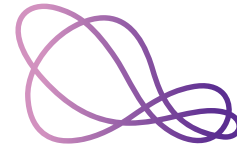


O LUM SCREEN

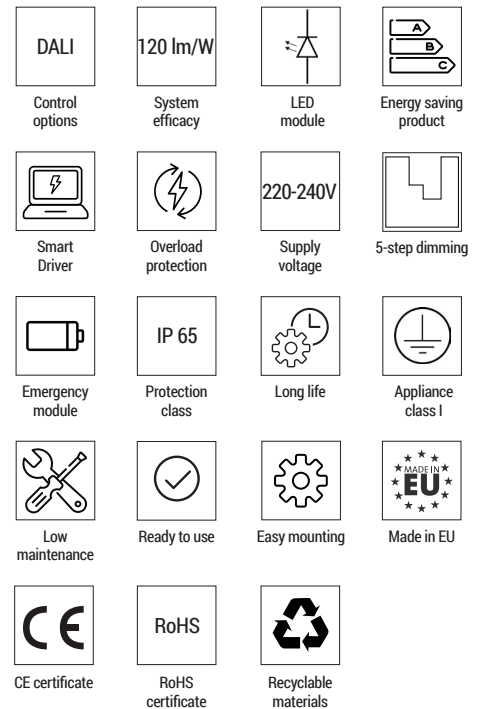


**LUMENIA
INTERIOR**

Lighting is crucial for well-being, productivity, and increased vitality. This luminaire is designed to provide excellent vision at work in clean rooms, laboratories, hospitals, medical centers and in certain production environments. It meets all applicable lighting standards and regulations for operating in highly hygienic facilities which require easy-to-clean, dust-free luminaires.



	O LUM SCREEN
System efficacy	Up to 120 lm/W
Supply voltage	220-240 VAC 50 ÷ 60 Hz
LED	144
Power	40 W
Luminous flux	4,800 lm
Power factor	0.96
Advisable installation height	Up to 4 m
Weight	5.5 kg
Lifetime L80B10	50,000 h
CCT	4,000 K, other upon request
CRI	> 80
UGR	<19
SDCM	3
Ingress protection	IP 65
Surge protection options	1 kV / 2 kV
Operating temperature	-20 °C to +45 °C
Electrical / Appliance class	Class I
Dimming levels	0-100 %
Emergency lighting	Yes; 1 or 3 h
Remote control options	DALI
Colour (RAL)	RAL 9016
Housing material	Steel sheet housing Cover: tempered glass
Mounting	Recessed
Warranty	5 years
Certificates	EN 60598-2-1:1989; EN 60598-1:2008+A11:2009; LED - EN 62031:2008+A1:2013; CE



MAIN FEATURES

Energy efficacy up to 120 lm/W
Low UGR
Optional Emergency Lights

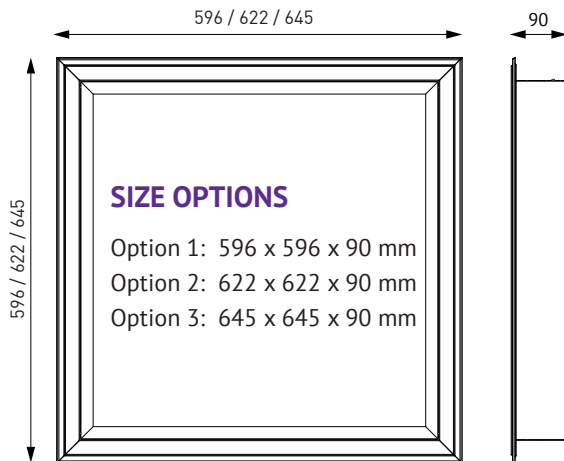
APPLICATIONS

Clean rooms
Laboratories
Hospitals

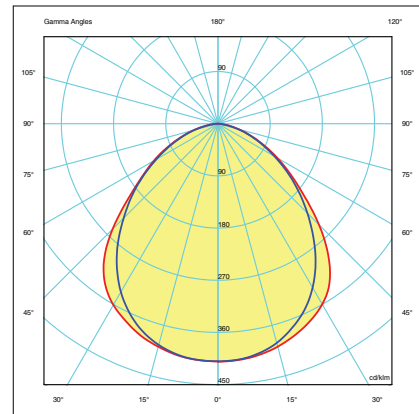
ACCESSORIES

Emergency module 1 h or 3 h

DIMENSIONS



OPTIC



O LUM QUADRO: Clean room installation with Lambert light distribution and low UGR index.

PRODUCT VARIATIONS

Article	LED	Power [W]	Luminous flux [lm] *	Efficacy [lm/W]	Forward current [mA]	Body type	Control	Luminaires per fuse	Appliance class	Additional options
SC.40.4080.596.MG.00.NO.65	144	40	Up to 4800	120	60	Screen 596x596 mm	/	< 45 pcs	Class I	/
SC.40.4080.596.MG.00.EM.65	144	40	Up to 4800	120	60	Screen 596x596 mm	/	< 45 pcs	Class I	Emergency module 1 / 3 h
SC.40.4080.596.MG.01.NO.65	144	40	Up to 4800	120	60	Screen 596x596 mm	DALI	< 45 pcs	Class I	/
SC.40.4080.622.MG.00.NO.65	144	40	Up to 4800	120	60	Screen 622x622 mm	/	< 45 pcs	Class I	/
SC.40.4080.622.MG.00.EM.65	144	40	Up to 4800	120	60	Screen 622x622 mm	/	< 45 pcs	Class I	Emergency module 1 / 3 h
SC.40.4080.622.MG.01.NO.65	144	40	Up to 4800	120	60	Screen 622x622 mm	DALI	< 45 pcs	Class I	/
SC.40.4080.645.MG.00.NO.65	144	40	Up to 4800	120	60	Screen 645x645 mm	/	< 45 pcs	Class I	/
SC.40.4080.645.MG.00.EM.65	144	40	Up to 4800	120	60	Screen 645x645 mm	/	< 45 pcs	Class I	Emergency module 1 / 3 h
SC.40.4080.645.MG.01.NO.65	144	40	Up to 4800	120	60	Screen 645x645 mm	DALI	< 45 pcs	Class I	/

*Luminous flux is valid for CCT 4000 K

	Abbreviation	Description
Luminaire	SC	O LUM SCREEN
Power	40	40 W
CCT CRI	4080	4000K CRI 80
Length	596	596x596 mm
	622	622x622 mm
	645	645x645 mm
Diffusor	MG	Micro prismatic glass
Power supply	00	Standard
	01	DALI
Emergency module	NO	Without
	EM	Emergency module
IP Class	65	IP65

The latest validated data is available at www.lumenia.com.

NOTE: Screen luminaire is produced in Class I protection class, with internal 4A fuse. With Emergency version of Screen luminaire you need to determine the emergency module autonomy of 1 h or 3 h, before order. Luminaire is prepared for integration into ceilings design for clean rooms.