

TALEXpanel P581 EXCITE

LED panel for 24 V constant voltage



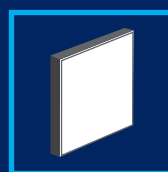
Letter standard



Letter mini



Lightbox standard



Lightbox slim



Light contour

Perfect backlighting for small mounting depths

The trend in luminaires, light boxes and even illuminated room dividers is for slimmer and slimmer designs. The smaller the mounting depth, the greater the demands on the light source to achieve homogeneous illumination.

TALEXpanel P581 has been developed for such applications. For mounting depths starting at 30 mm TALEXpanel P581 provides absolutely uniform backlighting.

___ [Perfect backlighting of slim systems with complex shapes](#)

Maximum freedom of design

The advent of LED light sources for illumination tasks has led to a huge rise in expectations regarding freedom of design.

TALEXpanel P581 has been developed with a view to meeting individual requirements in terms of freedom of design. Based on DIN formats, TALEXpanel P581 covers all possible shapes. TALEXpanel P581 always provides optimum illumination even for luminaires not compliant with DIN standards. This is thanks to its unique design. TALEXpanel P581 can be separated between any modules. If this is not sufficient it is also possible to remove the side components of the module.

___ [Great freedom of desing](#)

5 year guarantee

Tridonic provides a 5 year guarantee for TALEXpanel P581. Even at a high ambient temperature of 60°C the expected life is at least 50,000 hours. This avoids high replacement costs.

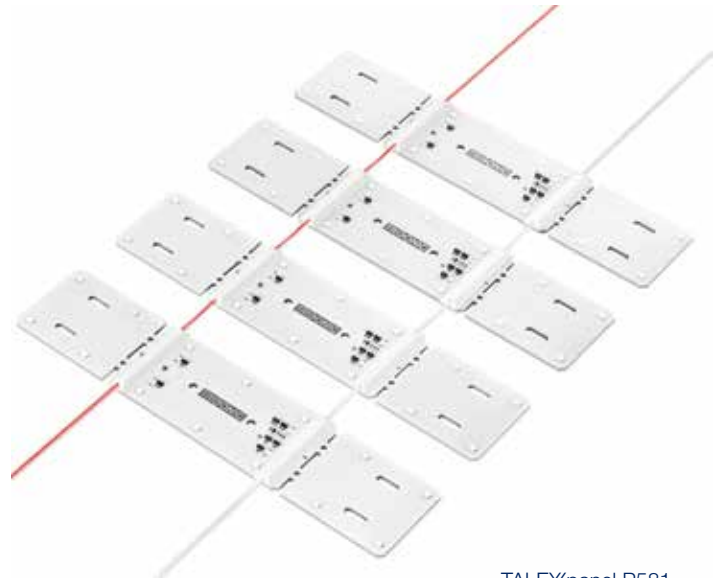
___ [Reliability/total operating costs](#)

Quick and easy installation

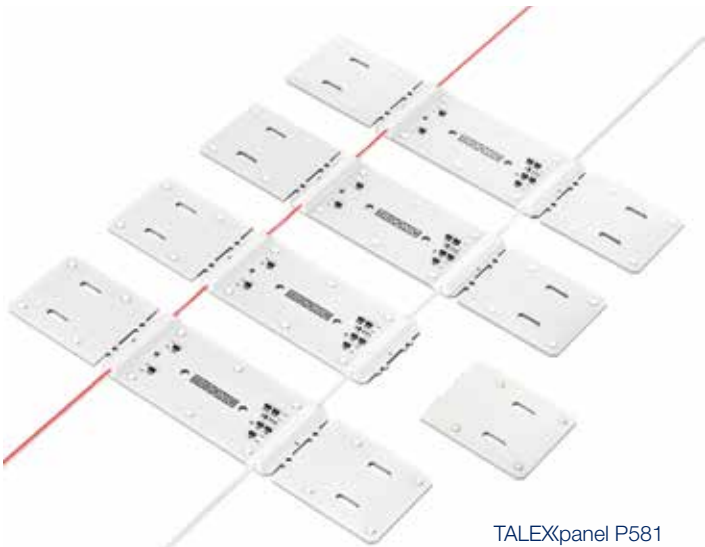
Providing large-area backlighting for systems with small mounting depths (≥ 30 mm) is an extremely time-consuming task.

All this is a thing of the past thanks to TALEXpanel P581. Its flexible chain design means that installation is quicker and easier than ever before. Installation time is reduced to a minimum without compromising on freedom of design.

___ [Installation time minimized](#)



TALEXpanel P581



▼ At a glance

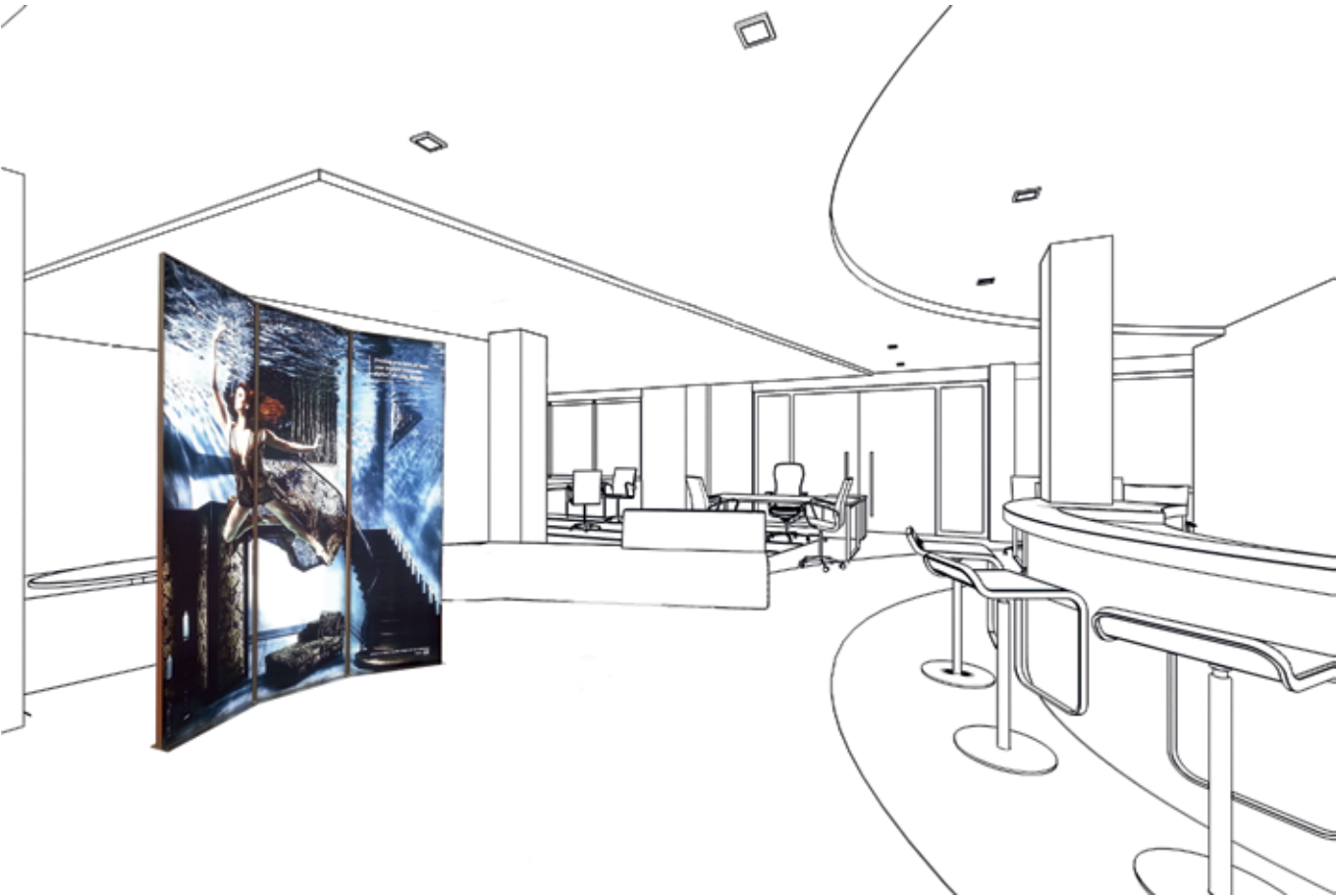
- Optimum backlighting for small mounting depths irrespective of the front material (fabric, PMMA, etc.)
- Quick, easy and reliable installation (24V DC)
- Great freedom of design
- 5 year guarantee/50,000 hours of operation

Technical property	TALEXpanel P581
Luminous flux per module ¹⁾	100lm
Luminous efficacy	106lm/W
Power per module	0.94W
Beam characteristic	120°
Light colour ²⁾	DL (6,500K) LW (5,000K) NW (4,000K) WW (3,000K)
White light tolerance	MacAdam 4
Number of modules per chain	25 pieces
Distance between modules	60mm
Ambient temperature t _a	−40...+60°C
Storage temperature t _s	−40...+60°C
Guarantee	5 years
Expected life time at t _a 60°C	≥ 50,000h
Approval marks	CE, ENEC, UL, CSA
Optimum mounting depth	≥ 30mm

¹⁾ Luminous flux for light colour LW (5,000 K)
²⁾ Light colours only for information purposes. For detailed information see the relevant data sheet.

TALEXpanel	Art. No.	Luminous flux per module	Light colour	Colour temperature ¹⁾	Spacing between modules
P581 G1 WW 100lm 60mm 25 00 D EXC	TBD	100lm	Warm White (WW)	3,000K	60mm
P581 G1 NW 100lm 60mm 25 00 D EXC	TBD	100lm	Neutral White (NW)	4,000K	60mm
P581 G1 LW 100lm 60mm 25 00 D EXC	28000615	100lm	Lightwhite (LW)	5,000K	60mm
P581 G1 DL100lm 60mm 25 00 D EXC	28000614	100lm	Daylight White (DL)	6,500K	60mm

¹⁾ Colour temperature for information only. Detailed information see data sheet.



Support and advice from a single source
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that are unbeatable in terms of economy and functionality.



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Light you want to follow.

