Glowpanel

spec sheet

Key features

Tailored: Fully tailorable size providing even surface illumination with minimal depth.

LED: Wide range of light outputs, colour temperatures and colours.

Control: Switched, 0-10/1-10v, DALI, DMX and SPI dimming protocols.

Material: Rigid diffusion material chosen to suit application.

Aesthetic: Even illumination and discreet fixing details with trimless options available.

Longevity: 50,000+ LED lifetime expectancy.

Sustainability: Maintainable LED modules.

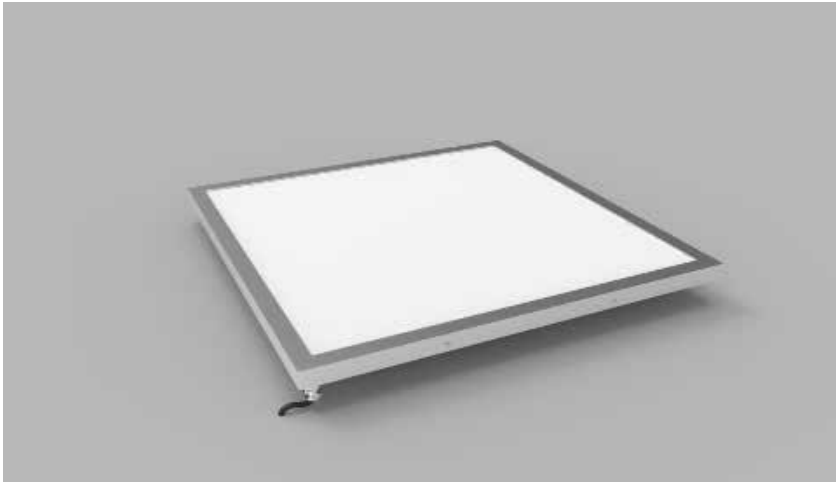**Application:** Interior and exterior wall, ceiling and floor options.

Glowpanel by The Light Lab

Glowpanel
Glowpanel Trimless
Glowpanel LT
Glowpanel Trimless LT
Glowtile

the light lab
bright ideas

Product Details Glowpanel

Specification

	SO	HO
Output	SO	HO
Power Consumption	average 56W/m²	average 72W/m²
Voltage	24VDC	24VDC
IP Rating	IP40 or IP65	IP40 or IP65
LED Colour[1]	2.0K/3.0K/4.0K/5.0K, RGBW or WWCW (White Mix 2.7K - 6.5K)	
Dimensions: Width Length Depth[2]	1500mm (max) 3000mm (max) 20mm	
Mount Type[3]	Surface (SM), Recessed Wall (RE), Wall (WA) or Ceiling (CE)	
Finish	Brushed S/Steel or RAL Finish	
Control	0-10V/1-10V/DMX/DALI/SPI	

Notes
1 Other colours available on request.
2 Depth excludes grommet, glands & cables.
3 Special mechanical consideration is required for ceiling applications.

Order code
Glowpanel - Output-IP Rating-LED Colour-Mount Type-Frame Finish-
Length x Width(mm)- Dimming

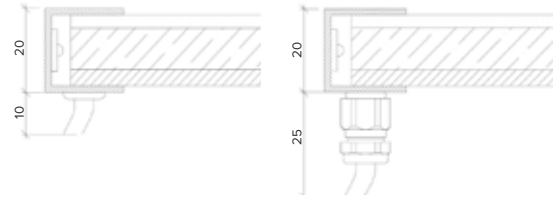**Example code: Glowpanel-SO-IP40-3.0K-SM-BR-1200x300-DALI**

Description: Glowpanel, standard output, IP40, 24VDC constant voltage LED with 3000K colour temperature. Surface mounted with brushed stainless steel frame. Overall dimensions = 1200x300mm mm. DALI dimmable.
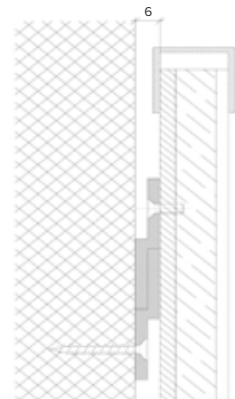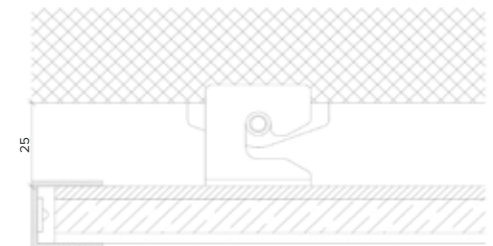
X Section

IP40   IP65

Mount Type

Wall (WA)

Ceiling (CE)

Product Details Glowpanel Trimless

Specification

	SO	HO
Output	SO	HO
Power Consumption	average 56W/m^2	210W/m^2
Voltage	24VDC	24VDC
IP Rating	IP40 or IP65	IP40 or IP65
LED Colour[1]	2.0K/3.0K/4.0K/5.0K, RGBW or WWCW (White Mix 2.7K - 6.5K)	
Dimensions: Width Length Depth[2]	1500mm (max) 3000mm (max) 35mm (SO) or 50mm (HO)	
Mount Type[3]	Surface (SM), Recessed Wall (RE), Wall (WA) or Ceiling (CE)	
Finish	White (WH) or Custom RAL (RAL)	
Control	0-10V/1-10V/DMX/DALI/SPI	

Notes
1 Other colours available on request.
2 Depth excludes grommet, glands & cables.
3 Special mechanical consideration is required for ceiling applications.

Order code
Glowpanel Trimless- Output-IP Rating-LED Colour-Mount Type-Frame Finish-Length x Width(mm)- Dimming

Example code: Glowpanel Trimless-SO-IP40-3.0K-SM-BR-1200x300-DALI

Description: Glowpanel Trimless, standard output, IP40, 24VDC constant voltage LED with 3000K colour temperature. Surface mounted with powder coated chasis. Overall dimensions = 1200x300mm mm. DALI dimmable.
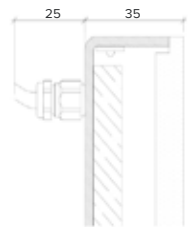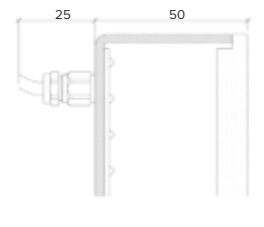
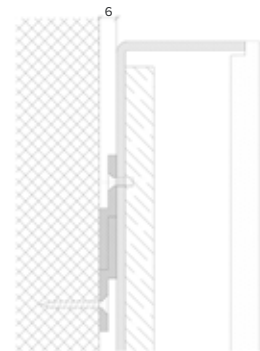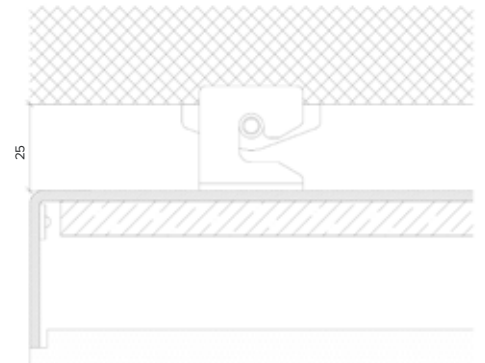---

X Section

SO - IP40

HO - IP40

SO-IP65

HO-IP65

Wall Fixing

Ceiling Fixing

Product Details Glowpanel LT

Specification

Output	SO	HO
Power Consumption	40W/m²	80W/m²
Voltage	24VDC	24VDC
IP Rating	IP40	IP40
LED Colour[1]	2.7K/3.0K/4.0K/5.0K, RGBW or WWCW (White Mix 2.7K - 6.5K)	
Dimensions: Width Length Depth[2]	1200mm (max) 3000mm (max) 85mm	
Mount Type[3]	Ceiling (CE)	
Finish	Black (BK) or Custom RAL (RAL)	
Control	0-10V/1-10V/DMX/DALI/SPI	

Notes
1 Other colours available on request.
2 Depth excludes grommet, glands & cables.
3 Special mechanical consideration is required for ceiling applications.

Order code
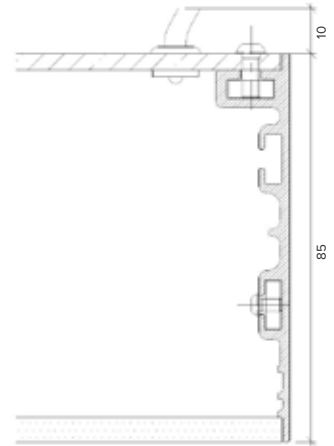Glowpanel LT- Output-IP Rating-LED Colour-Mount Type-Frame Finish-Length x Width(mm)- Dimming

Example code: Glowpanel LT-SO-IP40-3.0K-CE-BR-1200x300-DALI

Description: Glowpanel LT, standard output, IP40, 24VDC constant voltage LED with 3000K colour temperature. Ceiling mounted with powder coated frame.
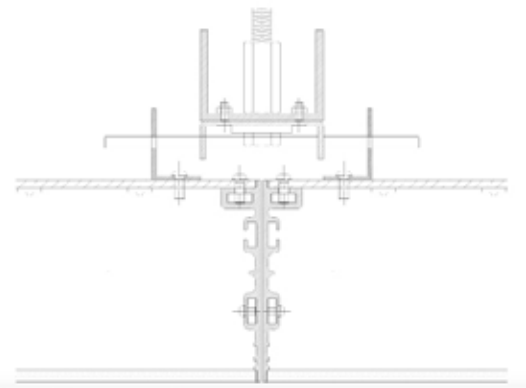Overall dimensions = 1200x300mm mm. DALI dimmable.
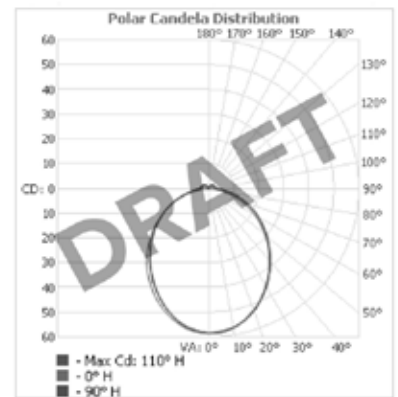
X Section
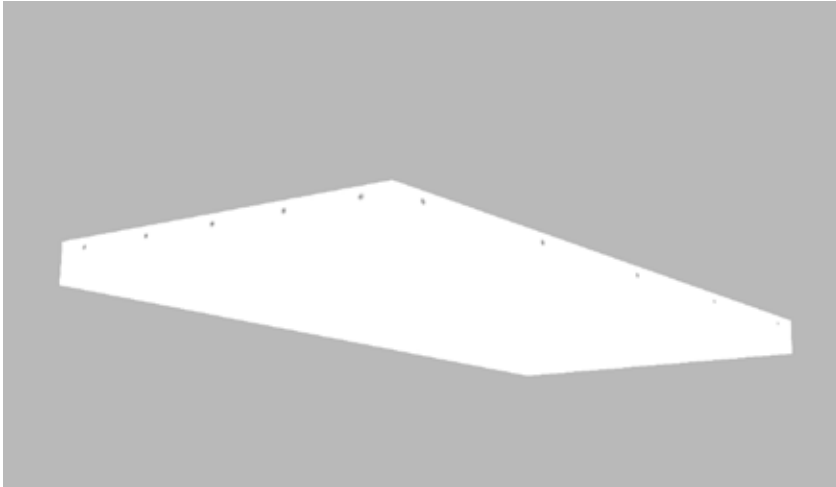IP40

Mount Type
Ceiling (CE)

Photometric Data

Polar Candela Distribution

DRAFT

■ = Max Cd: 110° H
■ = 0° H
■ = 90° H

Photometric data available late Summer 2022.

Product Details Glowpanel Trimless LT

X Section

IP40   IP65

Specification

	SO	HO
Output	SO	HO
Power Consumption	40W/m^2	80W/m^2
Voltage	24VDC	24VDC
IP Rating	IP40	IP40
LED Colour[1]	2.7K/3.0K/4.0K/5.0K, RGBW or WWCW (White Mix 2.7K - 6.5K)	
Dimensions: Width Length Depth[2]	1200mm (max) 3000mm (max) 60mm	
Mount Type[3]	Surface (SM), Recessed Wall (RE), Wall (WA) or Ceiling (CE)	
Finish	5 sided acrylic diffuser	
Control	0-10V/1-10V/DMX/DALI/SPI	

Notes
1 Other colours available on request.
2 Depth excludes grommet, glands & cables.
3 Special mechanical consideration is required for ceiling applications.
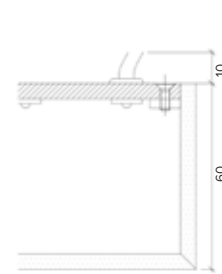
Order code
Glowpanel Trimless LT- Output-IP Rating-LED Colour-Mount Type-Frame Finish-Length x Width(mm)- Dimming

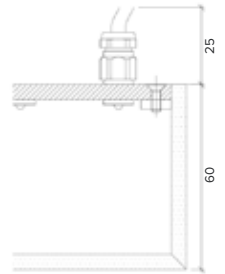**Example code: Glowpanel Trimless LT-SO-IP40-3.0K-SM-BR-1200x300-DALI**

Description: Glowpanel Trimless LT, standard output, IP40, 24VDC constant voltage LED with 3000K colour temperature. Surface mounted with 5 sided acrylic diffuser. Overall dimensions = 1200x300mm mm. DALI dimmable.
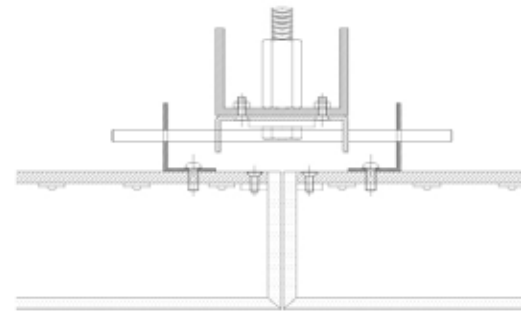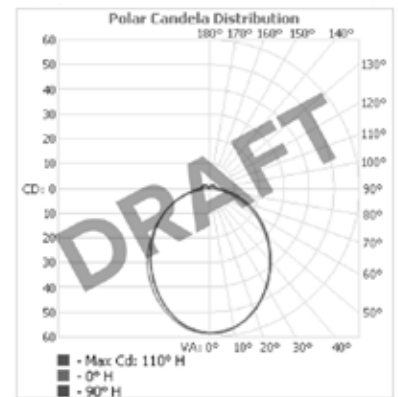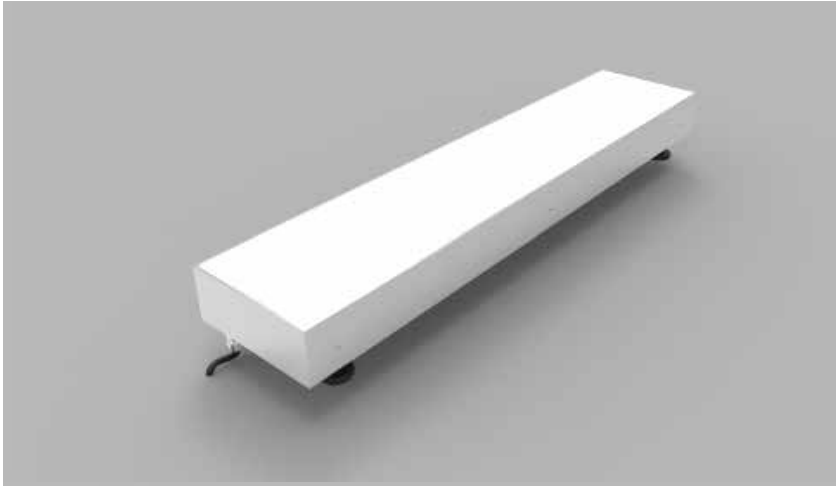
Mount Type

Ceiling (CE)

Photometric Data

Polar Candela Distribution

DRAFT

■ - Max Cd: 110° H
■ - 0° H
■ - 90° H

Photometric data available late Summer 2022.

Product Details Glowtile

51.2

25

Specification

Output	SO	HO
Power Consumption	average 56W/m²	210W/m²
Voltage	24VDC	24VDC
IP Rating	IP67	IP67
LED Colour[1]	2.7K/3.0K/4.0K/5.0K, RGBW or WWCW (White Mix 2.7K - 6.5K)	
Dimensions: Width Length Depth	1000mm (max) 1500mm (max) 76.2mm	
Mount Type	Inground (IN)	
Finish	White (WH) or Custom RAL (RAL)	
Control	0-10V/1-10V/DMX/DALI/SPI	

Notes
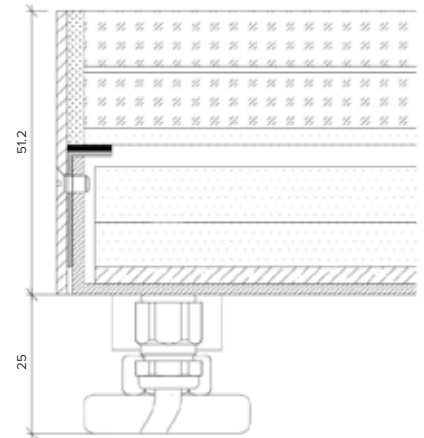1 Other colours available on request.

Order code
Glowtile- Output-IP Rating-LED Colour-Mount Type-Frame Finish-
Length x Width(mm)-Dimming

Example code: Glowtile-SO-IP67-3.0K-IN-WH-1200x300-DALI

Description: Glowtile, standard output, IP67, 24VDC constant voltage LED with
3000K colour temperature. Inground with white powdercoat frame.
Overall dimensions = 1200x300mm mm. DALI dimmable.

the light lab
bright ideas

Project Images

Sadler's Wells

Breakspear Park

85 Finsbury Square

Great Western Arcarde

12 Arthur St

Waterloo Station

Ropemaker Place

Glowpanel by The Light Lab

the light lab
bright ideas