

TITANIA SUPERIMPOSE

SPECIFICATION

ELABORATION
DATE
26/07/2012

VERSION 09

HL - ESP - P 5021

IMPLEMENTATION
DATE
22/04/2014

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Fig.1

General Properties

Linear Fluorescent Lamp T5 - T8 to superimpose in lightened badge or false ceiling.

(1X28W, 2X28W, 1X54W, 2X54W) T8 (1x32W, 2X32W) for LARGE version which are of lower energy consumption.

Available in two versions (LARGE - SHORT), being adaptable to different technical and esthetic requirements and thanks to its modular design that allows to carry out different settings in a determined place.

Made with quality materials certificated, of long duration and high resistance to the corrosion (useless).

It works with a bulb T5 (1x24W, 2X24W), T8 (1x17W, 2X17W) for SHORT version and T5

Technical Specifications

Index of protection offered against ingress solids and liquids

IP 40

Use

Internal

Total packing weight in Kg

5 Kg / 3Kg

Socket

G5 / G13

Maximum Power

**2 X 54
máx**

Installation Type

Superimpose

Distance to the target

1m

Transformer Type

Electronic Ballast

Bulb Type

T5 / T8

Uses & Applications

Stores, Malls, Offices, Showcases, Industrial Sector

Dimensions (mm)

Superimpose or Unhook

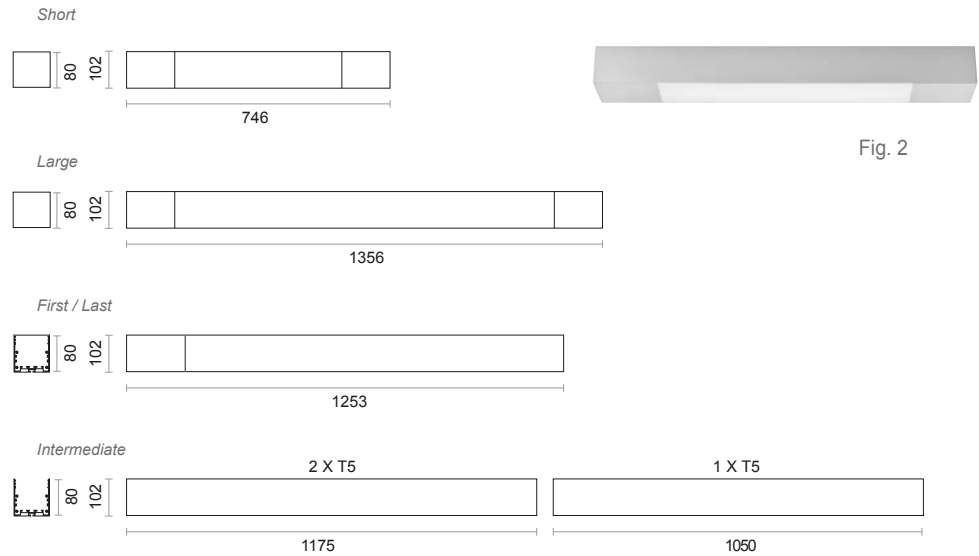


Fig. 2

Lighting Code

Colors Wh Bk Gy

<i>Short</i> Code	Item
2001968111	LAMP TITANIA SP. 1X24W CM WH
2001968112	LAMP TITANIA SP. 2X24W CM GY
2001968113	LAMP TITANIA SP. 1X17W CM WH
2001968114	LAMP TITANIA SP. 2X17W CM GY

<i>Large</i> Code	Item
2001968119	TITANIA LAMP SP. 1X54W CM WH
2001968120	TITANIA LAMP SP. 2X54W CM GY
2001968121	TITANIA LAMP SP. 1X32W CM WH
2001968122	TITANIA LAMP SP. 2X32W CM GY
2001968184	TITANIA LAMP SP. 1X28W CM GY
2001968210	TITANIA LAMP SP. 1X28 BK CM
2001968358	TITANIA LAMP SP. 1X28W CM WH
2001968178	TITANIA LAMP SP. 2X28W CM GY
2001968276	TITANIA LAMP SP. 2X28W CM BK
2001968326	TITANIA LAMP SP. 2X28W CM WH

Table 1

<i>Grating</i> Code	Item
2001968488	TITANIA LAMP SP. 1X28W WITH GRATING CM BWH
2001968512	TITANIA LAMP SP. 1X28W WITH GRATING CM GY
2001968536	TITANIA LAMP SP. 1X28W WITH GRATING CM BL

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2001968490	TITANIA LAMP SP. 1X54W WITH GRATING CM WH
2001968514	TITANIA LAMP SP. 1X54W WITH GRATING CM GR
2001968538	TITANIA LAMP SP. 1X54W WITH GRATING CM BK
2001968489	TITANIA LAMP SP. 2X28W WITH GRATING CM WH
2001968513	TITANIA LAMP SP. 2X28W WITH GRATING CM GY
2001968537	TITANIA LAMP SP. 2X28W WITH GRATING CM BK
2001968491	TITANIA LAMP SP. 2X54W WITH GRATING CM WH
2001968515	TITANIA LAMP SP. 2X54W WITH GRATING CM GY
2001968539	TITANIA LAMP SP. 2X54W WITH GRATING CM BK

Table 2

Code	Item
2001848251	UNION CUBE L TITANIA LAMP SP GY
2001848252	UNION CUBE L TITANIA LAMP SP WH
2001848253	UNION CUBE L TITANIA LAMP SP BK
2001848254	UNION CUBE T TITANIA LAMP SP GY
2001848255	UNION CUBE T TITANIA LAMP SP WH
2001848256	UNION CUBE T TITANIA LAMP SP BK
2001848236	UNION CUBE X TITANIA LAMP SP WH
2001848238	UNION CUBE X TITANIA LAMP SP BK
2001848236	UNION CUBE X TITANIA LAMPSP WH



Fig.3

Table 3

Manufacturing Characteristics

Chassis:

Made in aluminum extruded sheet, side and top covers made in injected aluminum.

Finished:

Electrostatic paint, polyester 100% TGCI free, for colors gray, white and black with excellent resistance to the ultraviolet rays and climatic changes; stability color to the temperature with continuous expositions even 125°C.

High resistance to the open air without causes of cracks, with less variation of light before of 12 months of constant exposition, resistant to the impact of 80kg.cm, it passes the test of crammed bigger than 8mm. In wet camera, overcome 1000 hour without losing light.

Reflector:

Reflector in aluminum 99.5% of purity, 1mm of thickness, electro polished and anodized finished ALZAK type, which prolong double its useful life comparing with the vacuum metallizing. Reflector designed and calculated for a maximum lighting performance.

Diffuser:

Extruded profile PMMA - (POLYMETHYLMETHACRYLATE) with a good dimensional stability to the heat (100°C) with flammability grade HB, fire resistance B2. This material is highly resistant to the ageing and the open air. Excellent light transmission and good scratch resistance.

Grating:

Structure in specular aluminum.

Socket:

Body in polycarbonate with copper alloy contacts beryllium. T5/T8 / 2A - 250V.

Screws:

Screws inside and outside galvanized.

Electrical Equipment

BULB:

OSRAM TUBE FL T5 FQ 24W 827/830/835/840/860.
Estimated useful life 10.000 hours.
IRC classifies until 89%.

OSRAM TUBE FL T5 FQ 28W 830/840/865.
Estimated useful life 10.000 hours.
IRC classifies until 89%.

OSRAM TUBE FL T5 FQ54W 830/840/865.
Estimated useful life 10.000 hours.
IRC classifies until 89%.

NARVA TUBO FL T5 FQ 24W
Estimated useful life 10.000 hours.
IRC classifies until 89%.

OSRAM TUBE FL T8 FO17W/835/841
Estimated useful life 10.000 hours.
IRC classifies until 89%.

NARVA TUBO FL T8 17W 640/660/735/750/760/830/841/860/960
Estimated useful life 10.000 hours.
IRC classifies until 89%.

BALLAST : Ballast OSRAM QUICKTRONIC QTP2X32W T8/UNIV electronic, high power factor 120V.....277V harmonic distortion < 10%

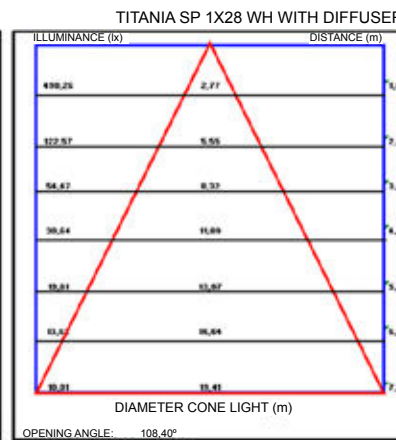
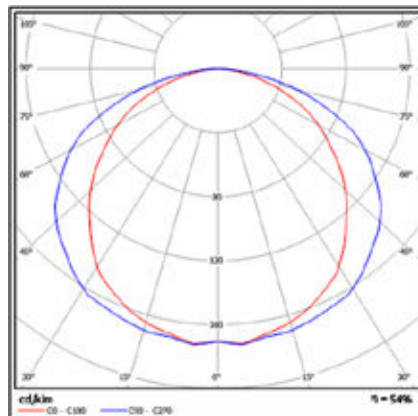
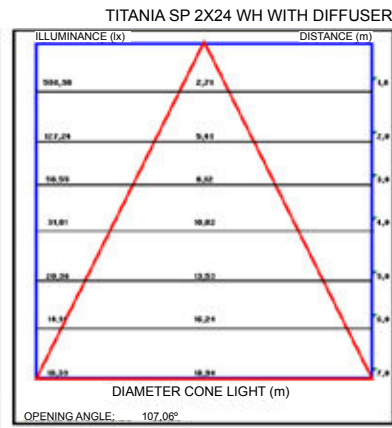
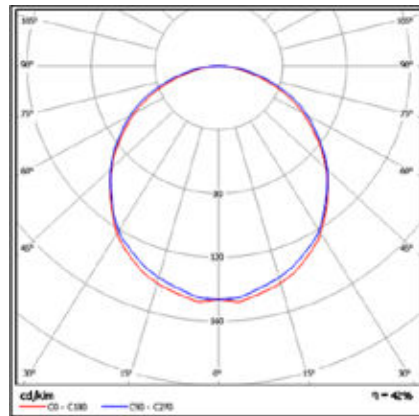
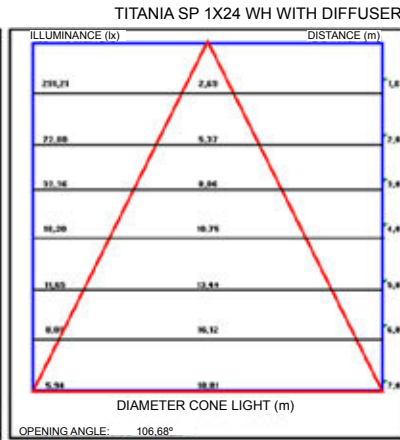
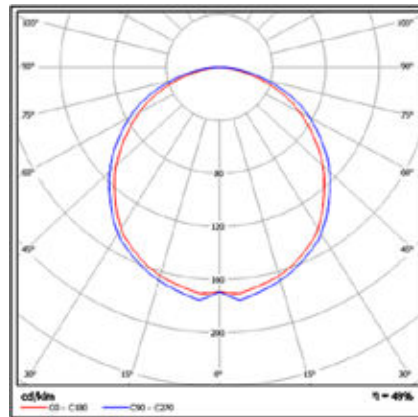
Ballast OSR FL T5 2X24/39W 120-277V electronic, high power factor
Harmonic distortion <10%

Ballast VSS T5 2X54W 120-277V
Electronic, high power factor

Ballast PHILIPS ADVANCE T8 2X32W 120-277V Electronico, high power factor.

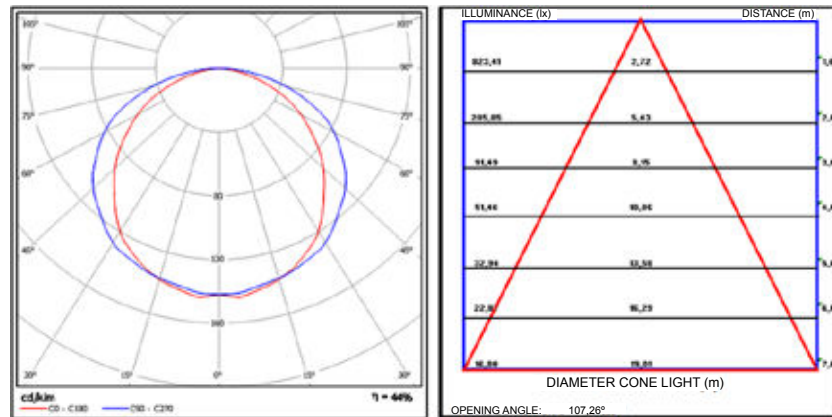
Ballast PHILIPS ADVANCE T5 2X54W 120-277V
Electronic, high power factor.

Photometric Curve

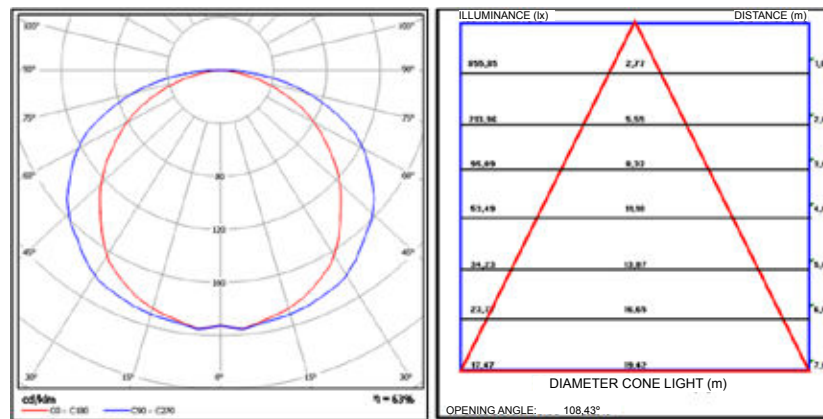


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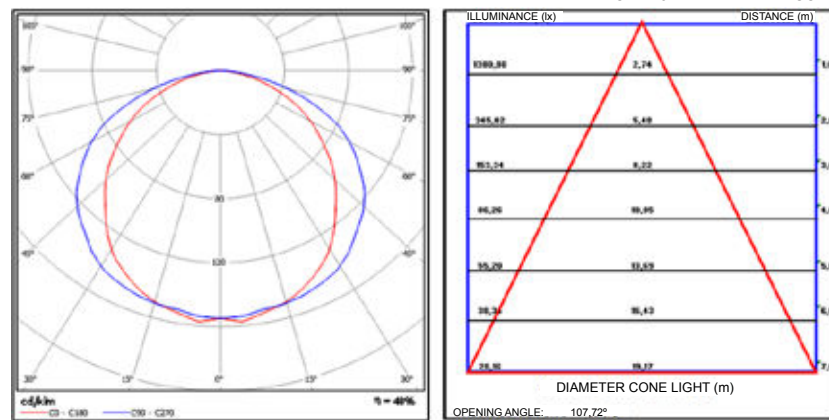
TITANIA SP 2X28 WH WITH DIFFUSER



TITANIA SP 1X54 WH WITH DIFFUSER



TITANIA SP 2X54 WH WITH DIFFUSER



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