



- Visual comfortable and efficiency
Suspended Led Lighting
- System International patent (2008)
for total light emission by reflectors
- Visual Confort and Uniform lighting
without glare
 - Safety
- Autodimming or total light output
management
 - 120 000 hours
 - Running temperatures:
-20/+55 °C from 85 to 105W models
-20/+60 °C from 45 to 65W models
- Made 100% in Italy and western of
Europe
 - 5 Years warranty



*SuspenLed Titlis is a product developed
for suspended lighting applications.*

*By drawing on our expertise and know-how, we
have designed this luminaire to provide excellent
lighting performance and visual comfort: diffused
lighting without creating dark spots and hardly
any glare.*

*The external design and quadrangular
structure mean it sits well in a diversity of urban
surroundings, successfully lighting up the night
and blending into the background by day.*

*Designed to provide high energy savings, Suspen-
Led Titlis is a tangible, sustainable response to
local authorities' need to curb costs.*

ELECTRICAL SPECIFICATIONS

Voltage	220 ÷ 240 V ac
Frequency	50 - 60 Hz
Electrical safety class	Classe II
Power supply efficiency	90%

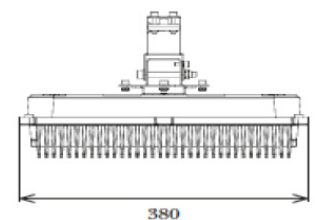
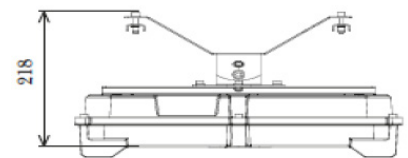
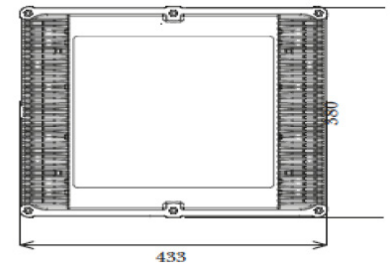
MECHANICAL FEATURES

Body	Die-cast aluminium EN 46100
Paint	Resistant to 1000 hours in salt spray
Glass	Tempered extra clear, 4-mm thick
External screws	A2 stainless steel
Total weight	9,5 kg
Ingress protection	IP 66
Impact resistance	IK08 - 5j
Wind exposed surface	0,162

OPTICAL FEATURES

Total reflection patent	1395290
LED	PHILIPS LUMILEDS LUXEON M (optics B)
Photobiological safety	Exempt group

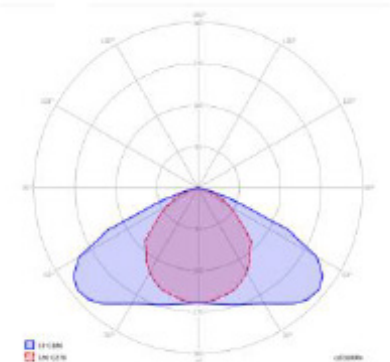
DIMENSIONS



units : mm

TYPE B OPTICS

Model	n.LED	Luminaire flux lm@3000k	LED flux lm@4000k	CRI	Power W	Efficacy lm/W mini
50 watt	20	3745	3900	70	44	88
70 watt	30	5615	5850	70	65	90
95 watt	40	7490	7800	70	87	90
120 watt	50	9360	9750	70	109	90



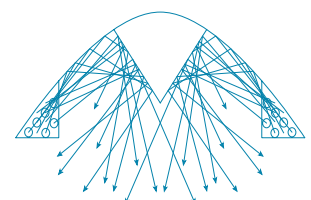
TYPE B

.ies files are available for Dialux simulation



INTERNATIONAL PATENT

The international total reflection involves the usage of reflector that captures and blends the light emission through the initial optical assembly and then uses a second assembly to cast it uniformly. Applied in its standard form above all for street lighting, it delivers visual comfort and uniform lighting, without creating dark spots or glare.



Licence No. ENEC-00660 for streetlighting

Rated Voltage / Frequency 220-240 V ~ 50-60 Hz

Insulation Class II

Degree of protection (IP) 66

Tested acc. to EN 60598-1:2008/A11:2009, EN 60598-1:2008, EN 60598-2-3:2003/A1:2011,
EN 60598-2-3:2003

The luminaire was additionally tested in accordance with the standard IEC/EN 62262:2002 (degrees of protection provided by enclosure for electrical equipment against external mechanical impacts, IK code).

Luminaire withstand the test for IK08 code

CE - Conformity Declaration

Series: SUSPENLED TITLIS

Are compliant with the following Directives:

- 2006/95/EC LV
- 2004/108/EC EMC
- 2009/125/EC ErP
- 2011/65/EU RoHS

And they are in compliance with the following standards:

- EN 60598-1: 2008 +A11:2009
- EN 60598-2-3: 2003 +A1:2011
- EN 55015: 2006 +A1:2007 +A2:2009
- EN 61547: 2009
- EN 61000-3-2: 2006 +A1:2009 +A2:2009
- EN 61000-3-3: 2008
- EN 62471: 2008
- EN 62493: 2010

