Platea Pro

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Last information update: December 2024

Product configuration: BV97
BV97: Platea Pro

Product code
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Technical description
Outdoor luminaire with a Wide Flood optic, designed to use LED RGBW lamps. Consists of an optical assembly with a base and an aluminium alloy frame. The painting stage consists of a primer and a liquid acrylic paint, cured at 150 °C, with a high level of weather and UV ray resistance. 5 mm thick colourless transparent tempered sodium-calcium closing glass. Product can be tilted on the vertical plane by +5°/-90° with a 10° step graduated scale and fitted with mechanical blocks that guarantee stable light beam aiming. Horizontal aiming can be adjusted using the slots on which the base is provided with a ±30° adjustment option. High visual comfort. High yield, homogenous light distribution polymer optic lenses. Circuit complete with single chip RGBW LEDs (Red Green Blue and White LEDs) and a DMX512-RDM electronic check driver . Removable control gear connected with quick-coupling connectors. 220-240V ac 50/60Hz electronic ballast. Replaceable control gear. All the screws used are made of A2 stainless steel.

Installation
The luminaire can be installed on the wall or floor using a standard base. .

Colour	**Weight (Kg)**
White (01) | Black (04) | Grey (15) | Rust Brown (F5)	8.6

Mounting
wall arm\|ground surface\|wall surface

Wiring
Luminaire ready for pass-through wiring. Product perfect watertightness at the power cable entry point is guaranteed by 2 x M24x1,5 nickel-plated brass cable glands suitable for cables with a max external ø14mm (cross-section from 1.5mm²). Push in terminal board.
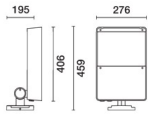
Notes
The following are available as accessories: refractor for elliptical light flow distribution, diffusing glass, visor, directional flaps, protective grille.

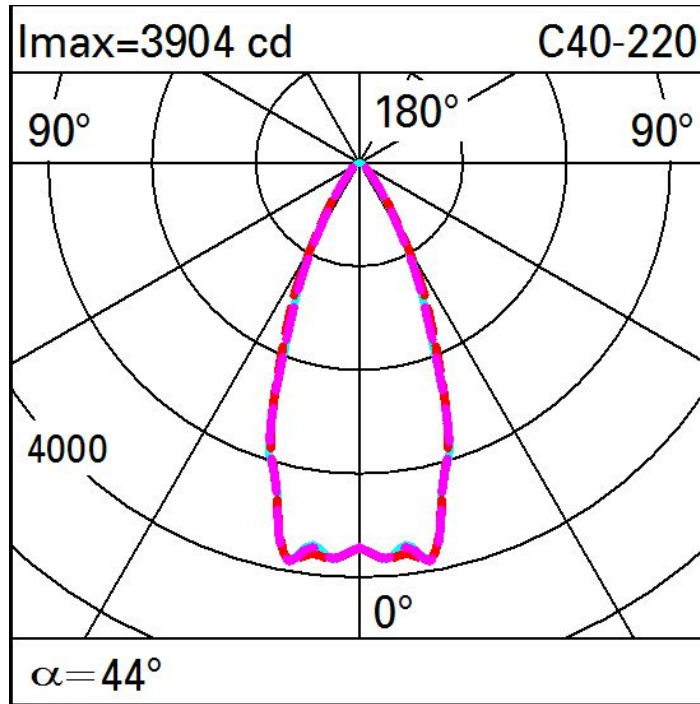Complies with EN60598-1 and pertinent regulations

IK08   IP66

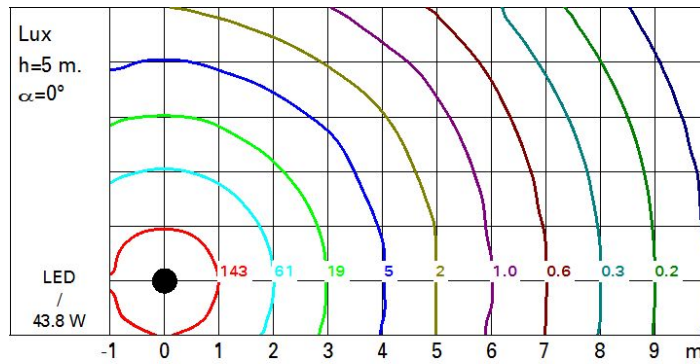### Technical data

lm system:	2441	Life Time LED 1:	100,000h - L80 - B10 (Ta 25°C)
W system:	43.8	Voltage [Vin]:	230
lm source:	3590	Lamp code:	LED
W source:	37	Number of lamps for optical assembly:	1
Luminous efficiency (lm/W, real value):	55.7	ZVEI Code:	LED
lm in emergency mode:	-	Number of optical assemblies:	1
Total light flux at or above an angle of 90° [Lm]:	0	Intervallo temperatura ambiente:	from -30°C to 35°C.
Light Output Ratio (L.O.R.) [%]:	68	Power factor:	See installation instructions
Beam angle [°]:	44°	Inrush current:	40 A / - µs
CRI (typical):	82	Control:	DMX-RDM
Colour temperature [K]:	RGBW - 4000K		

Polar

Imax=3904 cd   C40-220

90°   180°   90°

4000

0°

α=44°

Isolux

Lux
h=5 m.
α=0°

LED
/
43.8 W

143   61   19   5   2   1.0   0.6   0.3   0.2

-1   0   1   2   3   4   5   6   7   8   9   m

Illuminances

Lux   Wall distance = 1m

3

0.1	0.3	1	5	14	24	14	5	1	0.3	0.1

2 0.8—2—5—13—31—46—31—13—5—2—0.8

2   3   7   19   47   81   47   19   7   3   2

1 2—4—9—28—75—116—75—28—9—4—2

2   5   13   37   74   103   74   37   13   5   2

0

m   -2   -1   0   1   2   3