

Modello: BVG5PB6060U940L41-

Product type :

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

Characteristics :

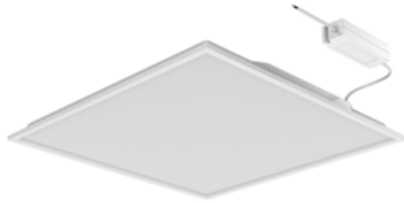
Ideal for maintaining the pre-existing aesthetics while offering significant energy savings and lower maintenance costs.

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 :

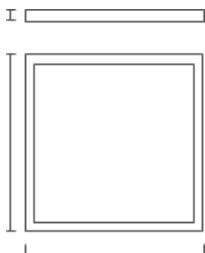
Aluminum body treated with UV Resistant polymers, PMMA primary lenses, external PC diffuser with anti-yellowing treatment.



Technical Data :

Rated Power	40 W	Dimmability	On Request	Input Voltage	220-240 Vac	Connection	Free Wires
Degrees of protection—Components Vane	20	Degrees of protection—Optical Vane	43	Flux	4000 lm	CRI	>90
PF	0,90	UGR	<19	Tc K	4000 K	Risk Group	RG0
Led Warranty	5 Years	Lifetime	50'000h L80B20	Environmental Conditions	Ta -15 ÷ +35°C		

Dimensional Characteristics :



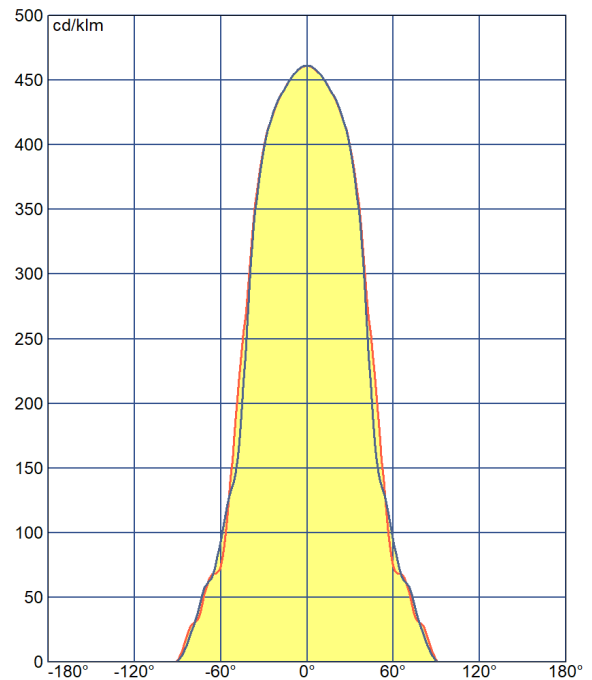
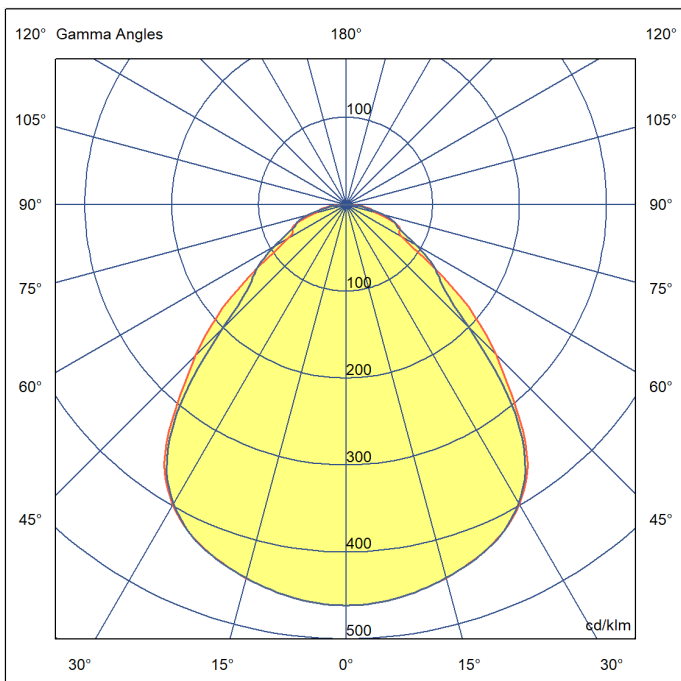
L	595 mm
H	43 mm
Cutting Hole	580 x 580 mm

Caratteristiche Elettriche:

Rated power	40 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	900 mA
Consumption Weighted factor	40 kWh/1000h
ON/OFF Cycles	100000
Operating Environmental Conditions	-15°C / +35°C

Lighting and photometric features :

Unified Glare Ratio	<19
Flux	4000 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>Full Guarantee 5 years (24h/24h)</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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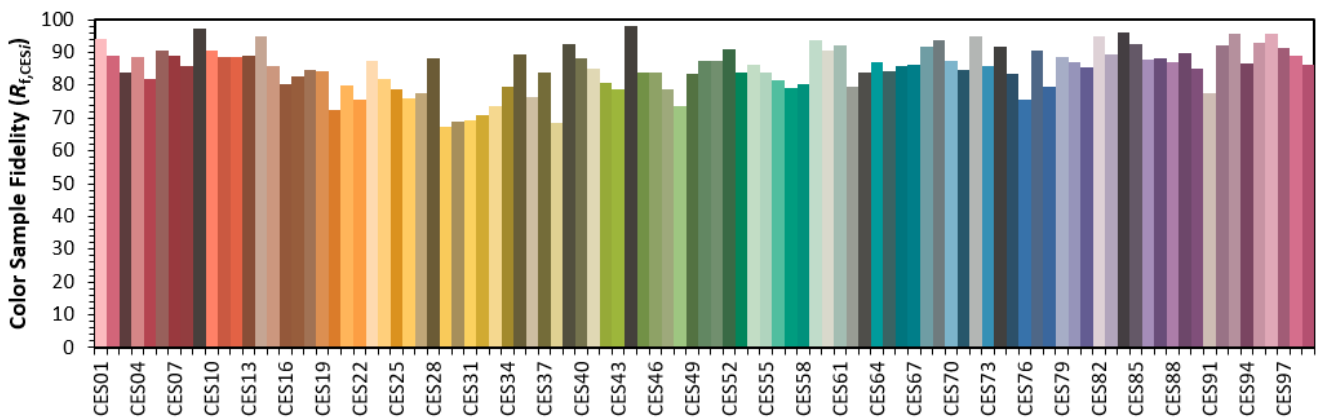
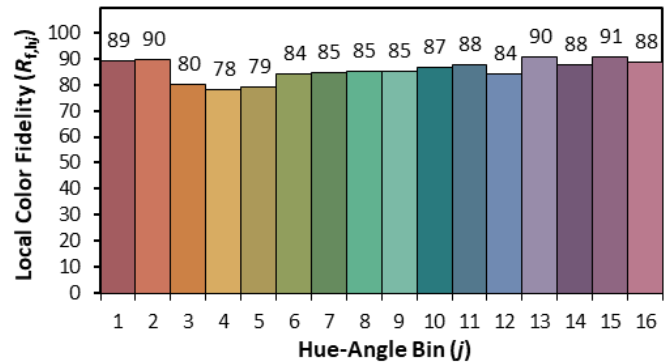
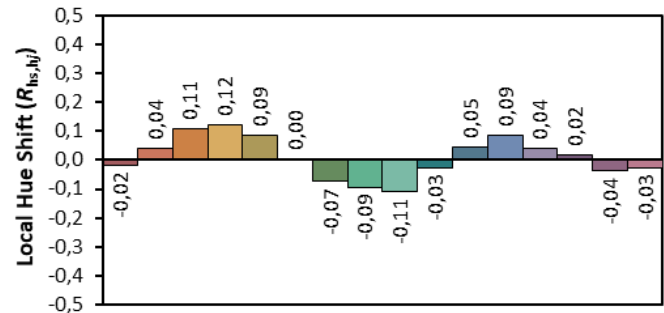
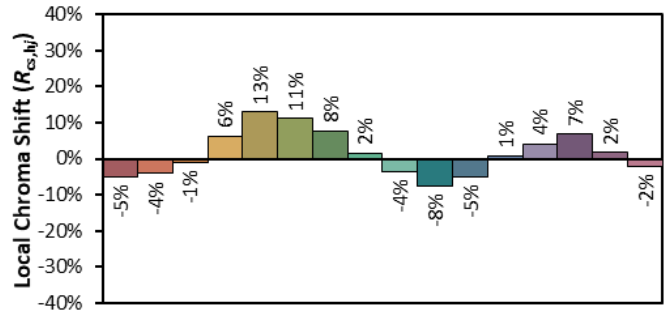
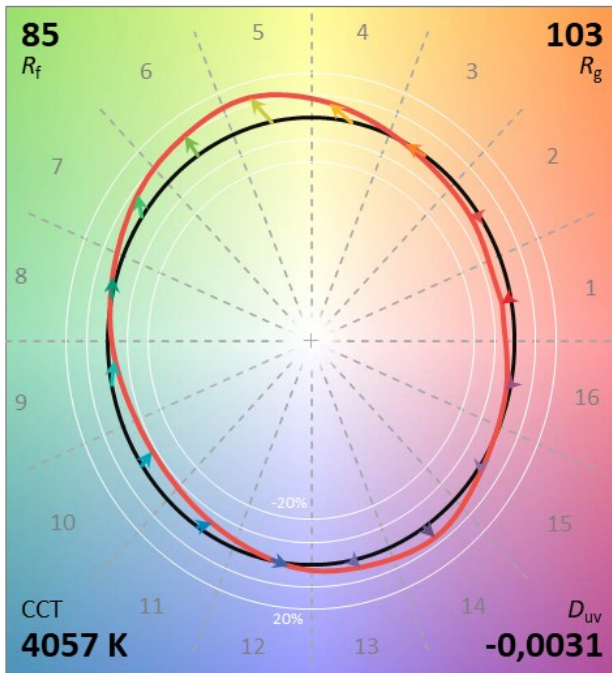
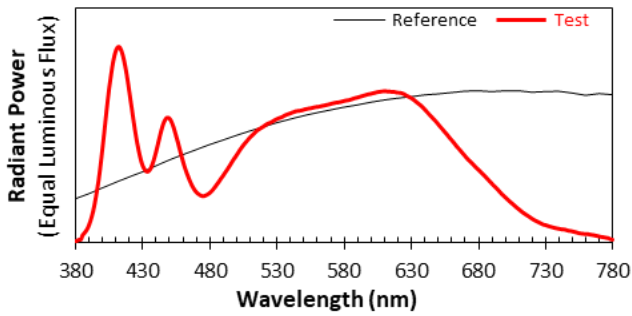
EU Directive and Standards:

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	3500 gr
Barcode single item	8050503270365
Number of pieces multiple pack	6
Barcode multiple pack	8050503270556

Colorimetric Specifications :



Notes: This is a recommended method for displaying ANSI/IES TM-30-18 information.

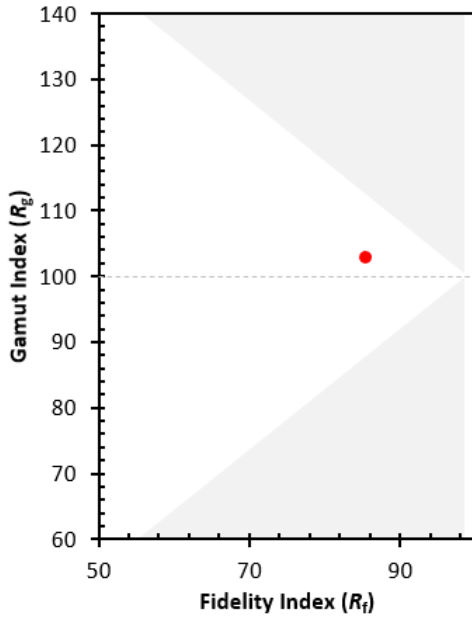
x 0,3759
y 0,3674
u' 0,2259
v' 0,4967

CIE 13.3-1995
(CRI)

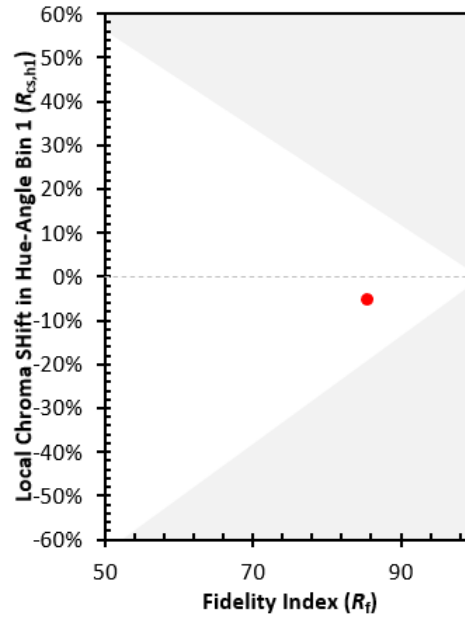
R_a 90

R_g 61

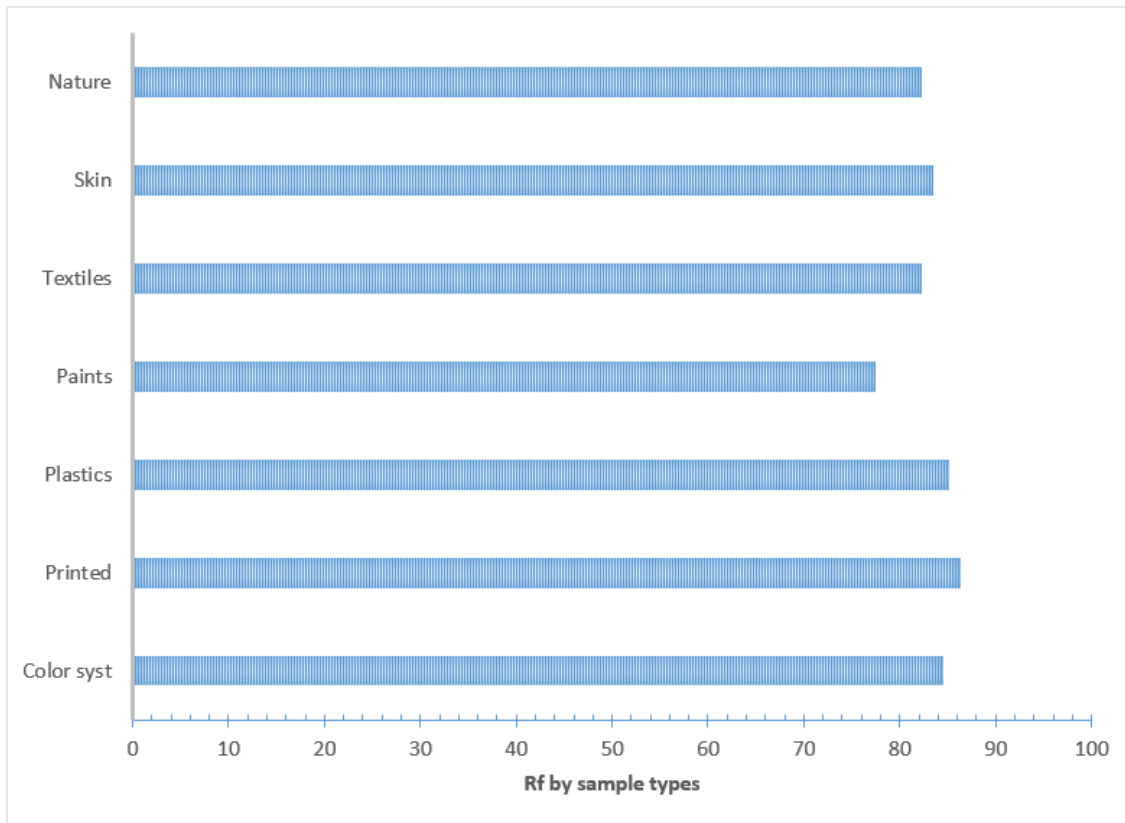
Colorimetric Specifications :



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.