

LARA-O LED



Luminaire type

Suspended LED luminaire with direct/indirect distribution of the light -- the perfect solution for schools, offices, open spaces.

Key advantages

- very high efficiency of more than 167 lm/W
- long life and maintenance free
- excellent glare protection on the direct side
- UGR 14
- quick pay-off for the initial investments (ROI)
- design for quick and easy installation

Mounting

LARA-O LED is designed for suspended mounting with two steel wires (as accessories). The wires are fixed to the luminaire trough automatic fixation that allows secure locking and easy manual adjustment with no special tools.

Application

LARA-O LED luminaire is the best in class solution for general lighting purposes for schools, offices, banks, meeting rooms, conference halls, etc.

Optical system

This LED luminaire is equipped with prismatic diffuser on the direct side to ensure no visible dots from the LED and control of the glare. The indirect part is covered with opal or clear polycarbonate. The available options for light distribution are 50%:50% or 30%:70% (down/up).

Warranty

The operational life of the LED modules used is minimum 50,000 h. The warranty of the luminaire is 5 years.

Technical Specifications*

*All specifications are for Philips components

PRODUCT REVIEW	
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Technology	LED
Dimmable	No
Type	Integrated LED
Mount	Suspended
Control gear type	Electronic
Housing material	Steel
Lumen maintenance L70/B50	>70 000h
Lumen maintenance L80/B10	>65 000h
Photo biological Risk Group	0
Luminaire efficacy (lm/W)	>125
SDCM	3
Fixture Luminous Flux	6600lm
Glare control	UGR < 14
Color temperature (K)	4000
IP	40
IK	07

GENERAL DATA	
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Ordering No	
Product name	LARA-0 LED
General applications	Class rooms, Offices
Sales pack quantity	1
Operating temperature range (°C)	25
Housing color	White RAL 9016

ELECTRICAL DATA	
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Luminaire Input Power (W)	53
Inrush duration (µs)	282
Inrush current (A)	17.8
Drive current (mA)	350
Max luminaires per 10A C Breaker	24
Max luminaires per 13A C breaker	32
Max luminaires per 16A C Breaker	40
Max luminaires per 20A C breaker	49
Max luminaires per 10A B breaker	15
Max luminaires per 13A B breaker	19
Max luminaires per 16A B breaker	≤ 24
Max luminaires per 20A B breaker	30
CRI	>80
Electrical protection	Class I
Glow wire test (°C)	850
Lamp energy label (class)	A++
Nominal input voltage	220...240
Nominal frequency (Hz)	50...60

PHYSICAL DATA	
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Lamp included	Yes
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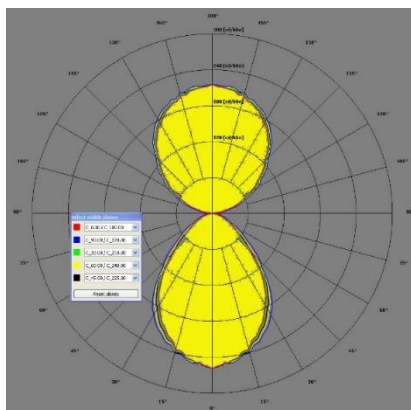
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Included lamp	Integrated LED
Nominal product height (mm)	54
Nominal product width (mm)	150
Nominal product length (mm)	1250
Weight (kg)	
Diffuser finish	Glass
Diffuser material	None
Louvre finish	Gloss
Louvre material	Aluminium 99% reflectivity
Reflector material	Aluminium

PACKAGING

Single packaging type	Carton
Packaging outer length (cm)	130
Packaging outer width (cm)	16
Packaging outer height (cm)	6
Single package volume (dm3)	12,48
Single product gross weight (kg)	
Single packaging weight (kg)	0,2

PHOTOMETRY



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