LED

Luminaire type

Suspended luminaire with highly efficient optics for direct illumination of offices, computer halls, meeting and conference rooms.

Key advantages

- excellent anti-glare protection with UGR <19
- long life-span to up to 60,000 hours
- option for continuous mounting
- designed for quick and easy installation and leveling

Mounting

QLED is designed for suspended mounting with two steel wires. The wires are fixed to the luminaire trough automatic fixation that allows secure locking and easy manual adjustment of the level without special tools.

Application

With glare to even below 17, QLED is excellent for offices, computer halls, banks, meeting rooms, conference halls, etc.

Optical system

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

Electrical connection

The luminaire is equipped with automatic connector. Options with connectors Wieland, Wago and

Ensto are also possible. The luminaire can be also supplied with cable for direct connection.

Technical Specification*
*All specifications are for Philips components.

PRODUCT REVIEW	
Technology	LED
Dimmable	Yes
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
SDCM	3
Fixture Luminous Flux (lm)	3200
Glare control	UGR < 19
Color temperature (K)	4000
IP	40
IK	07
GENERAL DATA	
Ordering №	
Product name	Q LED
General applications	High-end offices, meeting rooms
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	57

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)	114
Packaging outer width (cm)	10.5
Packaging outer height (cm)	3.5
Single package volume (dm3)	4.2
Single product gross weight (kg)	2.42
Single packaging weight (kg)	0.2

PHOTOMETRY

ELUX
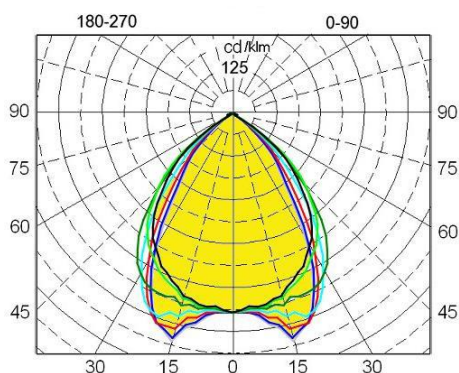
reserves the rights to further improve the listed luminaires.