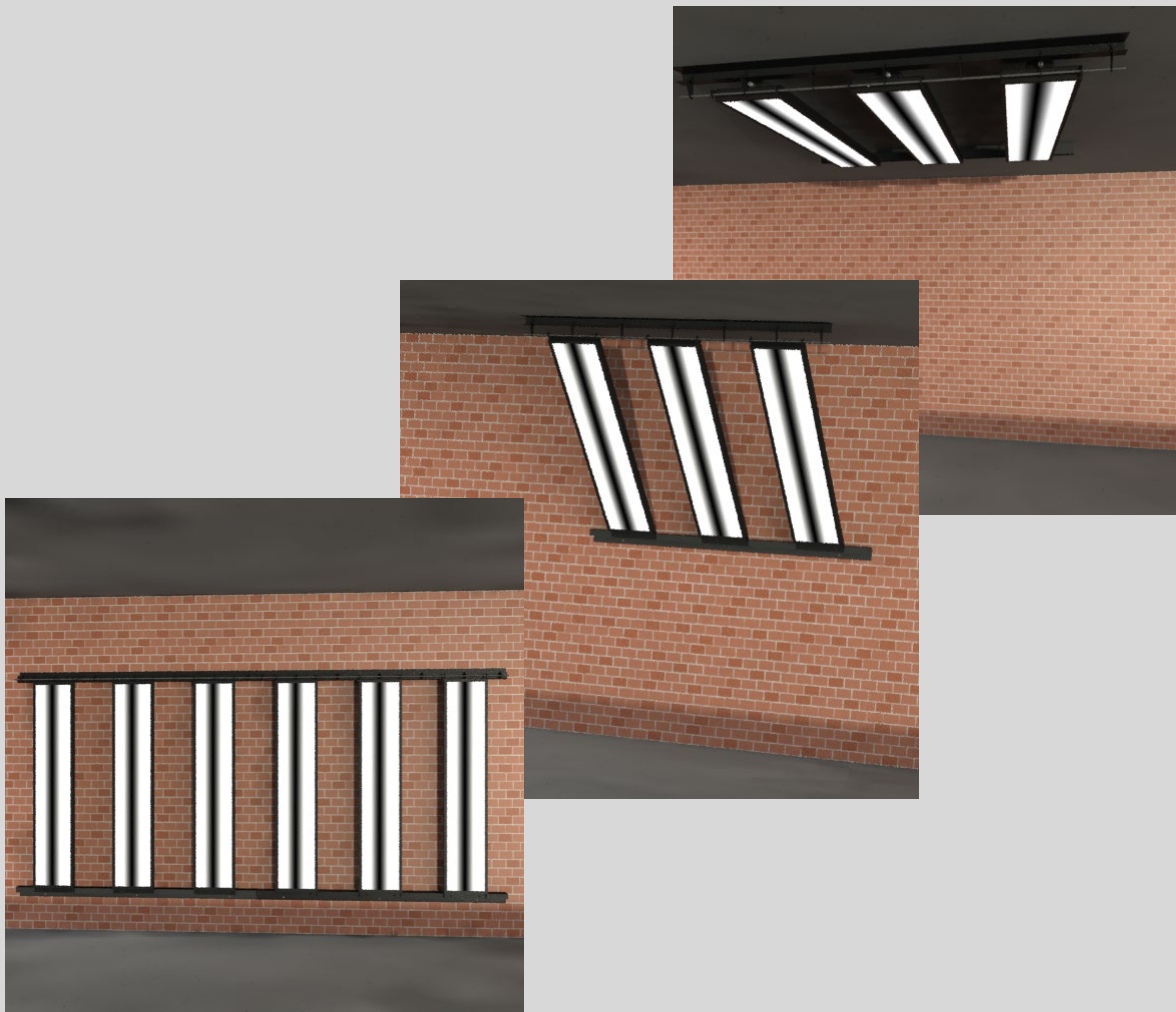


Opti Light



Reference:

OptiLight Wall Mounted sets

Document :

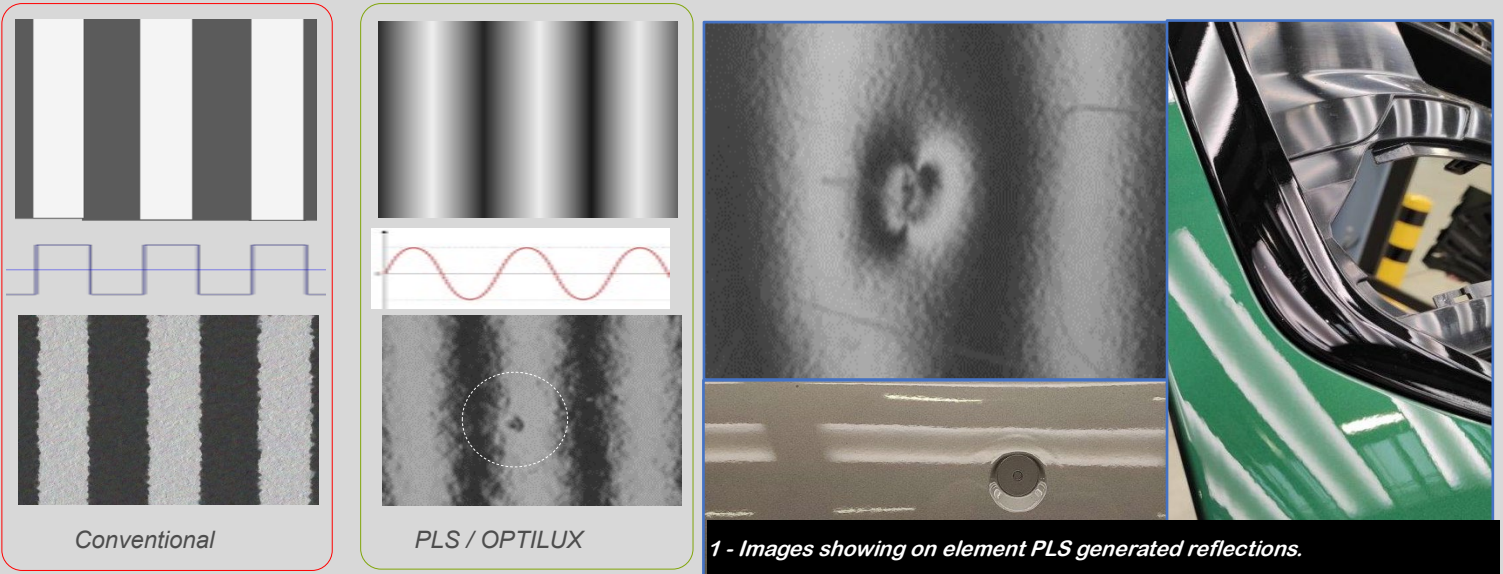
TECHNICAL SPECIFICATIONS

PLS lighting systems

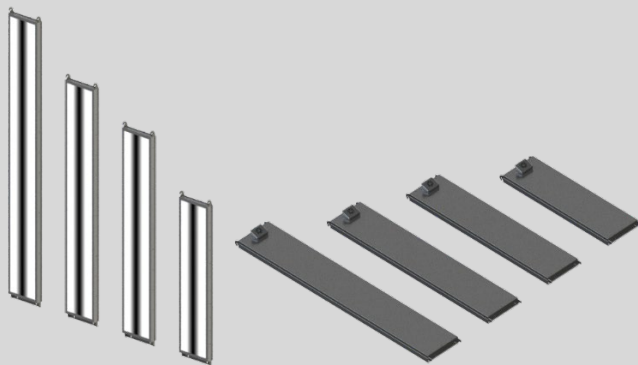
The here described system is equipped with the VIRELUX proprietary PLS light box design. It features a dedicated, sinusoidal profile light emission, improving operator ergonomcy and visual accuracy.

Explanation: small defects are more visible in grey level transition zones, than in stepped profile lighting, whilst additionally reducing the needed operator movements.

This generally translates to higher detection rates, and lower operator fatigue effects.

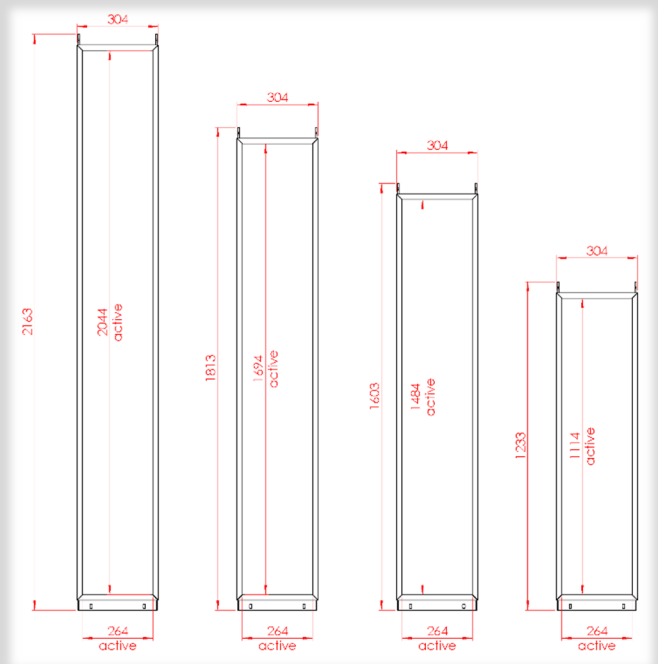


PLS CONFIGURATION OVERVIEW



PLS light-boxes exist in 4 nominal sizes:

- LBM 12 with an active surface of ~1.200 x 250 mm
- LBM 15 with an active surface of ~1.500 x 250 mm
- LBM 18 with an active surface of ~1.800 x 250 mm
- LBM 21 with an active surface of ~2.100 x 250 mm



Wall mounted sets

2 - Wall mounted, basic module with 3 LB.



3 - Wall mounted extended with 3 LB.



4 - Corner mounted



5 - Ceiling mounted



One basic set consists of 3 LB's, in 4 possible lengths, mounted onto two support rails with integrated cable trays. The system is extensible by any number of additional sets of 3 LB's

Technical Data:

Sinusoïde light colour:	4.000 K
Double sinusoïde composite pattern:	4.000 K - 3.000 K - 4.000 K
LED Type:	SMD 2835
Led Lifetime:	>40.000 h
Luminosity:	Adjustable from 1.000-3.000 Lux at 1m
Dimmable:	PWM , stepless
Power supply:	220V - 16A

LBM 12

Active surface:	1.200 x 250 mm active	Overall weight:	60 kg
Overall dimensions (HxWxT):	1.314 x 1.800 x 121 mm	Rated power:	240 W

LBM 15

Active surface:	1.500 x 250 mm active	Overall weight:	65 kg
Overall dimensions (HxWxT):	1.684 x 1.800 x 121 mm	Rated power:	320 W

LBM 18

Active surface:	1.800 x 250 mm active	Overall weight:	70 kg
Overall dimensions (HxWxT):	1.894 x 1.800 x 121 mm	Rated power:	480 W

LBM 21

Active surface:	2.100 x 250 mm active	Overall weight:	75 kg
Overall dimensions (HxWxT):	2.244 x 1.800 x 121 mm	Rated power:	480 W

Optional Features:

Composite pattern

Composite pattern including an additional sinusoidal center line in yellow color.

Centralized power Cabinet

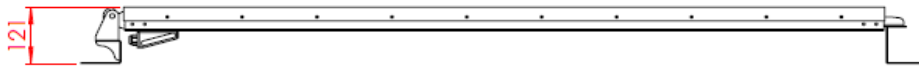
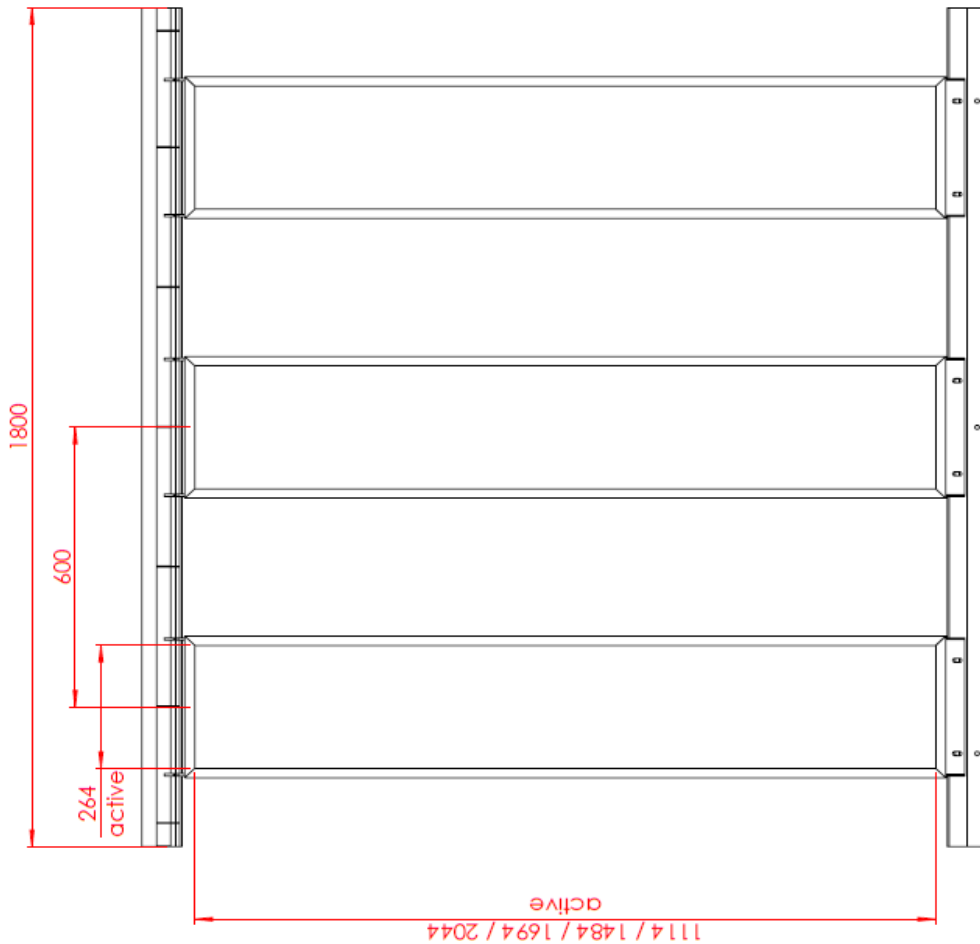
Installation of an electrical cabinet regrouping all functions

Fixing set, Wall & Ceiling

Set of fixing components for wall mount

Fixing set, Corner (horizontal)

Set of fixing components for wall mount



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Geometric tolerances according ISO 1101	Surface roughness unless specified according to ISO 1302.	Reference	Supplier:	Dimensions without tolerances according ISO 2768-m	CAD GENERATE DRAWING. DO NOT MANUALLY UPDATE!
VIRELUX Inspection systems		Y. FALCETTA		Material:	Thickness Sheet: mm
126, Avenue Charlotte L-4531 Differdange		Date: 02/12/2022		Weight: 30.531 kg	Scale: 1:10
		Number: 34-70-00		Revision:	Size: A3
		Title: Lampes sur cornières			Sheet: 1 of 1