

# Light line system

## Commercial Lighting System

### Model range: iLine

Model range 30 W up to 66 W

Modular strip system with complete wiring

Fully compatible with EN 12464-1



The iLine luminaire system is fully compatible with EN 12464-1. The iLine Lighting System have an integrated wiring system, significantly reducing installation and maintenance costs. The modular range of iLine luminaires makes it possible to optimize the luminaire choice for interior lighting in shops, production and shipping areas, offices, etc.

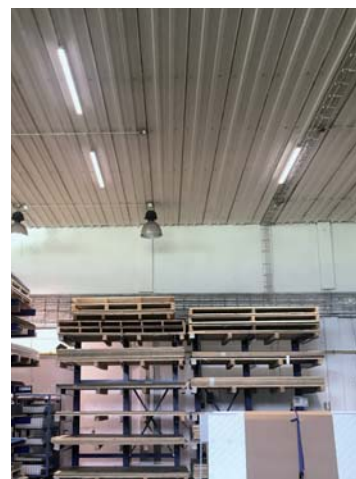


The NICHIA 3030 light modules have a wide range of power and radiation characteristics, including asymmetric, to direct luminous flux where needed.

The iLine Lighting System dramatically speeds up the installation of the lighting system, dramatically reducing the total cost of lighting for the area. Compared to conventional fluorescent installations, the iLine range offers a highly efficient LED lighting solution.

The power supply of the luminaire produces a steady luminous flux without a stroboscopic effect.

The wide range of suspension elements allows mounting on chains, ropes or pipe hangers. The rigidity of the structure is ensured by the material of the supporting rails with a length of 1.5 meters.



## Basic features

light source:	LED matrix modules NICHIA 3030 with efficiency 160lm/W
lifetime:	according to TM21: 50 000 hours
cooling system:	heat loss divided over a large area of robust steel construction
replaceable driver:	yes
replaceable light source:	yes
optical unit:	integrated microlenses on LED chips with PMMA/PC cover
ecology:	does not contain mercury or silicone
housing material:	strength steel
mounting:	surface mounted or suspended

## Technical parameters

operation temperature range:	-10 °C to + 45 °C
light output angle:	25° to 120° symmetrically, left or right asymmetry, double asymmetry
color temperature CCT:	3 000 K, 4 000 K or 5 700 K in a range of chromaticity ±2%
protection:	IP20 or IP44
power supply:	205 V to 254 V~, 50/60 Hz, PFC>0,95
flicker index:	0
flicker frequency:	<1% / 100Hz in the whole range
management:	(A) without management (B) 1-10 V / PWM (D) DALI
MTBF:	98 659 hod. of whole luminaire

## Standards

- RoHS, hazardous light complies with Directive ES and Council 2014/35/ES
- Resistance according to EN 60598-2015, EN 62493:2010, EN62471
- EMC: Directive 2004/108/EC – EN 55015:2013, EN 61000:2013, EN 61547:2009
- Does not emit light interference by ANSI C63.4 & 47



## Model specification

Models with light output angle 90°

Model	Power	CCT	Luminous flux	PFC	Dimensions (W x D x H)	Weight
iLine-30W	30 W	3000 K	3 840 lm	>0,95	1512 x 62 x 66 mm	3,5 kg
iLine-30T	30 W	4000 K	4 130 lm	>0,95	1512 x 62 x 66 mm	3,5 kg
iLine-48W	48 W	3000 K	5 960 lm	>0,95	1512 x 62 x 66 mm	3,6 kg
iLine-48T	48 W	4000 K	6 380 lm	>0,95	1512 x 62 x 66 mm	3,6 kg
iLine-66W	66 W	3000 K	8 080 lm	>0,95	1512 x 62 x 66 mm	3,6 kg
iLine-66T	66 W	4000 K	8 450 lm	>0,95	1512 x 62 x 66 mm	3,6 kg

Marking of models according to radiation angle:

S = 25°

N = 60°

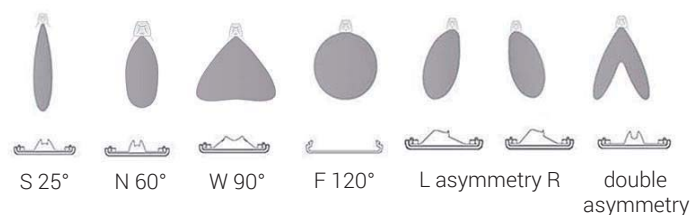
W = 90°

F = 120°

L = left asymmetry

R = right asymmetry

D = double asymmetry



termination rails  
cable entry terminal

