



## MELANTHIA LED

URBAN AMBIANCE- RESIDENTIAL

### TECHNICAL CHARACTERISTICS

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

### ELECTRICAL CHARACTERISTICS

- Integrated driver
- Electrical class : class II
- Nominal voltage : 120-277V , 347-480V 50/60 Hz
- 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.

### LIGHTING DISTRIBUTIONS

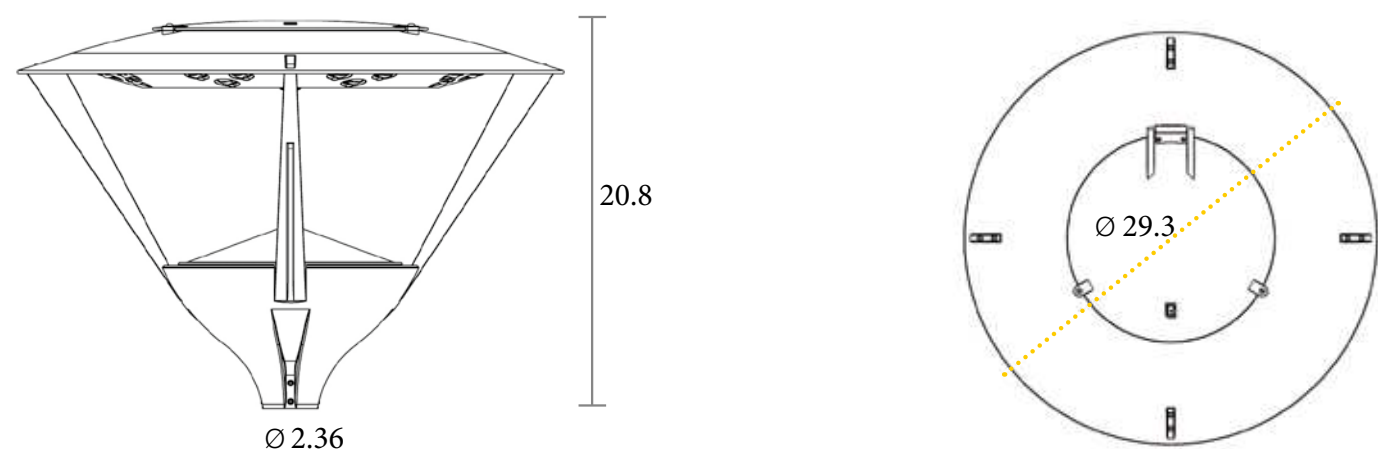
- Type I
- Type V



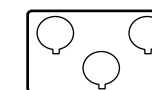


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DIMENSIONS (in)



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 <sub>t</sub> (W)	Φ (lm)	(lm/W)	P <sub>t</sub> (W)	Φ (lm)	(lm/W)	P <sub>t</sub> (W)	Φ (lm)	(lm/W)	P <sub>t</sub> (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<sub>t</sub> (W) = Total power consumption including driver consumption • Φ Nominal flux (lm) • Luminous efficiency (lm/W)

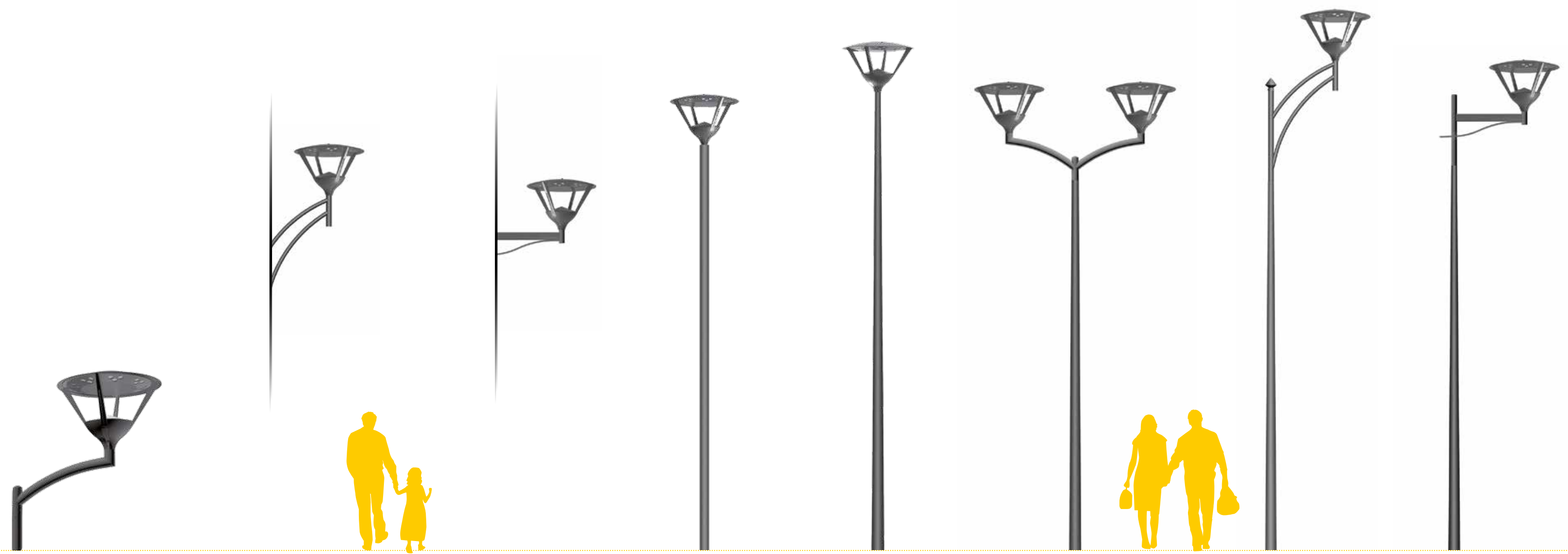
ORDERING INFORMATION

Model	# LED	CCT (K)	Drive Current	Line Voltage	Mounting	Fixture Color
MELANTHIA	12	3 - (3500K)	17 - (175mA)	1 - (120-277)	PT - (Pole Top)	BLK - (Black)
	24	4 - (4500K)	35 - (350mA)	3 - (347-480)		BRZ - (Bronze)
			50 - (500mA)			SLV - (Silver)
			70 - (700mA)			WHT - (White)
			RAL #			





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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