



**Modello: BVG5PC6060U940L41-**

**Product type :**

BIOVITAE PRO series, IP65 low glare (UGR<19) direct light panel, equipped with high-efficiency Biovitae LEDs.

**Characteristics :**

Ideal for maintaining the pre-existing aesthetics while offering significant energy savings and lower maintenance costs.

Hi color rendering index, CRI>90. DALI Dimmable versions on request.

Panel backpart metal plate provide best thermal management and ensure reliability and lifetime of the product

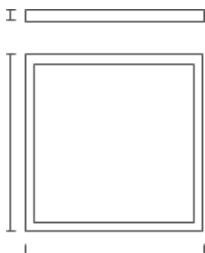
**Materials :**

Aluminum body treated with UV Resistant polymers, PMMA primary lenses, external Tempered glass diffuser.

**Technical Data :**

Rated Power	45 W	Beam Angle	115°	Dimmability	On Request	Input Voltage	220-240 Vac
Connection	Free Wires	Degrees of protection—Components Vane	65	Degrees of protection—Optical Vane	65	Flux	4500 lm
PF	0,90	UGR	<19	Tc K	4000 K	CRI	>90
Led Warranty	5 Years	Risk Group	RG0	Lifetime	50'000h L80B20	Environmental Conditions	Ta -15 ÷ +35°C

**Dimensional Characteristics :**



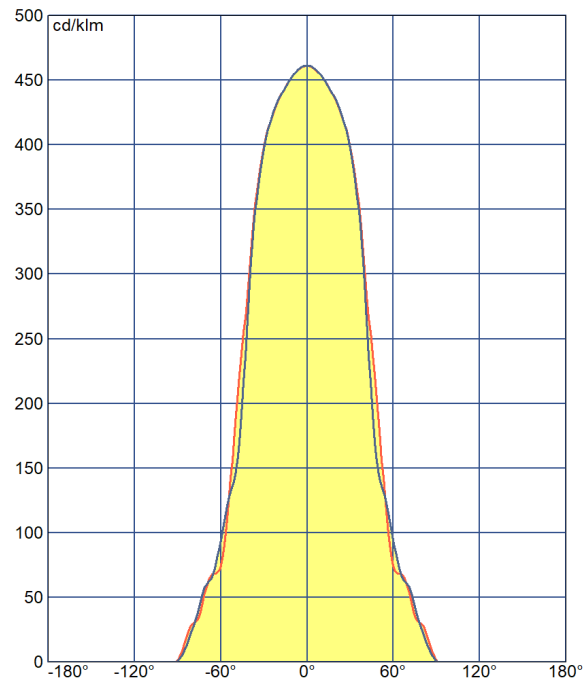
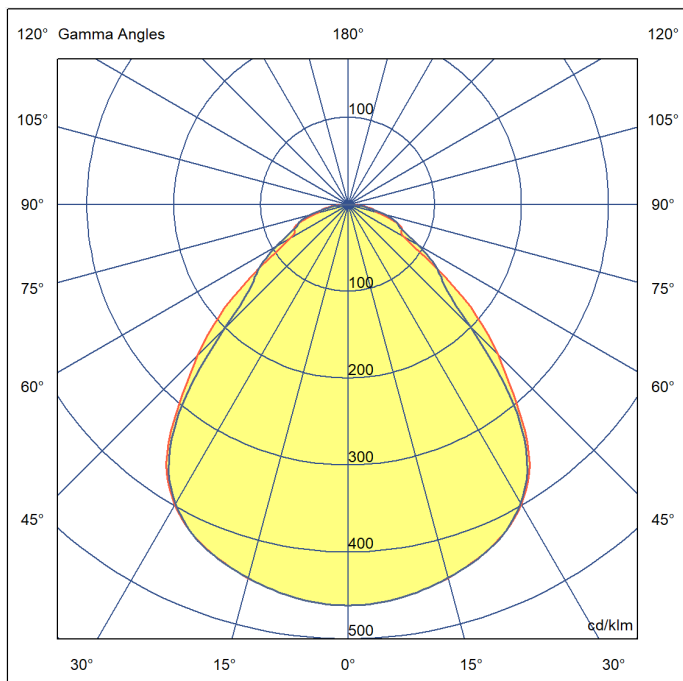
L	595 mm
H	100 mm
Cutting Hole	580 x 580 mm

**Caratteristiche Elettriche:**

Rated power	45 W
Input Voltage	220-240 Vac
Frequency	50-60 Hz
Driver output voltage	25-42 Vdc
Dimmability	No (On request)
Power Factor	0,90
Driver operating output Current	1000 mA
Consumption Weighted factor	45 kWh/1000h
ON/OFF Cycles	100000
Operating Environmental Conditions	-15°C / +35°C

### Lighting and photometric features :

Unified Glare Ratio	<19
Flux	4500 lm
Nominal CCT color temperature	4000 K
Tone of light	Natural light
Color Rendering Index	>90
Lifetime	50000 h
Rated Lumen Maintenance Life	L80 B20
Trigger time	<0,2 s
Warm-up time up to 60% of full output	Instant Full Light



Luminous flux and electrical power have a tolerance of +/- 10% compared to the indicated value. tq +25°C (CIE121).

### Warranty:

Type Of Warranty	<p><b>Full Guarantee 5 years (24h/24h)</b></p> <p>Without limitations on the duration of use for the first year, provided the observance of the installation conditions.</p>
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### EU Directive and Standards:

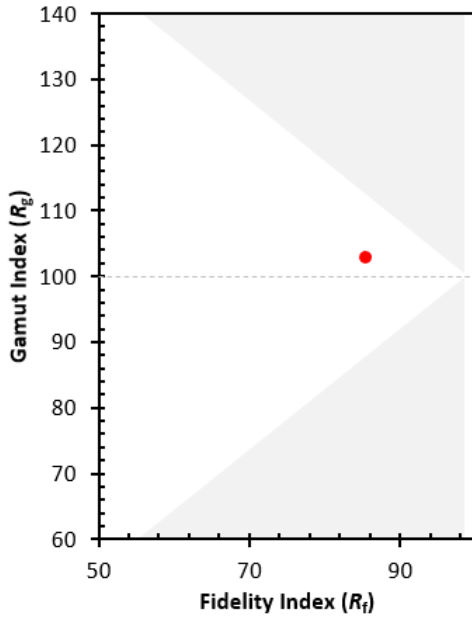
2009/125/EC, 1194/2012, 2015/1428, 2010/30/EU	CEI EN 61000-3-3:2014
874/2012, 2011/65/EU, 2012/19/EU, 2014/30/EU	CEI EN 61547:2010
2014/35/EU, 2015/863	CEI EN 62031:2009
CEI EN 55015:2020	CEI EN 62031/A1/A2:2015
CEI EN 60598-1:2015	CEI EN 62471:2010
CEI EN 60598-1/A1:2019	IEC TR 62471-2:2009
CEI EN 60598-2-2:2012	CEI EN 62493:2015
CEI EN 61000-3-2:2019	CEI 34-141:2014

### Logistics data :

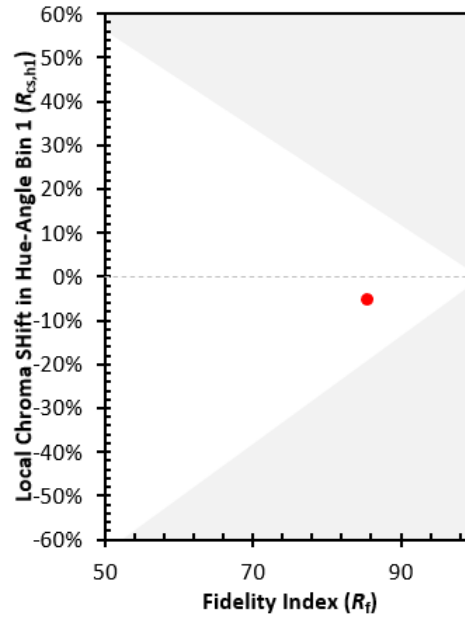
Item net weight	4500 gr
Barcode single item	8050503270495
Number of pieces multiple pack	ND
Barcode multiple pack	ND



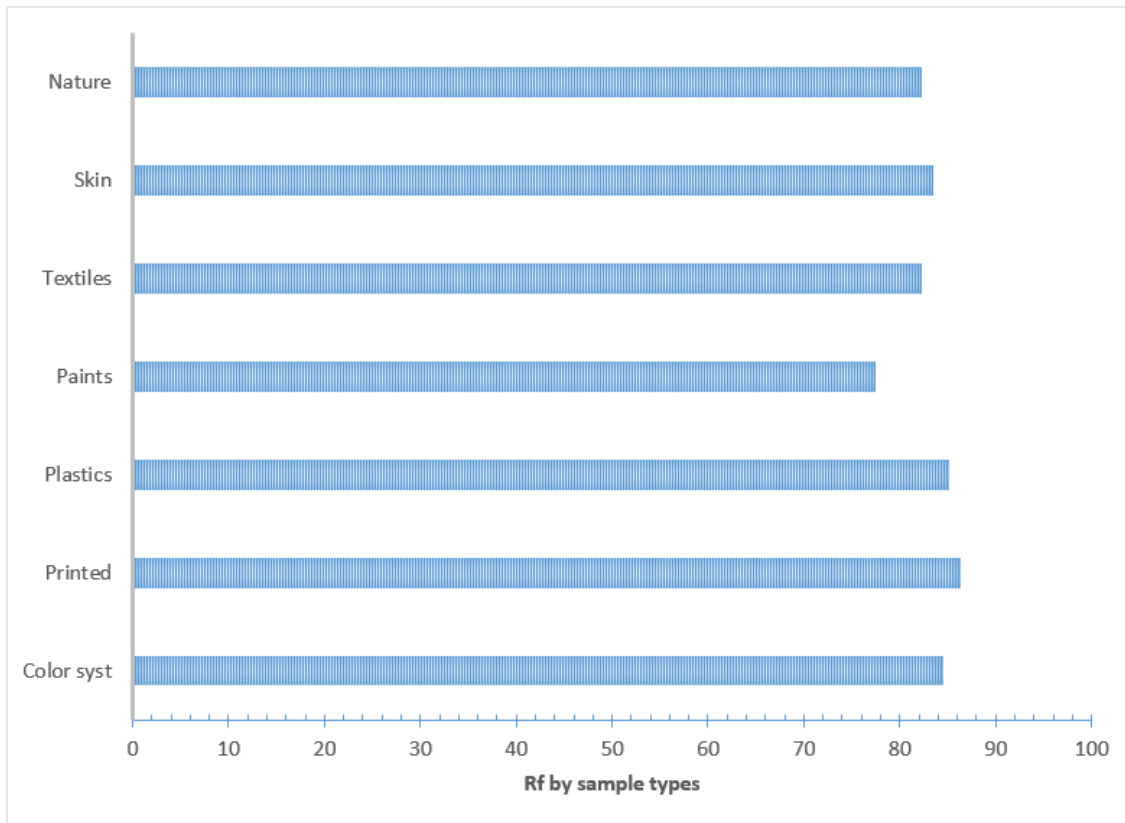
Colorimetric Specifications :



**Gamut Index vs. Fidelity Index**  
 The range in possible  $R_g$  values increases as  $R_f$  decreases. The gray shaded area indicates the approximate region of combinations that are not possible for nominally white light sources.



**Local Chroma Shift in Hue-Angle Bin 1 vs. Fidelity Index**  
 The range in possible  $R_{cs,h1}$  values increases as  $R_f$  decreases. The gray shaded area indicates the approximate region of combinations that are not possible for nominally white light



Colors are for visual orientation purposes only. Created with the ANSI/IES TM-30-18 Calculator Version 2.00.