ENZO

SUSPENDED | PI-LED SERIES

ENZO realistically simulates all the facets of sunlight in the course of a day without undesirable UV or infrared radiation – an exceptional light quality which cannot be achieved with conventional lighting.

PI-LED - Combines variable white light and light of the RGB color system in one single light source. It can vary the color temperature between 2700K - 6500K along Planckian curve in the course of a day.

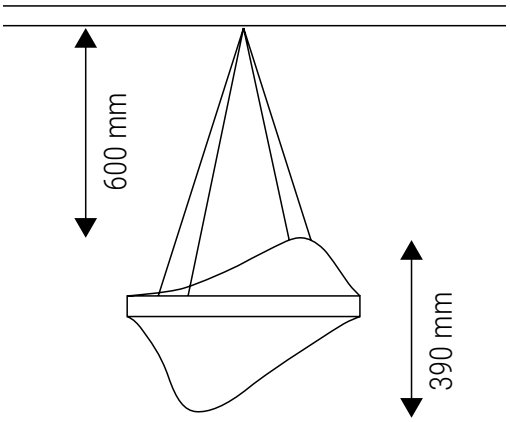
• ENZO PI-LED: simulates the spectral quality of natural daylight over the entire day.

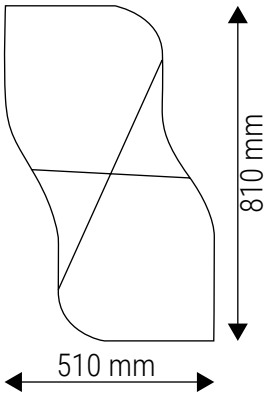
FEATURES & BENEFITS

- CRI 90 as standard
- Color temperature: PI-LED
- Luminaire efficiency: 53 lm/W
- Long rated life: L80/B10@50,000h
- Dimmable

APPLICATION

Office | Healthcare | Retail I Art & Exhibitions





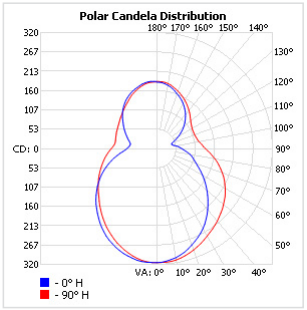
SPECIFICATIONS

Power consumption	72W
Dimensions	810 x 510 x 390 ± 1mm
Weight	7 Kg
Housing materials	Aluminum & Polycarbonate
IK code	IK02
THD (at 230V, 50Hz, Full load)	<5%
Protection class	Safety class 1
Operating temperature [˚C]	+10°C ... +45°C / +50F ... +113F
Operating humidity [%]	10 ÷ 85
Power factor	≥0.92
AC Input [Vac]	220 - 240 VAC
Lens angle [˚]	Asymmetric
Lifespan [h]	50,000
Housing color	○ White RAL 9003
Lumen maintenance	L80/B10@50.000h at 25°C
IP factor	IP20
Control optional	DALI
Warranty [years]	5
Storage temperature range [°C]	-10°C ... +55°C / +14F ... +131F
Emergency option	-
Max suspension length	1.5m (with 0.9mm single cord suspension)

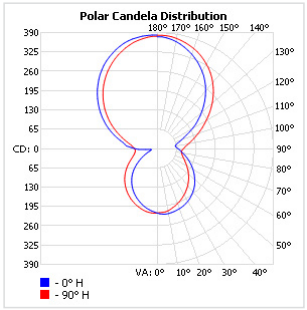
Light application	Standard
CRI	CRI 90
CCT [K]	PI
MacAdam	1

CRI - Color rendering, CCT - Color temperature, MacAdam - Color consistency

LIGHT DISTRIBUTION



3000K Direct



3000K Indirect

TOLERANCES

Luminous flux tolerances: -/+ 5%

Consumption tolerance: -/+ 5% for **Non-DALI** | -/+ 10% for **Non-DALI & KIT EM** | -/+ 10% for **DALI** | -/+ 15% for **DALI & KIT EM**

BATTERY WARRANTY

Non-DALI EM & DALI EM: 12 months warranty

Non-DALI & DALI: -

MAXIMUM NO. OF LUMINAIRES ON A CIRCUIT

Luminaire Power [W]	Control type	Circuit Breaker Type					
		B			C		
		20	16	10	20	16	10
<50W	Non-DALI	38	30	19	62	51	31
≥ 50W	Non-DALI	38	30	19	62	51	31
<80W	DALI	27	21	13	45	35	21

RISK GROUP

Standard (CRI80)	RG1
FOOD (BVF, FBS, FSM)	RG1
FOOD ≤35W (FZM, FSH)	RG1
FOOD >35W (FZM, FSH)	RG2
FAS	RG1
AMB2200	RG1
ART	RG1
AGI	RG1
CRI90	RG1
CRI95	RG1
ENT	RG1

RG1

The evaluation of photobiological safety is carried out according to the standard IEC 62471:2008 ("Photobiological safety of lamps and lamp systems"). Following the definition of the risk grouping system of the mentioned IEC standard, the LEDs mounted on this family fall into the class "Low Risk (RG1 – No photobiological hazard under normal behavioral limitations)". Under real circumstances (regarding exposure time, pupils, observation distance), it is assumed that there is no endangerment to the eye from these devices. As a matter of principle, however, it should be mentioned that intense light sources have a high secondary exposure potential due to their blinding effect.

RG2

The evaluation of photobiological safety is carried out according to the standard IEC 62471:2008 ("Photobiological safety of lamps and lamp systems"). Following the definition of the risk grouping system of the mentioned IEC standard, the LEDs mounted on this family fall into the class "Moderate Risk (RG2)". Under real circumstances (regarding exposure time, pupils, observation distance), it is assumed that there is no endangerment to the eye from these devices. As a matter of principle, however, it should be mentioned that intense light sources have a high secondary exposure potential due to their blinding effect.

SKU SPECIFICATIONS

Product Code	Dimensions (mm)	CCT (K)	Lumens (lm)	Power (W)	Eff. (lm/watt)	Lens Angle (°)
CRI 90						
2A1000 Enzo 810/PI/72W/90/W	810 x 510 x 390 ± 1mm	PI	3800	72W	53	Asymmetric