

20x20 Recessed Ceiling LED Panel Light- ARAL MINI Series Indoor Luminaires | Recessed | Panel Lights | High Efficacy LED Panel



Applications

- > Hospitals And Medical Centers
- > Commercial And Entertainment Centers
- > Banks
- > Retails
- > Hotels And Restaurants
- > Offices
- > Public Buildings
- > Educational Centers
- > Airports

Benefits

- > Saving Energy With High Efficiency
- > Easy And Safe Installation
- > Long Life Time Without High Luminous Drop During Time And Maintenance-Free
- > Uniform Illumination Using High Efficiency Opal White Polystyrene Light Diffuser
- > Highly Durable Body Using Carbon Steel
- > High Quality Light Produced By Backlight Technology

features

- > Operating Temperature (°C) : -20 ... +45
- > Lifespan : 50000 h – L80/B10
- > Efficacy (lm/w) : 100
- > Input Voltage (VAC) : 200 ... 240 | 50 ... 60 [Hz]
- > Wavelength : NO UV | NO IR

TECHNICAL DATASHEET

Electrical specifications

| | |
|-------------------|------------------------------------|
| Power Consumption | 15 [W] |
| Power Supply | Drive On Board-DOB- |
| Input Voltage | 200 ... 240 [VAC] – 50 ... 60 [Hz] |
| Energy Label | A++ |

Photometric data

| | |
|-----------------------------|------------|
| CCT (color temperature) | 4000 [K] |
| CRI (color rendering index) | > 90 |
| Luminous Flux | 1500 [lm] |
| Efficacy | 100 [lm/w] |
| Beam Angle | 120 ° |

Dimensions

| | |
|--------|----------|
| Shape | Square |
| Length | 195 [mm] |
| Width | 195 [mm] |
| Height | 60 [mm] |
| Weight | - |

Luminaire Body

| | |
|-------------------|---|
| Body Material | Carbon Steel |
| Body Color | White With Electrostatic Powder Coating |
| Diffuser Material | Polystyrene |
| Diffuser Color | Opal White |
| IP Rating | 44 |

Lifespan

| | |
|----------|-------------------|
| lifespan | 50000 h – L80/B10 |
| warranty | 3 years |

Installation

| | |
|-------------------|---|
| Installation Type | Recessed |
| Usage | Recessed Ceiling Panel Lights, For General Lighting |

TECHNICAL DATASHEET

Additional Systems

| | |
|---------------|---------------------|
| Dimming | Optional |
| DALI | Optional |
| Battery | Optional |
| Motion Sensor | Optional / External |

Light Source

| | |
|--------------------------|--------------------------|
| Manufacturing Technology | Backlight |
| Source Of Light | SMD LED |
| Module Brand | Sayan Electric |
| Module Series | SE-RG1616DB2835X016A0050 |
| Module Geometry | 1 Comb Form Module |
| Chipset Brand / Package | OSRAM / DURIS® E 2835 |
| Led Qty. | 16 LEDs |
| Lens On Chipset | YES |
| Lens Type | 160° Polycarbonate Lens |
| Module Terminal Blocks | WAGO2060 |

DRIVER

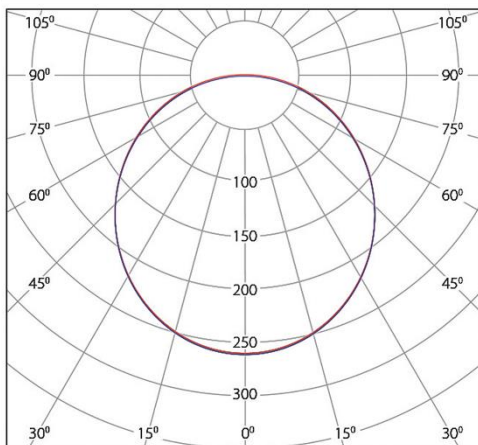
| | |
|--------------|----------------|
| Driver Type | DOB-Linear |
| Driver Brand | Sayan Electric |
| Power Factor | > 60% |
| Flicker | < 5 % |
| THD | – |
| Efficiency | < 85 % |
| Protections | OCP-OTP |

TECHNICAL DATASHEET

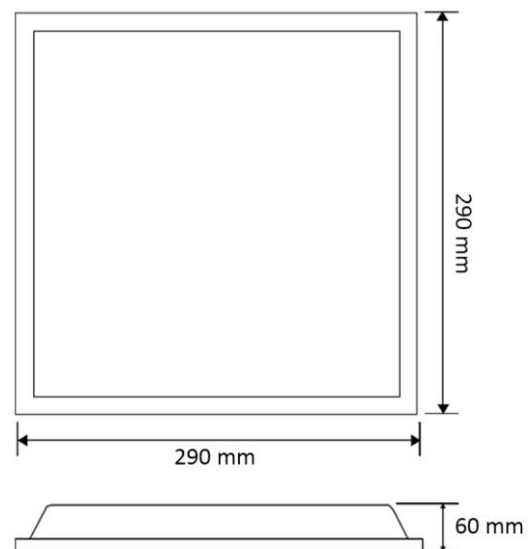
Logistics

| | |
|--------------------------------|----------------------|
| Product Code | SE-AP15R202044DOB |
| Primary Packaging | Plastic Bag |
| Primary Packaging Dimensions | – |
| Secondary Packaging | Compressed Paper Box |
| Secondary Packaging Dimensions | - |
| Tertiary Packaging | Compressed Paper Box |
| Tertiary Packaging Dimensions | – |
| Qty. In Tertiary Packaging | – |

Light Distribution Curve



Technical Drawings



Scan QR Code For More Information