



PENDANT & SUSPENSIONS
LUMINAIR ES

advanced systems



AMBIENTALE
TECHNICAL SPECIFICATION DATA

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AMBIENTALE LED
monochromatic & RGB - circuit dimmable

IP67



Product Purpose & Meaning

- The Ambientale LED suspended luminaire is characterised by its wide 350° ambient diffuse light.
- "Ambientale" in translation is Italian for ambient.
- The linear micro-prism control gives a superior soft ambience and even diffusion of the light that is welcome in many designs & applications.

Product Summary

- IP65 power-tube with high output SMD LED's.
- Patented "Uni-Pro" Coex PMMA linear micro-prismatic diffuser system gives glare-free high output uniform light.
- Comfort light with 350° light ideal for Office LG7 or Class room.
- Dimmable for use with remote PSU.

Applications

- Offices, Class rooms & large open areas.
- Receptions, Linear desking systems & Corridors.
- RGB Colour change adornment of spaces.

Performance

Lamp Type 1.2W PowerLED [RGB -0.3W SMD].
 LED Qty 20 LED's [RGB - 40 LED's] per metre
 Lamp Source CREE XP.
 Lumen Output 110lms - White 5500K.
 Lamp CRI 93 - White 3000K / 4000K.
 LED Life 50,000hrs [CIE electronic parts default].
 Optic Beams Wide diffuse - 350° distribution.
 LED Colours Monochromatic Whites & RGB Tri-chip.
 Working T°C - 30°C / +85°C.

Electrical Data

Voltage 24Vdc
 Load Watts 30W per metre [RGB - 12W/metre]
 Load Current 350mA
 Supply Cable 0.5M FROR 3 x 0.5mm² [RGB 5 x 0.5mm²]
 Remote Gear 24Vdc Power Supply Unit [PSU].
 Configuration CV [Constant Voltage]
 Dimming Via a supplied 3rd dimming cable Interface required.
 Data Protocol(s) Dimming Via:-
 Push-button [switch]
 0-10V analogue
 DMX or DALI

Description

A tubular suspended [or surface mounted] SMD LED luminaire using "uni-pro" patented coex pmma diffuser for special uniform glare-free high output ideally suited for all round light emission. Linear luminaire supplied in standard lengths of 1020, 2020 and 3020mm. Fitting in 110mm diameter with satin opal diffuse finish. Ideal for sustainable energy-efficient general office illumination and open spaces where indirect ceiling lighting needs to contribute to the spatial requirement, such as with LG7 - office, classroom, meeting rooms, reception areas or retail zones.

Construction & Finishes

Extrusion in Coex PMMA - "Uni-Pro". Finished in opal. Mounted on suspension wires and/or surface brackets.

Main Features

- Tubular comfort lighting.
- 350° light emission.
- Remote PSU for direct 24V supply.
- IP65 suitable for outdoor undercanopy applications.

Mounting

- Fine wire suspension - 1.0 metre as standard.
- Supplied with 500mm length of HO5RNF 3-core 0.5mm² cable.

Connection Diagram H, I, J or K

- Connection is for bulk remote 24Vdc Power Supply [PSU].
- Accessories for quick-connect individual remote 24Vdc PSU pack luminaire or 230V ceiling mount plate is offered.
- See Connection Diagram H, I, J or K - Page 328 - 329.
- See 24Vdc PSU's - Page 330 - 332.

Standard Colours

- Warm White - 3000K - CRI = 93%
- Neutral White - 4000K - CRI = 93%
- Cool White - 5500K - CRI = 80%
- RGB Colour Change

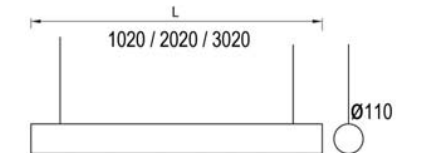


units for DMX 512 Blending.
 LED Colour Consistency :
 1 MacAdam Ellipse - 100K

- Energy Saving Technology
- Green Energy Technology
- LED Lamp Type Technology
- 30W Wattage - Unit dimmable
- 24V Voltage dc - direct current only
- PSU Remote
- 100 Lumens / Watt value - Cool White
- 93% CRI - Index value - Warm White
- IP65 IP Rating Interior Use
- Insulation Class 3 - SELV
- 2kg Product Weight Kilograms/per metre
- ENEC compliance
- CE mark
- F - mark fire safe rating
- Environmental Technology

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LED 24V REMOTE OR 230V CEILING PLATE
option



Product Order Codes



Luminaire Length - 1.02 metre

Suspended cylindrical luminaire to 102cm with advanced techno-prismatic c/w 20 x 1.2W PowerLED in monochromatic whites [RGB 40 x 0.3W SMD Signal LED's] c/w micro-matt abs screen and distribution to 45°. Remote 24Vdc supplied PSU or via 230V ceiling plate accessories shown below.

Code	CRI	Temp	White	Power	Length	Width
AMB.13	93	-Warm	White 3000K	24W	L = 1metre	Wide 350°
AMB.14	93	-Int.	White 4000K	24W	L = 1metre	Wide 350°
AMB.15	80	-Cool	White 5500K	24W	L = 1metre	Wide 350°
AMB.1RGB	DMX 512		RGB - 0.3W SMD	12W	L = 1metre	Wide 350°

length 1m

m	Ø-m	3000K-4000K	5500K
0.5		220	256
1		133	148
2		65	77
3		41	52

lamp data by request

Luminaire Length - 2.02 metre

Suspended cylindrical luminaire to 202cm with advanced techno-prismatic c/w 40 x 1.2W PowerLED in monochromatic whites [RGB 80 x 0.3W SMD Signal LED's] c/w micro-matt abs screen and distribution to 45°. Remote 24Vdc supplied PSU or via 230V ceiling plate accessories shown below.

Code	CRI	Temp	White	Power	Length	Width
AMB.23	93	-Warm	White 3000K	48W	L = 2metre	Wide 350°
AMB.24	93	-Int.	White 4000K	48W	L = 2metre	Wide 350°
AMB.25	80	-Cool	White 5500K	48W	L = 2metre	Wide 350°
AMB.2RGB	DMX 512		RGB - 0.3W SMD	24W	L = 2metre	Wide 350°

length 2m

m	Ø-m	3000K-4000K	5500K
0.5		430	522
1		155	295
2		131	154
3		83	99

lamp data by request

Luminaire Length - 3.02 metre

Suspended cylindrical luminaire to 302cm with advanced techno-prismatic c/w 60 x 1.2W PowerLED in monochromatic whites [RGB 120 x 0.3W SMD Signal LED's] c/w micro-matt abs screen and distribution to 45°. Remote 24Vdc supplied PSU or via 230V ceiling plate accessories shown below.

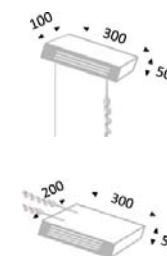
Code	CRI	Temp	White	Power	Length	Width
AMB.33	93	-Warm	White 3000K	72W	L = 3metre	Wide 350°
AMB.34	93	-Int.	White 4000K	72W	L = 3metre	Wide 350°
AMB.35	80	-Cool	White 5500K	72W	L = 3metre	Wide 350°
AMB.3RGB	DMX 512		RGB - 0.3W SMD	36W	L = 3metre	Wide 350°

length 3m

m	Ø-m	3000K-4000K	5500K
0.5		670	755
1		254	610
2		133	210
3		85	142

lamp data by request

Accessories



230V Ceiling Plate

A ceiling plate housing c/w integral individual correct rated 24V PSU for 230V connection. Designed as a matt white rectangular housing to take the wire suspension and gear.

Code	Plate	For	Color	PSU
AMB.CP60	Ceiling Plate 230V	For 1 .0M & 2.0M	Mono White	24V PSU 60Va
AMB.CP100	Ceiling Plate 230V	For 3.0M	Mono White	24V PSU 100Va
AMB.CPRGB	Ceiling Plate 230V	Housing c/w	24Vdc PSU 60Va	c/w DMX Interface

Pre-Connected Remote Boxed Gear [individual]

A Remote 24V PSU Box for quick connect housing c/w integral individual gear for 230V connection. Designed for hiding in close proximity of ceiling voids. One per individual fitting.

Code	Box	For	Color	PSU
AMB.RB60	Remote Box 230V	For 1 .0M & 2.0M	Mono White	24V PSU 60Va
AMB.RB100	Remote Box 230V	For 3.0M	Mono White	24V PSU 100Va
AMB.RBRGB	Remote Box 230V	For all RGB	c/w DMX Interface	24Vdc PSU 60Va

PENDANT SUSPENSION LUMINAIRES

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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



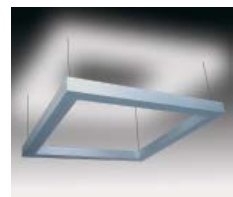
CLASSIC frame - prismatic

T5 - 6x54W Page 83



CLASSICA frame - opal

T5 - 4x54W Page 79



ELEGANTA frame - indirect

T5 - 4x54W Page 79



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

T5 - 3x24W

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ATRIA

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STAIRWELLS

LINEAR

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XICATA - ROTATOR 2

T5 - 2x54W

Page 103 LED - 20W/m



AMBIENTALE

Page 93 LED / CDM-T option LED



VELA PUNTI

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RETAIL SHOWROOMS

SPOTS

Page 96 LED / CDM-T



PUNTO VENDI series

Page 97 LED / CDM-T



PUNTO VENDI series

Page 97 LED / CDM-T



PUNTO VENDI series

Page 99 LED / CDM-T



SALUTO

Page 101 LED / CDM-T



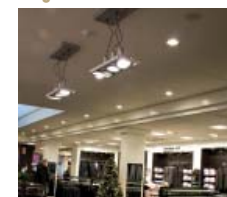
ORBITO 5

Page 87 T5 - 4x24W



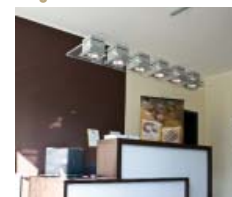
QUADINI - SPOTS

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RETAIL MERCHANDISE

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RECEPTION AREAS

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SHOPPING MALLS