ICE44

Type of luminaire

ICE44 is a luminaire for public areas where a soft light distribution is required. With its protection IP44 this innovative product can be used in production facilities, warehouses, corridors, parking spaces, underground passages, metro-stations, etc. It is offered in length of 600 and 1200 mm.

Key advantages

- energy efficient luminaire with more than 130 lm/W
- long life-span
- completely maintenance free (no need for lamp replacement)
- easy mounting
- high-quality of the light emitted with CRI>80
- various selection for colour temperature – between 3000 and 6500K

Application

- Industrial premises
- Warehouse solutions
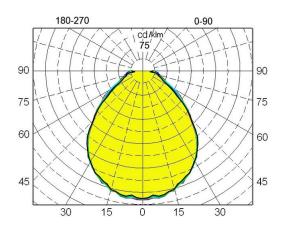- Open public areas
- Parking areas

Material and finish

The housing of ICE44 is made from steel sheet, powder coated white. The optical cover is made of semi-transparent acrylic diffuser with feeding options from center and both ends. The used LED module and drivers are with high-quality with minimum ripple (less than 3%).

all data bellow is for the 1200mm version

PRODUCT REVIEW	
Technology	LED
Dimmable	No (DALI on demand)
Type	Integrated LED
Mount	
Control gear type	Electronic
Housing material	Powder coated steel sheet with acrylic diffuser
Lumen maintenance L70/B50, L80/B10	>60 000
Photo biological Risk Group	0
Luminaire efficacy (lm/W)	>130lm/W
SDCM	3
Fixture Luminous Flux	3700-6800 lm
Glare control	UGR < 20
Color temperature (K)	3000-6500
IP	44
IK	05

GENERAL DATA	
Ordering №	
Product name	ICE44
General applications	Public areas
Sales pack quantity	1
Operating temperature range (°C)	25
Housing color	white

ELECTRICAL DATA	
Luminaire Input Power (W)	28-50
Inrush duration (µs)	245
Inrush current (A)	36.9
Drive current (mA)	500
Max luminaires per 10A C Breaker	14
Max luminaires per 13A C breaker	19
Max luminaires per 16A C Breaker	23
Max luminaires per 10A B breaker	8
Max luminaires per 13A B breaker	11
Max luminaires per 16A B breaker	14
CRI	>80
Electrical protection	Class I
Glow wire test (°C)	650

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)	60
Nominal product width (mm)	170
Nominal product length (mm)	600 (1200)
Weight (kg)	3.8
Diffuser finish	Prismatic diffuser
Diffuser material	PMMA

PACKAGING

Single packaging type	Carton
Packaging outer length (cm)	61 (121)
Packaging outer width (cm)	18
Packaging outer height (cm)	7
Single package volume (dm3)	
Single product gross weight (kg)	4.2
Single packaging weight (kg)	0.4

PHOTOMETRY