



PENDANT & SUSPENSIONS
LUMINAIRES



advanced systems



ORBITO
TECHNICAL SPECIFICATION DATA

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ORBITO 5

monochromatic - DALI-dimmable

IP20



Product Purpose & Meaning

- Orbito 5 is a useful minimalist pendant suspension with 5 spotlights which can provide multiple impact lighting.
- Orbito is derived from the English "Orbital" and is aptly named due to its ring form.

Product Summary

- Futuristic orbital pendant with adjustable led spotlights.
- High Output 32W LED 2000lm in fixed medium 34°.
- Metal Halide option 35W/70W CDM-T in 24°, 34° & 44° beam.
- Integral Gear.

Applications

- Ideal for showrooms and retail.
- Reception areas & desk.
- Display & exhibitions.

LED Performance

Lamp Type	LED: 19W/20W & 29W/32W PowerLEDs
LED Qty	Multiple Overlaid
Lamp Source	LED : Philips Fortimo SLM Series
Lumen Output	LED : 1,500lms/2000lms – 20W / 32W
Lamp CRI	LED > 80
LED Life	LED : 50,000hrs [IEC electronic default]
Optic Beams	Medium 32° (Half Peak Brightness)
LED Colours	Monochromatic Whites
Working T°C	- 30°C / +85°C

CDM-T Performance

Lamp Type	Metal Halide : 35W / 70W CDM-T
Lumen Output	Metal Halide : 35W - 3,300lms 70W - 6,600lms
Lamp CRI	> 80
LED Life	Metal Halide : 12,000hrs
Colours	Metal Halide : 3000K / 4200K

Electrical Data

Voltage	230Vac mains
Load Watts	LED 19W-32W / CDM-T 35W-70W
Cable Terminal	Yes
Gear	Integral
Configuration	Mains Power
Dimming	LED Fortimo only
Data Protocol(s)	DALI Touch

Description

An advanced futuristic design in a skeletal minimalist orbital frame with 5 adjustable led spotlights using up to 2000lm high output superior commercial grade Philips "Fortimo SLM" series LED for ultimate confidence. Available in optional 3000K or 4000K White LED's with highly polished performance medium beam 34° reflector. Full photometrics and calibrated heat sink for reliability. Metal Halide option up to 70W option in the spotlights available in 24°, 34° & 44° beam angles. Ideal for high quality down spot lighting of energy efficient areas. Integrated gear. Suspension by discreet modern fine-wire cable with variable drop height. [1.0metre standard- other lengths optional]. Optional dimmability with digital DALI Touch.

Construction & Finishes

Housing of steel & aluminium.
Finish in painted aluminium.
Custom RAL options available on request.

Main Features

- 24° - 44° medium beams
- White options - 3000K to 5500K
- Integrated gear
- Metal Halide options

Mounting

- Screw plate - standard wire suspensions to 1.0 metre
- 3 Core Connectors Live & Neutral power feeds. - with functional Earth

Connection Diagram A

- Connection is for standard main voltage.
- See Connection Diagram A - Page 324.

Standard Colours

- Warm White - 3000K - CRI > 80%
- Neutral White - 4000K - CRI > 80%

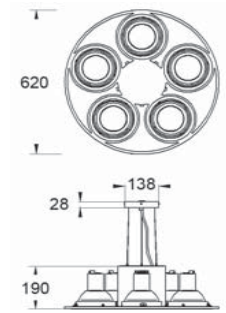
- Energy Saving Technology
- Green Energy Technology
- LED
- CDM-T Lamp Type Technology
- 32W
- 70W Wattage - Unit LED - dimmable
- 230V Voltage - mains supply only
- Gear Driver / Gear Integral
- 69
- 94 Lumens / Watt values - LED / CDM-T
- >80 icon"/> >80 CRI - Index value - Warm White
- IP20 IP Rating Exterior Use
- Insulation Class 3 - SELV
- 0.8Kg Product Weight Kilograms/unit
- ENEC compliance
- CE mark
- F - mark fire safe rating
- Environmental Technology

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LED

option



Product Order Codes

LED Version

Version in LED up to 32W with 34° beam reflector.

	ORB.520	CRI >80 - Warm	LED - 3000K	5 x 20W	1500lm	Optic - 34°
	ORB.519	CRI >80 - Neutral	LED - 4000K	5 x 19W	1500lm	Optic - 34°
	ORB.532	CRI >80 - Warm	LED - 3000K	5 x 32W	2000lm	Optic - 34°
	ORB.529	CRI >80 - Neutral	LED - 4000K	5 x 29W	2000lm	Optic - 34°

32W : LOR= 80.6% 34°

POST-FIX CODES For dimming DALI versions - please add post-fix " - DALI"

CDM-T Version

Version in Metal Halide CDM-T up to 70W with beam reflectors in 24°, 34° or 44°

	ORB.535	CRI >84 - CDM-TC	White 3000/4200K	5 x 35W	3000lm	Optic - 34°
	ORB.570	CRI >84 - CDM-TC	White 3000/4200K	5 x 70W	6600lm	Optic - 34°

35W : LOR= 65% 24°

35W : LOR= 59% 34°

35W : LOR= 60% 44°

POST-FIX CODES

CDM beam angle default is 34°, for other angles - please add post-fix "-24°" or "-44°" respectively.
important note: beam angles and lumen outputs are approximate and guide only, please refer to full photometric data, lamp manufacturers data our consult or technical dept.

LED option

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retail & leisure

PENDANT AMBIENT - T5

T5 - 2x24W+ Page 75



CAMEO SQUARE

T5 - 2+2x54/39W Page 75



CAMEO

T5 - 2+2x54/39W Page 74



SEGMENTO

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HOTEL LOBBY RECEPTION

PENDANT SUSPENSION

T5 - 2x80W Page 83



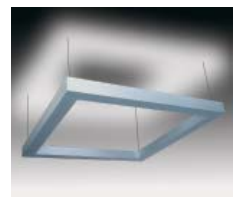
CLASSIC frame - prismatic

T5 - 6x54W Page 83



CLASSICA frame - opal

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ELEGANTA frame - indirect

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ELEGANTA frame - direct

TC-L - 4x55W Page 87



QUADINI

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CONFERENCE HALLS

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COMMERCIAL OFFICES

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CORRIDORS

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CONTEMPORARY

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XPEDIA

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ATRIA

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STAIRWELLS

LINEAR

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XICATA - ROTATOR 2

T5 - 2x54W Page 103



AMBIENTALE

LED - 20W/m

LED

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VELA PUNTI

LED / CDM-T

option LED

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RETAIL SHOWROOMS

SPOTS

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PUNTO VENDI series

LED / CDM-T

LED option

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PUNTO VENDI series

LED / CDM-T

LED option

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PUNTO VENDI series

LED / CDM-T

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SALUTO

LED / CDM-T

LED option

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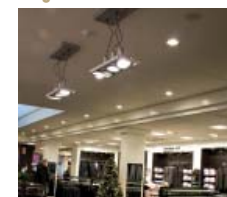


QUADINI - SPOTS

T5 - 4x24W

LED option

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RETAIL MERCHANDISE

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RECEPTION AREAS

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SHOPPING MALLS