

Slim Recessed Ceiling LED Linear Light- Galaxy R1 Series
Indoor Luminaires | Recessed | Linear Lights | Elegant & High Efficacy Linear Light



Applications

- > Hospitals and Medical centers
- > Commercial and Entertainment centers
- > Banks
- > Retails
- > Hotels and Restaurants
- > Offices
- > Public buildings
- > Educational centers
- > Airports

Benefits

- > Available In Different Sizes - 50,100,150,200 [cm]
- > Uniform Illumination Using High Efficiency Opal White Polycarbonate Light Diffuser
- > Saving Energy With High Efficiency
- > Visual Beauty And Elegant Body Design
- > High Quality Light Produced By Backlight Technology
- > Easy And Safe Installation

features

- > Operating Temperature (°C) : -20 ... +45
- > Lifespan : 50000 h – L80/B10
- > Efficacy (lm/w) : 100
- > Input Voltage (VDC) : 24
- > Wavelength : NO UV | NO IR

TECHNICAL DATASHEET

Electrical specifications

Power Consumption	40 [W]
Power Supply	DC Power Supply
Input Voltage	24 [VDC]
Energy Label	A++

Photometric data

CCT (color temperature)	3000-4000-6500 [K]
CRI (color rendering index)	> 90
Luminous Flux	4000 [lm]
Efficacy	100 [lm/w]
Beam Angle	120 °

Dimensions

Shape	Linear
Length	2000 [mm]
Width	25 [mm]
Height	11 [mm]
Weight	–

Luminaire Body

Body Material	Extruded Aluminum
Body Color	All RAL Colours With Electrostatic Powder Coating
Diffuser Material	Extruded Polycarbonate
Diffuser Color	Opal White
IP Rating	40

Lifespan

lifespan	50000 h – L80/B10
warranty	3 years

Installation

Installation Type	Recessed
Usage	Recessed Ceiling Linear Lights, For General Lighting

TECHNICAL DATASHEET

Additional Systems

Dimming	–
DALI	–
Battery	–
Motion Sensor	Optional / External

Light Source

Manufacturing Technology	Backlight
Source Of Light	SMD LED
Module Brand	SAYAN ELECTRIC
Module Series	SE-LL5001CV2835X035A0600
Module Geometry	4 Linear Module
Chipset Brand / Package	OSRAM / DURIS® E 2835
Led Qty.	140 LEDs
Lens On Chipset	NO
Lens Type	–
Module Terminal Blocks	–

Power Supply

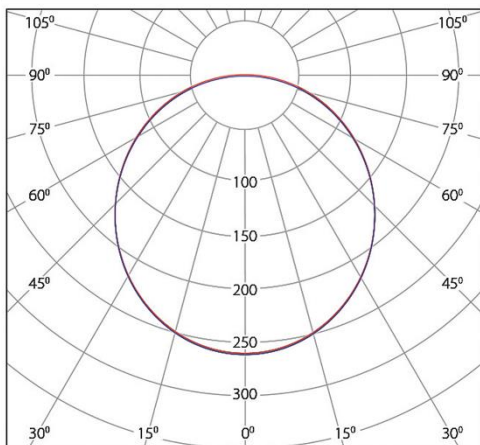
Power Supply Type	24V DC Power Supply
Power Supply Brand	SAYAN ELECTRIC
Power Factor	> 50%
Flicker	< 5 %
THD	–
Efficiency	< 85 %
Protections	OVP-OCP-OLP-Inrush Current Protection

TECHNICAL DATASHEET

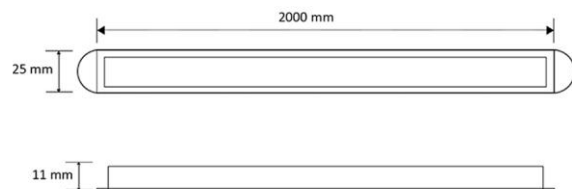
Logistics

Product Code	SE-GY140R2000140ECO
Primary Packaging	Plastic Bag
Primary Packaging Dimensions	—
Secondary Packaging	—
Secondary Packaging Dimensions	—
Tertiary Packaging	—
Tertiary Packaging Dimensions	—
Qty. In Tertiary Packaging	—

Light Distribution Curve



Technical Drawings



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