

Luminaire type

Suspended LED luminaire with direct and indirect distribution of the light -- the perfect solution for schools, offices, open spaces. Available with aluminium optic and with prismatic PMMA

Key advantages

- long life and maintenance free
- excellent glare protection with UGR<14
- quick pay-off for the initial investments (ROI)
- design for quick and easy installation

Mounting

QI 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

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Optical system

For the direct light QILED is equipped with double parabolic optical system that is designed especially for LED source of light. The optics is produced from highly efficient anodized aluminum in combination with dedicated opal diffuser. For this optical system, ELUX has registered EU design. For the indirect, the LED light goes through opal cover. The result is a LED luminaire with excellent comfort and efficiency.

Warranty

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

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Technical Specification*

*All specifications are for Philips components.

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PRODUCT REVIEW	
Technology	LED
Dimmable	No
Type	Integrated LED
Mount	Suspended
Control gear type	Electronic
Housing material	Steel
Lumen maintenance L70/B50,L80/B10	50 000
Photo biological Risk Group	0
Luminaire efficacy (lm/W)	114
sSDCM	3
Fixture Luminous Flux (lm)	3200

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reserves the rights to further improve the listed luminaires.

Glare control	UGR < 14
Color temperature (K)	4000
IP	40
IK	07

GENERAL DATA

Ordering No	
Product name	QI LED High-end offices, meeting rooms
General applications	
Sales pack quantity	1
Operating temperature range (°C)	25
Housing color	White RAL 9006

ELECTRICAL DATA

Luminaire Input Power (W)	28
Inrush duration (µs)	230
Inrush current (A)	15.1
Drive current (mA)	276
Max luminaires per 10A C Breaker	34
Max luminaires per 13A C breaker	44
Max luminaires per 16A C Breaker	56
Max luminaires per 20A C breaker	68
Max luminaires per 10A B breaker	20
Max luminaires per 13A B breaker	26
Max luminaires per 16A B breaker	100% ≤33
Max luminaires per 20A B breaker	41
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

Lamp included	Yes
Included lamp	Integrated LED
Nominal product height (mm)	30
Nominal product width (mm)	100
Nominal product length (mm)	1126
Weight (kg)	2.4
Diffuser finish	Opal/prismatic
Diffuser material	PMMA

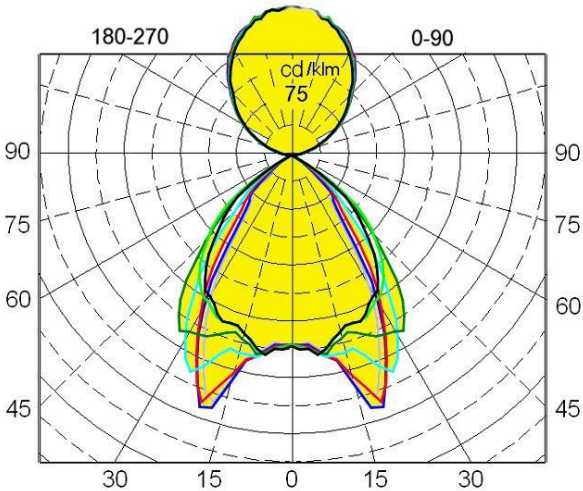
PACKAGING

Single packaging type	Carton
Packaging outer length (cm)	113
Packaging outer width (cm)	10,5
Packaging outer height (cm)	8



Single package volume (dm3)	9,5
Single product gross weight (kg)	2.42
Single packaging weight (kg)	0.2

PHOTOMETRY



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