



Palco InOut Solid Thinking

Lighting innovation for people.

Palco InOut

Solid Thinking

design Artec3 Studio

Palco InOut

Explore and interact with products in 3D.
thelightexperience.iguzzini.com

Palco InOut extends our collection of Palco floodlights and framers developed for indoor into outdoor applications. Professional floodlights for architectural lighting with six different diameters starting at just 30mm to offer a range of incomparable solutions with luminous flux of up to 8000 lumen. Innovative Opti Beam optical technologies, with lenses and reflectors to combine comfort, clean beam outlines and power. Wide range of selection of optics, from spot cones to medium, flood and wide flood (80°).

It is also possible to choose between two luminous flux levels at different ambient temperatures, with source values from 230 to 6200 lumen. Professional optical and photometric accessories to adapt the luminous flux to specific application requirements. High chromatic quality and three colour temperatures available. Minimal design and optimal performance for applications in architectural and urban environments.

Palco InOut

ground or floor installation (ø 30 / ø 49 / ø 83 / ø 119 / ø 137 / ø 153 mm)



Ø153

millimetres
scale 1:50



Ø30

millimetres
scale 1:50



MultiPalco InOut

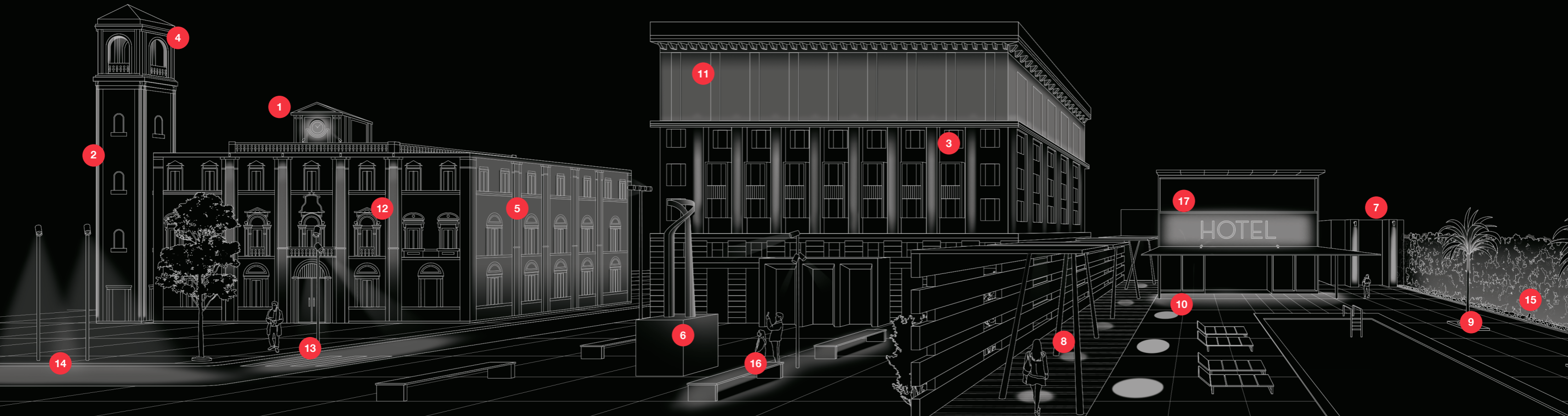
pole or wall installation
(ø 83 ø 83 / ø 119 / ø 137 / ø 153 mm)



p. 13 possible combinations for pole or wall installation.

Palco InOut multiplies and combines lighting distributions to illuminate architecture from any distance, angle and surface, transforming the city into an urban stage.

Urban Lighting Scenario



Palco InOut ø 83 / ø 119 / ø 137 / ø 153 mm

- 1 Super Spot 4°-6°- 8°-10°**
Application: very concentrated beam to spotlight a detail of architecture
- 2 Spot 14°-16°**
Application: concentrated spotlight to highlight verticality for large distances
- 3 Medium 25°-28°-30°**
Application: upward medium beam lighting to paint architecture with light
- 4 Wide Flood**
Application: indirect wide beam lighting of the belfry to emphasize the internal volume
- 5 Super Flood 80°**
Application: very wide beam to uniformly illuminate large surfaces such as facades
- 6 Elliptical with accessories**
Application: narrow elliptical beam to concentrate light only to the obelisk/pole installation

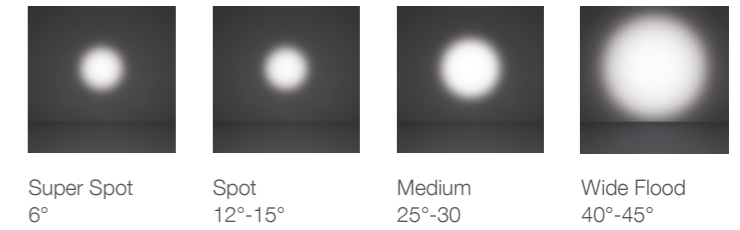
Palco InOut ø 30 / ø 49 / ø 83 mm

- 7 Spot 14°-16°**
Application: concentrated floodlight to highlight verticality
- 8 Medium 25°**
Application: medium beam light distribution to give the path a patterned recurrence of luminous circles
- 9 Wide Flood 40°- 42°**
Application: wide flood beam to uplight uniformly the foliage of the trees
- 10 Super Flood 80°**
Application: very wide beam to light the pathway uniformly downward
- 11 Elliptical with accessories**
Application: grazing effect on facades up - or downward oriented

Accessories

- 12 Diffuser glass**
Application: soft yet highly concentrated light beam with a uniform effect
- 13 Honeycomb louvre**
Application: wide and comfortable light from every direction; ideal for pedestrian areas
- 14 Blade louvre**
Application: screened light along pedestrian areas and cycle paths for great visual comfort / pole installation
- 15 Cylindrical diffuser at a 45°**
Application: uniform and upward vertical wall lighting, without backlighting
- 16 Cylindrical screen**
Application: fully screened light concentrated only on benches / pole installation
- 17 Single directional fin**
Application: shaped lighting on façades avoiding obtrusive light

Optics

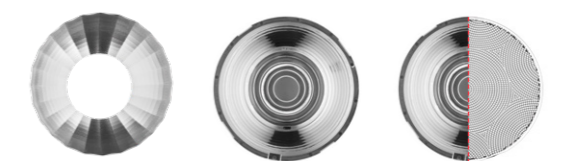


Super Spot 6° Spot 12°-15° Medium 25°-30° Wide Flood 40°-45°



Super Flood 80° Elliptical*

* Elliptical optics are obtained by installing the specific accessory.



Opti Beam Reflector Opti Beam Lens Opti Beam Refractor

Overview



ø 30
2.4 W / 250 lm (source values)
2.4 W / 158 lm (system values)
14° / 24°



ø 49
6.1 W / 710 lm (source values)
6.1 W / 500 lm (system values)
16° / 24° / 42°



ø 83
16.9 W / 2270 lm (source values)
16.9 W / 1811 lm (system values)
15° / 25° / 40° / 80°



ø 83
9.1 W / 995 lm (source values)
11.4 W / 794 lm (system values)
10° / 30° / 40° / 80°



ø 119
24 W / 2953 lm (source values)
26.2 W / 2356 lm (system values)
6° / 12° / 25° / 45° / 80°



ø 137
34.1 W / 4500 lm (source values)
38.6 W / 3555 lm (system values)
4° / 8° / 16° / 28° / 42° / 80°



ø 153
53.3 W / 7635 lm (source values)
53.3 W / 6100 lm (system values)
16° / 30° / 45° / 80°

Values refer to 4000k /
Technical information may change alongside technological progress. Consult iguzzini.com for ongoing updates

Accessories



Refractor for elliptical distribution
Diffuser glass
Honeycomb louvre
Support frame for accessories
Protection grille *

Accessories inside the frame / IP66
max 2 accessories simultaneously

Cylindrical screen
Cylindrical Screen a 45°
Blade louvre **
Frame (Horizontal directional fins) *

accessories outside the frame
max 1 accessory

* ø 119 / ø 137 / ø 153 mm versions only
** ø 83 / ø 119 / ø 137 / ø 153 mm versions only

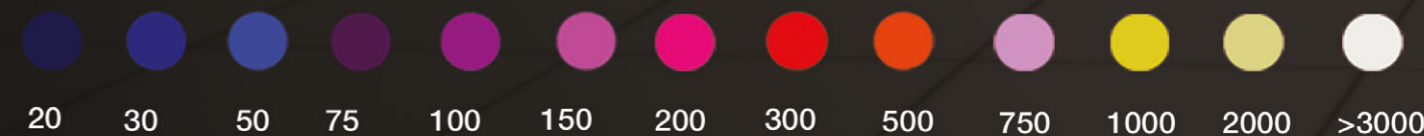
The Light Experience

Enter the 3D Interactive room and test your light. In the Shape Light Room, you can take Palco InOut in hand and move it, turn it on, dim it, rotate it on two axes, change the optics and accessories, and display the isolux.

Everything at the speed of a single click.



Isolux Lighting



Solid thinking

Sturdiness, versatility and functionality

Palco InOut is designed to work in any setting. Each internal accessory is housed in a gasket and has protective glass to prevent penetration by dust and therefore the upkeep of the product's IP66 grade. The external accessories, on the other hand, have a hole to drain water and a screen to prevent the emission of stray light.

The High Output and High Resistance versions make it possible to adapt luminous fluxes to outdoor temperatures from +35 °C to +50 °C and from -20 °C to -30 °C. Spike installation is also possible stake with full integration, thereby significantly simplifying the system. Dual rotation to ensure maximum flexibility and versatility.

IP66

Each internal accessory is housed in a gasket to ensure upkeep of the product's IP66 grade.



Thermal resistance

Reliability even at extreme temperatures



Spike installation

Even including integrated power supply to simplify and speed up installation.

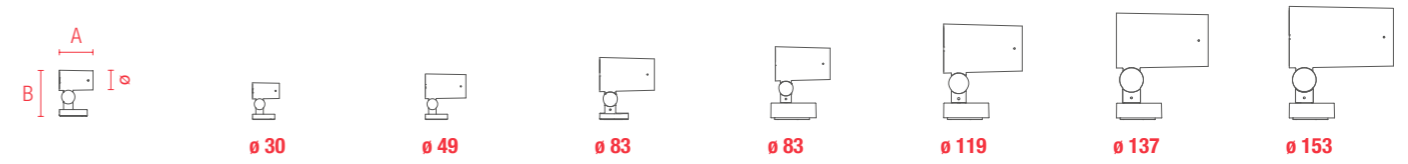


Dual rotation

The product can rotate on vertical and horizontal surfaces alike, thereby ensuring maximum flexibility and versatility.



Palco InOut



Dimensions

AxB (mm)	53x72	82x90	145x164	145x193	208x253	243x282	276x300
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Optics / Technology

Opti Beam Lens	14°/24°	15°/25°		10°/26°	6°/12°/25°	4°/8°/16°/28°	
Opti Beam Reflector		40°	16°/26°/45°/80°	40	45°/80°	40°/80°	16°/30°/50°/80°

Accessories

Refractor for elliptical distribution	•	•	•	•	•	•	•
Diffuser glass	•	•	•	•	•	•	•
Honeycomb louvre	•	•	•	•	•	•	•
Blade louvre			•	•	•	•	•
Cylindrical screen	•	•	•	•	•	•	•
Cylindrical Screen at 45°		•	•	•	•	•	•
Directional flap					•	•	•
Frame (directional flaps)					•	•	•
Protection grille					•	•	•

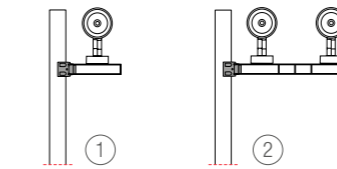
Mounting accessories

Spike	•	•	•	•	•		
Spike with driver	•	•					
On pole with arms single (1) / double (2)				•	•	•	•
On pole with flange single (3) / double (4)				•	•	•	•
Wall-mounted with double (5) / triple (6) support				•	•	•	•

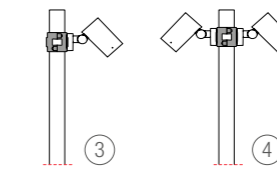
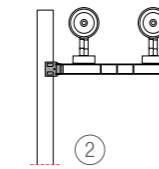
Insulation Class

Class III	•	•	•				
Class II (complete with power supply)				•	•	•	•

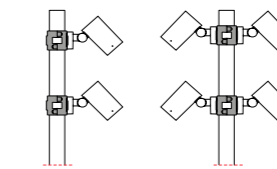
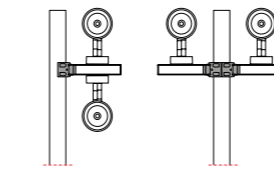
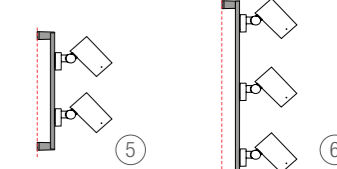
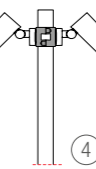
MultiPalco InOut possible installations on poles 5000 / 6000 / 7000 / 8000 / 9000 / 10000 / 12000 mm (dimensions refer to the height of the pole above ground)



installation alternatives with single / double arm

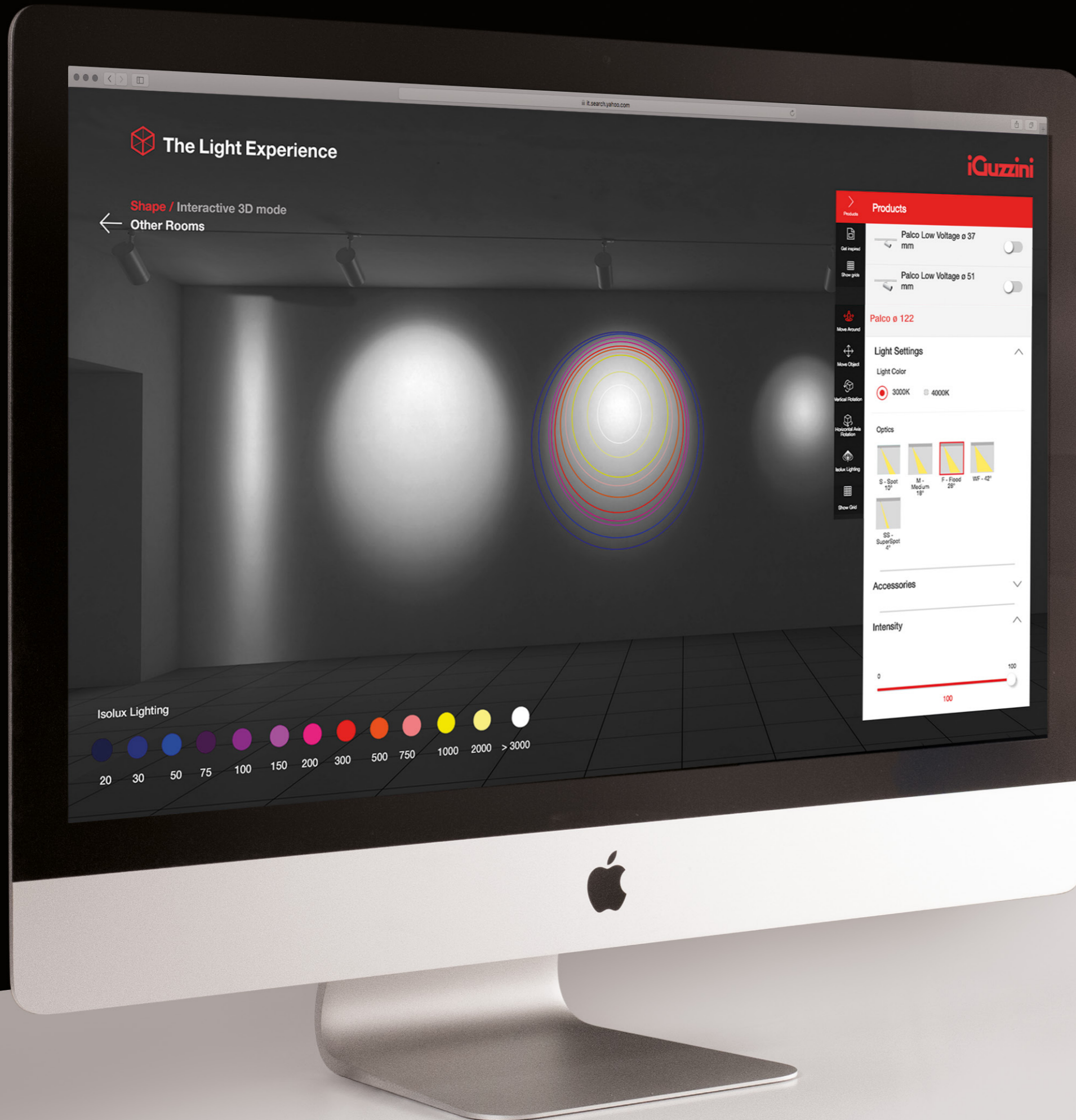


installation alternatives with single / double flange



for more information visit iguzzini.com/palco-inout

The Light Experience



// **Explore** virtual rooms and **get inspired**

// **Turn your ideas into light** with one click

// Take the product in your hand move it, turn it on, **see the design up-close**

// **Build your own effect**, changing optics, intensity, accessories, colour temperature and isolux curves

// **Anywhere, anytime, with anyone**

A working tool for light inspiration
thelightexperience.iguzzini.com



