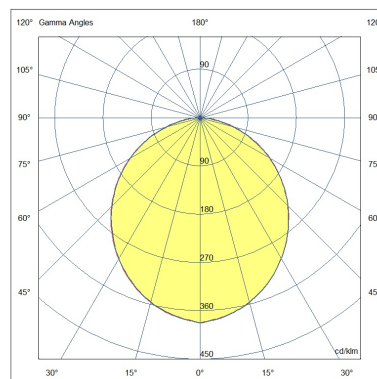




**PSAR2 20W WW - 110V -**

**6823-02-294**

Recessed fixture for living rooms

| Lighting features       |                       |
|-------------------------|-----------------------|
| LED Characteristics     | <b>SMD</b>            |
| Number of LEDs          | <b>48</b>             |
| Light Source Lumen      | <b>2522 lm</b>        |
| Item Lumen              | <b>1952 lm</b>        |
| Light Source Efficiency | <b>141 lm/W @85°C</b> |
| Item Efficiency         | <b>98 lm/W @85°C</b>  |
| Color Temperature       | <b>White 3000K</b>    |
| Optics                  | <b>Opal</b>           |
| Minimum CRI             | <b>80</b>             |
| SDCM                    | <b>3 STEP</b>         |
| Photobiological Risk    | <b>RG0</b>            |
| Energy Efficiency Class | <b>A</b><br><b>E</b>  |

| Electrical features  |                                          |
|----------------------|------------------------------------------|
| Input Voltage        | <b>110/127V AC - 220/240V AC 50/60Hz</b> |
| Total Absorbed Power | <b>20W</b>                               |
| Power Factor         | <b>&gt; 0,9</b>                          |
| Control System       | <b>On/Off</b>                            |
| Driver               | <b>Included</b>                          |
| Power Supply Type    | <b>Costant Current</b>                   |
| Driver Output        | <b>500mA</b>                             |
| Driver Input         | <b>99-264V~ 50/60Hz</b>                  |
| Driver Protection    | <b>Mains surge 8kV</b>                   |

| Mechanical features           |                                         |
|-------------------------------|-----------------------------------------|
| Housing material              | <b>Aluminum frame and polycarbonate</b> |
| Housing color                 | <b>White RAL 9010</b>                   |
| IP                            | <b>IP44 Front side</b>                  |
| Mounting                      | <b>Recessed</b>                         |
| Hole dimension                | <b>180</b>                              |
| Cable                         | <b>Cm.40</b>                            |
| Operating ambient temperature | <b>-20°C / +45°C</b>                    |
| Storage ambient temperature   | <b>-20°C / +60°C</b>                    |
| Item Dimensions               | <b>55mm Ø207mm - 0,7kg</b>              |

| Others                            |                                                                                                      |
|-----------------------------------|------------------------------------------------------------------------------------------------------|
| Luminous Flux Maintenance         | <b>L80 50000h</b>                                                                                    |
| Driver Lifespan                   | <b>10 Years warranty</b>                                                                             |
| Packaging Dimensions              | <b>300x80x210mm - 1kg</b>                                                                            |
| International standard compliance | <b>EN 60598-1; EN60598-2-2; EN62471 + IEC TR 62778; EN55015; EN61000-3-2; EN61000-3-3; EN 50581;</b> |
| Eancode                           | <b>8019282554684</b>                                                                                 |
| Insulation Class                  | <b>CL2</b>                                                                                           |



