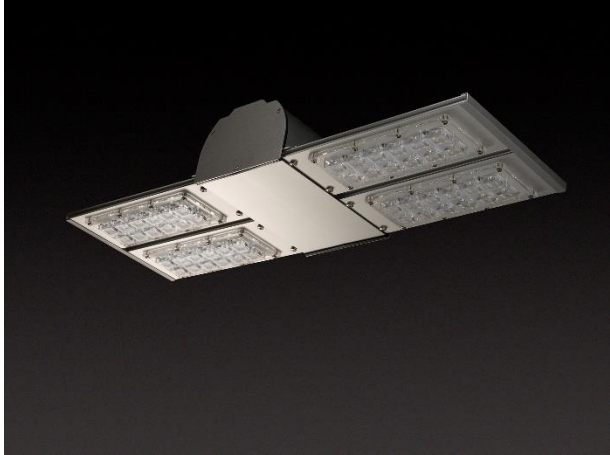


AIRY LED INDUSTRY



New generation IP 66 LED luminaire designed for application in industry and warehouses for mounting height of above 15 meters. AIRY LED is very compact and easy to be installed. This luminaire can replace existing installation with high-discharge lamps.

Mounting

AIRY LED is mounted with special brackets on suspended wires, chains or directly on the ceiling. AIRY LED is equipped with special IP66 connectors (male and female) which is ensured through wiring connection.

Key advantages

- energy efficient luminaire with more than 120 lm/W
- long life-span with more than 50,000 hours.
- completely maintenance free (no need for lamp replacement)
- easy mounting
- colour temperature – 4000 K

Application

- industry
- warehouses
- cool rooms

Material and finish

AIRY LED is produced from anodized extruded aluminum that guarantees long life and good performance of the LEDs. Standard colour is natural aluminum.

Optical system

AIRY LED is equipped with LED modules with high-quality chips provided by CREE. The light modules are covered with IP66 lenses that ensure IP protection and proper light distribution. The optics are provided by LEDIL (Finland).

Warranty

The operational life of the LEDs is more than 50,000 hours. The standard warranty is up to 5 years.

Technical Specifications*

PRODUCT REVIEW	
Technology	LED
Dimmable	No
Type	Integrated LED
Mount	Suspended
Control gear type	Electronic
Housing material	Steel
Lumen maintenance L70/B50	50,000h
Lumen maintenance L80/B10	50,000h
Photo biological Risk Group	0
Luminaire efficacy (lm/W)	>120
SDCM	3
Fixture Luminous Flux	13,440
Glare control	UGR < 22
Color temperature (K)	4000
IP	65
IK	07

GENERAL DATA	
Ordering №	1610050061314204021100001
Product name	AIRY
General applications	Warehouses
Sales pack quantity	1
Operating temperature range (°C)	25
Housing color	White RAL 9016

ELECTRICAL DATA	
Luminaire Input Power (W)	110
Inrush duration (µs)	
Inrush current (A)	100
Drive current (mA)	700
Max luminaires per 10A C Breaker	
Max luminaires per 13A C breaker	
Max luminaires per 16A C Breaker	
Max luminaires per 20A C breaker	
Max luminaires per 10A B breaker	4
Max luminaires per 13A B breaker	
Max luminaires per 16A B breaker	7
Max luminaires per 20A B breaker	
CRI	>80
Electrical protection	Class I
Glow wire test (°C)	850
Lamp energy label (class)	A++



reserves the rights to further improve the listed luminaires.

Nominal input voltage	220...240
Nominal frequency (Hz)	50...60

PHYSICAL DATA

Lamp included	Yes
Included lamp	Integrated LED
Nominal product height (mm)	110
Nominal product width (mm)	590
Nominal product length (mm)	190
Weight (kg)	4
Diffuser finish	Opal
Diffuser material	PMMA
Louvre material	Aluminium 99% reflectivity
Reflector material	Aluminium

PACKAGING

Single packaging type	Carton
Packaging outer length (cm)	30
Packaging outer width (cm)	65
Packaging outer height (cm)	16
Single package volume (dm ³)	31,2
Single product gross weight (kg)	4,2
Single packaging weight (kg)	0,2

PHOTOMETRY

