/W          |
| LED Driver                   | VS Type ECXe            |                   |                   |                   |                   |
| Light Source                 | Comfort COB             |                   |                   |                   |                   |
| Colour Temperature (CCT)     | 2700K/3000K/4000K/5700K |                   |                   |                   |                   |
| Input Voltage                | 220-240V, 50/60Hz       |                   |                   |                   |                   |
| Colour Rendering Index (CRI) | >80                     |                   |                   |                   |                   |
| UGR                          | <13                     |                   |                   |                   |                   |
| Luminaire Rated Life         | 50,000hrs (L80/B10)     |                   |                   |                   |                   |
| Operating Temperature        | -20°C ~ +40°C           |                   |                   |                   |                   |
| Power Factor                 | ≥0.95PF                 |                   |                   |                   |                   |
| Total Harmonic Distortion    | <20%                    |                   |                   |                   |                   |
| Insulation Class             | Class I                 |                   |                   |                   |                   |
| Housing Material             | Die-cast Aluminium      |                   |                   |                   |                   |
| Ingress Protection           | IP65                    |                   |                   |                   |                   |

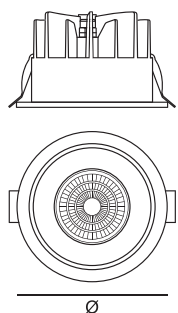
## Order Reference

| Model  | Size | Wattage | Size |
|--------|------|---------|------|
| SL 126 | 2    | 5       | RD   |
|        | 3    | 9       | SQ   |
|        | 4    | 11      | 41   |
|        | 5    | 14      | 47   |
|        | 6    | 19      | 53   |
|        | 8    | 24      | 60   |
|        |      | 27      |      |

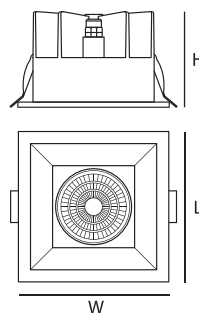
### Example :



## Dimensions



|                   |         |
|-------------------|---------|
| SL 132.2 (5W) RD  | - 75mm  |
| SL 132.2 (9W) RD  | - 75mm  |
| SL 132.2 (11W) RD | - 75mm  |
| SL 132.3 (14W) RD | - 95mm  |
| SL 132.3 (19W) RD | - 95mm  |
| SL 132.4 (19W) RD | - 115mm |
| SL 132.4 (24W) RD | - 115mm |
| SL 132.5 (27W) RD | - 135mm |
| SL 132.5 (32W) RD | - 135mm |
| SL 132.6 (34W) RD | - 175mm |
| SL 132.6 (41W) RD | - 175mm |
| SL 132.6 (47W) RD | - 175mm |
| SL 132.8 (53W) RD | - 200mm |
| SL 132.8 (60W) RD | - 200mm |



|                   |             |
|-------------------|-------------|
| SL 133.2 (5W) SQ  | - 75x75mm   |
| SL 133.2 (9W) SQ  | - 75x75mm   |
| SL 133.2 (11W) SQ | - 75x75mm   |
| SL 133.2 (14W) SQ | - 75x75mm   |
| SL 133.3 (19W) SQ | - 95x95mm   |
| SL 133.3 (24W) SQ | - 95x95mm   |
| SL 133.4 (27W) SQ | - 115x115mm |
| SL 133.4 (32W) SQ | - 115x115mm |
| SL 133.4 (34W) SQ | - 115x115mm |
| SL 133.5 (34W) SQ | - 135x135mm |
| SL 133.5 (41W) SQ | - 135x135mm |



## Order Information

| Model No.         | Ø/L(mm) | W(mm) | H(mm) |
|-------------------|---------|-------|-------|
| SL 132.2 (5W) RD  | 85      | -     | 55    |
| SL 132.2 (9W) RD  | 85      | -     | 55    |
| SL 132.2 (11W) RD | 85      | -     | 55    |
| SL 132.3 (14W) RD | 105     | -     | 65    |
| SL 132.3 (19W) RD | 105     | -     | 65    |
| SL 132.4 (19W) RD | 130     | -     | 75    |
| SL 132.4 (24W) RD | 130     | -     | 75    |
| SL 132.5 (27W) RD | 150     | -     | 80    |
| SL 132.5 (32W) RD | 150     | -     | 80    |
| SL 132.6 (34W) RD | 190     | -     | 95    |
| SL 132.6 (41W) RD | 190     | -     | 95    |
| SL 132.6 (47W) RD | 190     | -     | 95    |
| SL 132.8 (53W) RD | 215     | -     | 105   |
| SL 132.8 (60W) RD | 215     | -     | 105   |
| SL 133.2 (5W) SQ  | 84      | 84    | 60    |
| SL 133.2 (9W) SQ  | 84      | 84    | 60    |
| SL 133.2 (11W) SQ | 84      | 84    | 60    |
| SL 133.2 (14W) SQ | 84      | 84    | 60    |
| SL 133.3 (19W) SQ | 105     | 105   | 70    |
| SL 133.3 (24W) SQ | 105     | 105   | 70    |
| SL 133.4 (27W) SQ | 129     | 129   | 80    |
| SL 133.4 (32W) SQ | 129     | 129   | 80    |
| SL 133.4 (34W) SQ | 129     | 129   | 80    |
| SL 133.5 (34W) SQ | 148     | 148   | 90    |
| SL 133.5 (41W) SQ | 148     | 148   | 90    |

Note : Subject to +/- 1.5mm

\*Other various types are available upon request.