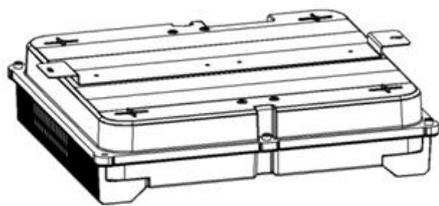
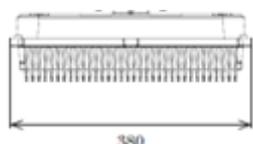
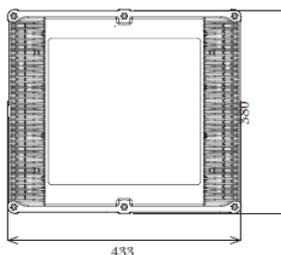


# TITLIS ceiling – Technical data sheet



## DIMENSIONS



Units : mm

## ELECTRICAL SPECIFICATIONS

<b>Voltage</b>	220 ÷ 240 V ac
<b>Frequency</b>	50 – 60 Hz
<b>Electrical safety class</b>	Classe II
<b>Power supply efficiency</b>	90%

## MECHANICAL FEATURES

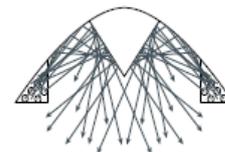
<b>Body</b>	Die-cast aluminium EN 46100
<b>Total weight</b>	9,5 kg
<b>Ingress protection</b>	IP 66
<b>Paint</b>	Resistant to 1000 hours in salt spray
<b>Glass</b>	Extra clear, 4-mm thick
<b>External screws</b>	A2 stainless steel
<b>Impact resistance</b>	IK08 – 5J
<b>Wind exposed surface</b>	0,162

## OPTICAL FEATURES

<b>Total reflection patent</b>	1395290
<b>LED</b>	PHILIPS LUMILEDS LUXEON TX
<b>Photobiological Safety</b>	Exempt group

## INTERNATIONAL PATENT

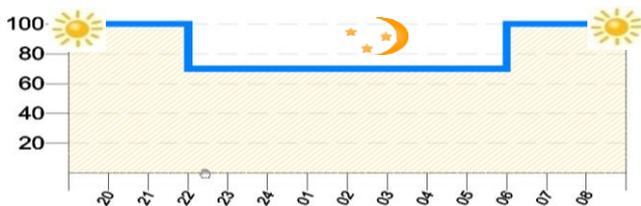
The **international total reflection** involves the usage of reflector that captures and blends the light emission through the initial optical assembly and then uses a second assembly to cast it uniformly. Applied in its standard form above all for street lighting, it delivers visual comfort and uniform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



## PROPRIETARY SURGE PROTECTOR

Arianna has studied a system able to protect the fixtures against overvoltage by inserting a proprietary device between the power supply and the LED modules. R&D laboratory have shown that the system is protected against overvoltage up to 4kVolt. The excellent operation of the LED and power supply protection implies a guarantee of security and continuity in the use of the system even in the event of over-voltage.

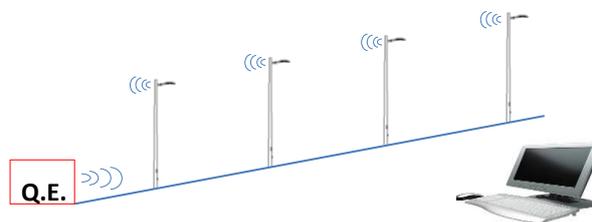
## AUTODIMMING DEVICE



TITLIS uses power supplies that apply a special algorithm to allow lumen output and power consumption to be reduced during the middle of the night. This reduction is applied in the middle of the operating period.

The technology employed also allows different adjustment profiles to be set so that energy saving can be adapted to suit lighting requirements.

## SMART CITY SYSTEM



TITLIS has been designed to be integrated in light output management system. Each fitting features a dimmable electronic driver that can interface with a module designed to control the drivers' power supply and, consequently, the intensity of the luminaire's light output. This system also allows the street light to be incorporated into a local communication network, making it part of a smart system for the provision of integrated public utility and security services.



IP66

IK08



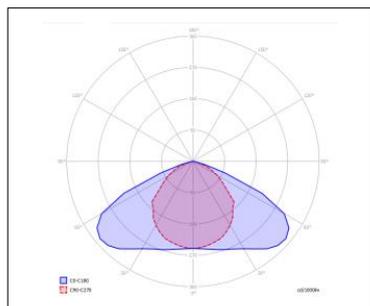
Visit [www.ariannaled.com](http://www.ariannaled.com) for the complete list of certified products.

Flux and power data are corresponding to typical values referring to ambient temperature (Ta) equal to 25°C or 77° F with a tolerance of ±10%.

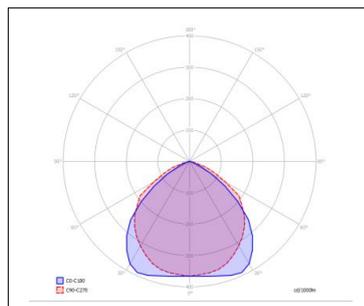
**Arianna spa** via dell'Industria 14 - 35020 Brugine (PD) t +39 049 7389920 f +39 049 7389924

[info@ariannaled.com](mailto:info@ariannaled.com)/[www.ariannaled.com](http://www.ariannaled.com) P.I. 04387780283 società soggetta ad attività di direzione e coordinamento di Carel S.p.A.

## LIGHTING DISTRIBUTION



TYPE B



TYPE C

### TYPE B OPTICS

Model	n.LED	Flux @ 4000K <i>lm</i>	CRI	Power <i>W</i>	Efficacy <i>lm/W</i>
45 watt	20	4412	70	45	98
65 watt	30	6601	70	67	99
85 watt	40	8780	70	88	100
105 watt	50	10948	70	110	100

### TYPE C OPTICS

Model	n.LED	Flux @ 3000K <i>lm</i>	Flux @ 4000K <i>lm</i>	CRI	Power <i>W</i>	Efficacy <i>lm/W</i>
45 watt	20		4573	70	45	102
		3859		80	45	86
			4199	80	45	93
65 watt	30		6843	70	67	102
		5775		80	67	86
			6284	80	67	94
85 watt	40		9103	70	88	103
		7682		80	88	87
			8358	80	88	95
105 watt	50		11352	70	110	103
		9579		80	110	87
			10423	80	110	95

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