PIANO MAXI

Protector	Flat, Glass Extra Clear, Smooth, Lum. shape-related, Plastic, White
Source	88 Cree XP-G2

Characteristics

Length (mm)	Width (mm)	Height (mm)	Weight (kg)	Tightness level*	Impact resistance*	Electrical class*	CxS (m²)
989	295	92	14.5	IP 66 LEDSafe	IK 08	I EU, II EU	0.105

** According to IEC-EN60598 and IEC-EN62262*

Features

The ideal instrument for lighting streets, public places, parks and optimising the creation of ambiance

- Range of luminaires for various urban applications
- LensoFlex®2 : high-performance photometry adapted to various applications
- Maximum energy saving
- Designed to incorporate Owlet control and sensor solutions
- Aesthetic design and high-quality finishing
- FutureProof : smart upgradability
- ThermiX® for long lasting performance
- Surge protection 10kV

Types of application

- Squares and pedestrian areas
- Bridges
- Parks
- Large areas
- Roundabouts
- Pedestrian crossings
- Car parks
- Roads and highways
- Residential streets
- Bike paths
- Urban roads and streets

Information for 1000 lm matrix

Efficacy (%)	85.0	**G Class (EN 13201-2)**	G2	**Aperture 90-270°**	60 - 50
ULOR (%)	0.0	**G* (EN 13201 2015)**	G*2	**I 70-80-90-95 (cd)**	279 - 111 - X - X
DLOR (%)	85.0	**Imax (cd)**	288		
UWLR (%)	0.0	**Aperture 0-180°**	77 - 77		

Photometrical characteristics

LED count	Colour code	Colour name	CCT	CRI	Current (mA)	Luminaire power (W)	Source flux (lm)	Luminaire output flux (lm)	Luminaire efficacy (lm/W)	Peak (cd)	BUG Rating	Voltage (V)
						Ambient temp = 25°						
88	WW	Warm White	3000	80	700	208	22044	18736	90	6344	B3 U0 G3	230
88	CW	Cool White	5700	70	700	208	24395	20735	100	7021	B4 U0 G4	230
88	NW	Neutral White	4000	70	700	208	24395	20735	100	7021	B4 U0 G4	230

Tolerance on flux +- 7% - Tolerance on power +- 5%

Summary

The Piano luminaires are available in 3 sizes: Piano mini up to 24 LEDs, Piano 1 up to 48 LEDs and Piano 2 up to 96 LEDs. The design of the LensoFlex® photometric engine and the flexibility of the photometric distributions make the Piano range an ideal instrument for lighting avenues, streets, public places, parks - optimising the creation of ambiances that are both a source of well-being and safety for those making use of the city. Piano mini offer excellent photometric solutions for low-level areas, such as under foliage, and do not generate intrusive light for people living in apartments. A bracket at the rear means that streets, side-streets and large pavements can be lit using the same luminaire design. The wall bracket allows for the lighting of narrow streets as well as any poorly lit areas.

Applications: Bike paths, Bridges, Car parks, Large areas, Parks, Pedestrian crossings, Residential streets, Roads and highways, Roundabouts, Squares and pedestrian areas, Urban roads and streets

Recommended height installation: between 4.00 and 12.00

Colour: AKZO black sanded