



MELANTHIA LED

AMBIANCE LIGHTING PRODUCT RANGE - RESIDENTIAL



TECHNICAL CHARACTERISTICS

Weight (lbs)	28.6
EPA (ft²)	0.65
Protection index	
Optical unit	IP 66
Electrical compartment	IP 54
Shock resistance	IK 10
Materials:	
Body	Injected cast aluminium
LED plate	Die-cast aluminium

ELECTRICAL CHARACTERISTICS

- Integrated driver
- Electrical class : class II
- Nominal voltage : 230V - 50Hz
- Varistor (protection against high voltages)
- Optional lighting management systems: automatic time-related lowering of intensity with up to 5 levels, presence detection, constant flux, graduation by means of voltage variation, 1-10V or DALI control.

All information is subject to change without notice

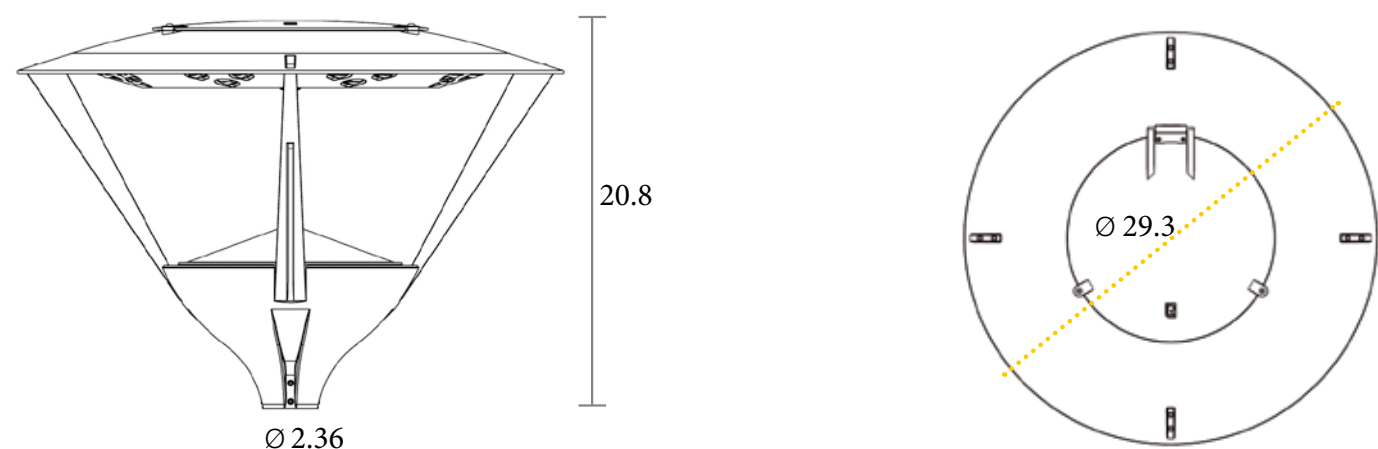
LIGHTING DISTRIBUTIONS

- Type I
- Type V

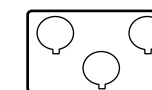


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DIMENSIONS (in)



3 LED MODULE



We selected LEDs among the best on the market for their quality and efficiency.



- LED manufacturer: NICHIA
- LED life cycle: 80 000 hours at 70% @ 700 mA
- Color temperature: 3500K or 4500K (other color temperatures on request)
- Development by VS optoelectronic (PANASONIC group)
- CRI above 75
- Protection index: IP 66
- Thermally self-managed module

POWER AND LUMINOUS INTENSITIES - LUMINAIRE OUTPUT DATA

Number of LED	175 mA			350 mA			500 mA			700 mA		
	P _t (W)	Φ (lm)	(lm/W)	P _t (W)	Φ (lm)	(lm/W)	P _t (W)	Φ (lm)	(lm/W)	P _t (W)	Φ (lm)	(lm/W)
12	7	640	91.43	15	1280	85.33	21	1680	80.00	30	2240	74.67
24	14	1280	91.43	29	2560	88.28	41	3360	81.95	57	4480	78.60

P_t (W) = Total power consumption including driver consumption • Φ Nominal flux (lm) • Luminous efficiency (lm/W)

ORDERING INFORMATION

Model	Module	# LED	CCT (K)	Drive Current	Line Voltage	Mounting	Fixture Color
MELANTHIA	Module 3LED	4	3500	175 mA	120 V	Pole Top	Black
		8	4500	350 mA	220 V	Wall Mount	Bronze
				500 mA	277 V	Lateral	Silver
				700 mA	347 V		White
					480 V		RAL #
					UNV		





EXAMPLES OF ENSEMBLES



MELANTHIA LED

A - AGLIEE
Wall mounted

B - CADENCE
Wall mounted

C - Tubular 450

D - cc 500

E - ATILIS
cc 400

F - AGLIEE
cc 400

G - CADENCE
cc 400



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