

Model: BVG5DW4F940L14-

Type

Professional recessed luminaire BIOVITAE DOWNLIGHT 4 Inc., with high-efficiency Biovitae SMD LED sources.

Characteristics:

Ra>90, 50000 hours, UGR <21, 4000K

Flicker Free: for greater visual comfort, better definition of details and reduction of visual stress. Risk Group 0

Remote driver included.

Materials:

Die-cast aluminum body, high diffusion optics and low glare index.

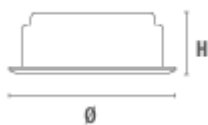
Quick attachment system in the plaster ceiling by high-resistance stainless steel springs.



Technical Data :

Rated Power	20 W	Beam Angle	110°	Dimmability	On request	Rated Voltage	220-240 Vac
Type of Cap	GU10	Degrees of protection Optical vane	43	Degrees of protection Component vane	20	Flux	1400 lm
Environmental Conditions	Ta -25 ÷ +35°C	PF	>0,90	Tc	3000K/4000 K	CRI	>90
Risk Group	RG0	Warranty	5 Years	Vita Utile	L80/B20>50,000		

Dimensional Characteristics :



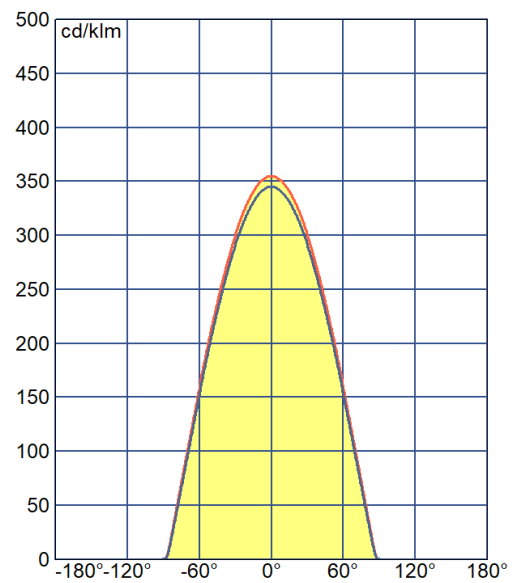
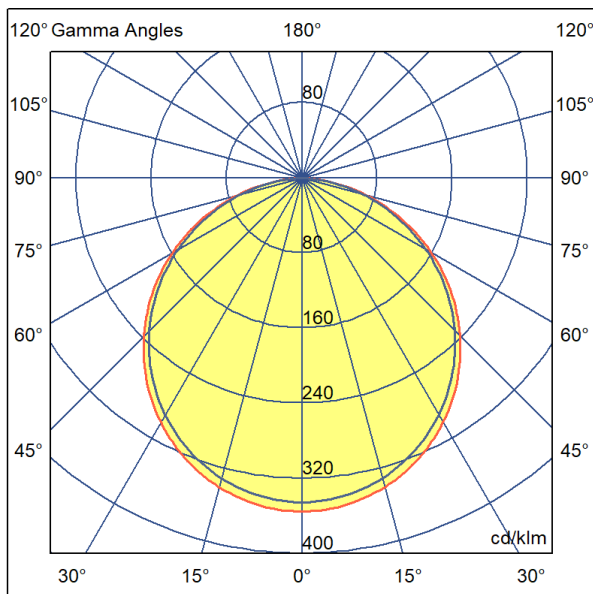
H	138 mm
Ø	49 mm

Electrical characteristics:

Rated power	20 W
Input Voltage	220 -240 Vac
Frequency	50-60 Hz
Dimmability	On request
Power Factor	>0,5
Wheighted power	20 kWh/1000h
ON/OFF Cycles	100000
Operating Environmental Conditions	-25°C / +35°C

Lighting and photometric features :

Beam Angle	110°
Flux	1400
Axis Candle	497 cd
Nominal CCT color temperature	4000 K
Tone of light	Natural Light
Color Rendering Index	>90
Lifetime	50.000 h
Rated Lumen Maintenance Life	L80B20
Trigger time	<0,2 s
Warm-up time up to 60% of full output	Instant Full Light



Warranty:

Type of Warranty	5 years
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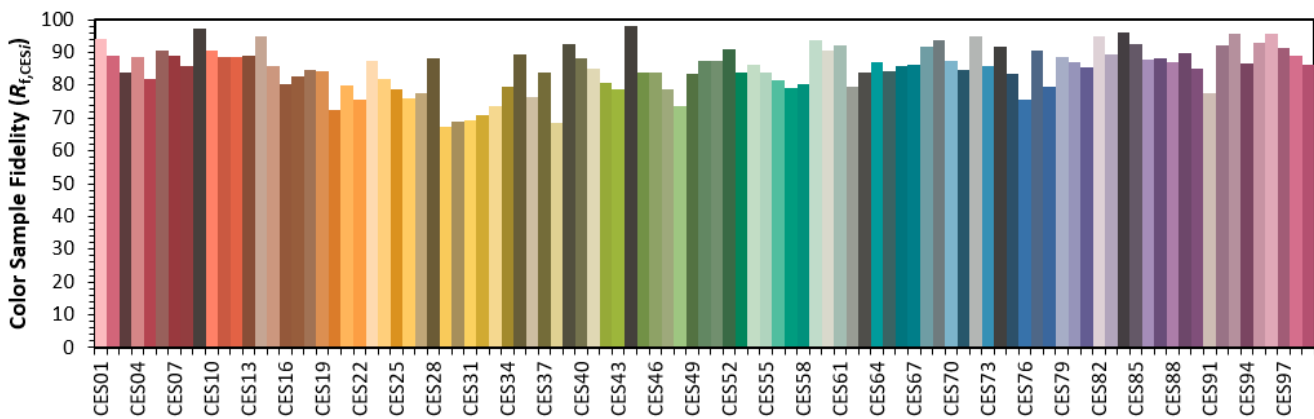
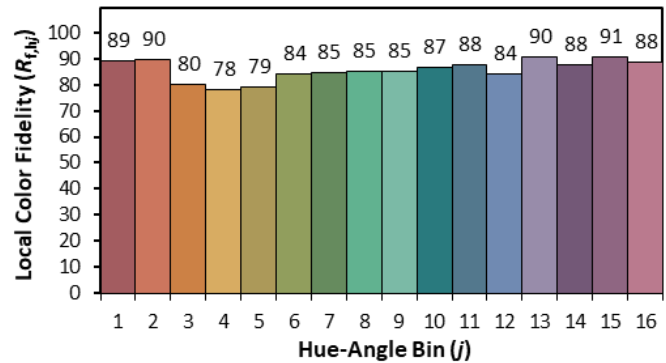
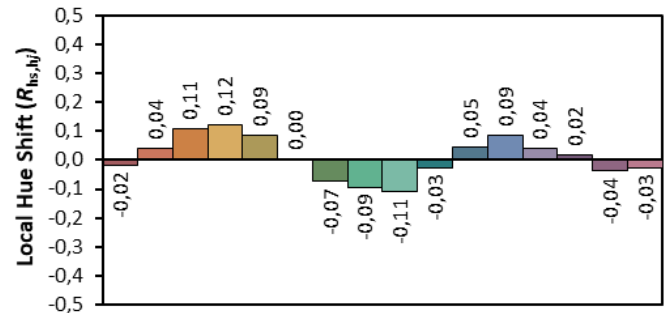
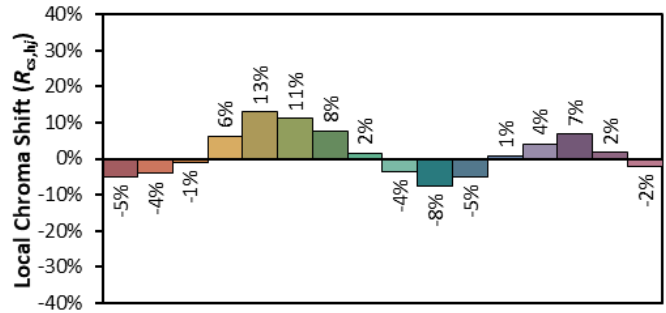
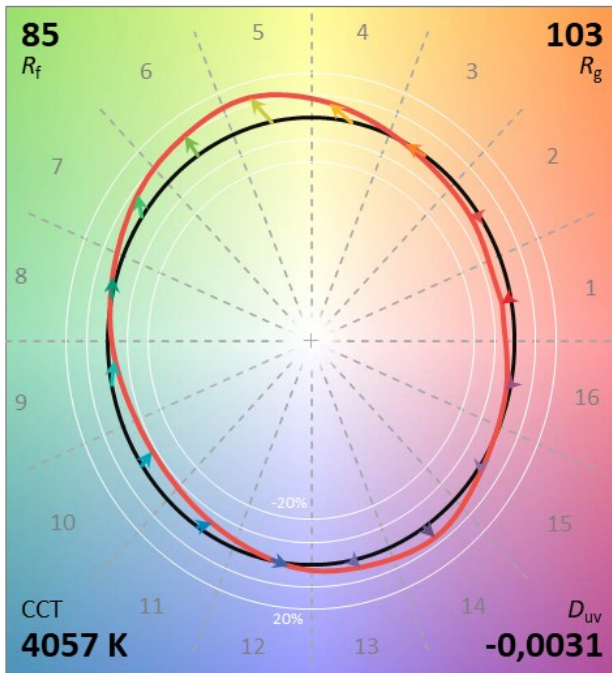
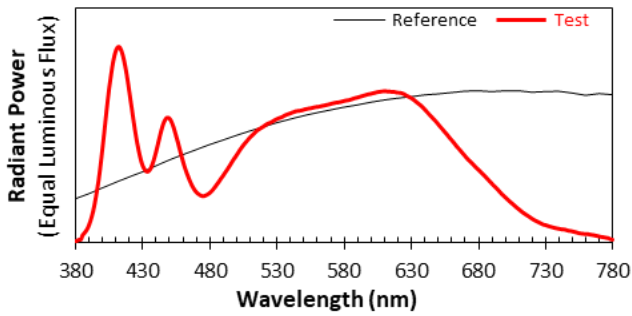
EU Directive and Standards:

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	
Barcode single item	8050503270402
Number of pieces multiple pack	
Barcode multiple pack	8050503270525

Colorimetric Specifications :



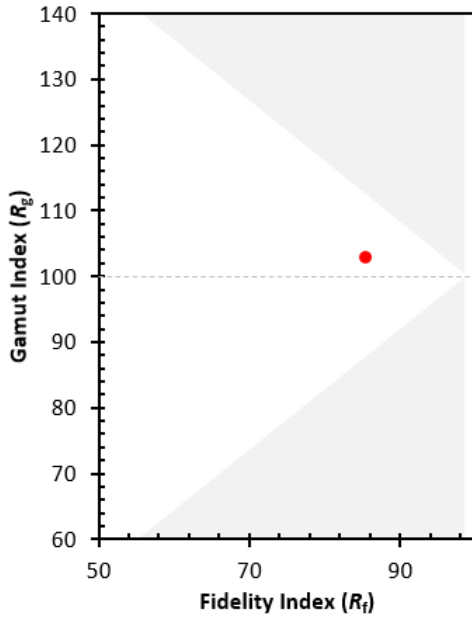
Notes: This is a recommended method for displaying ANSI/IES TM-30-18 information.

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

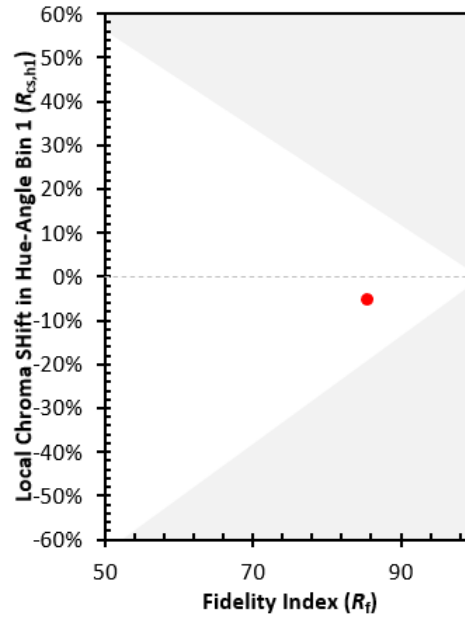
CIE 13.3-1995
(CRI)

R_a 90

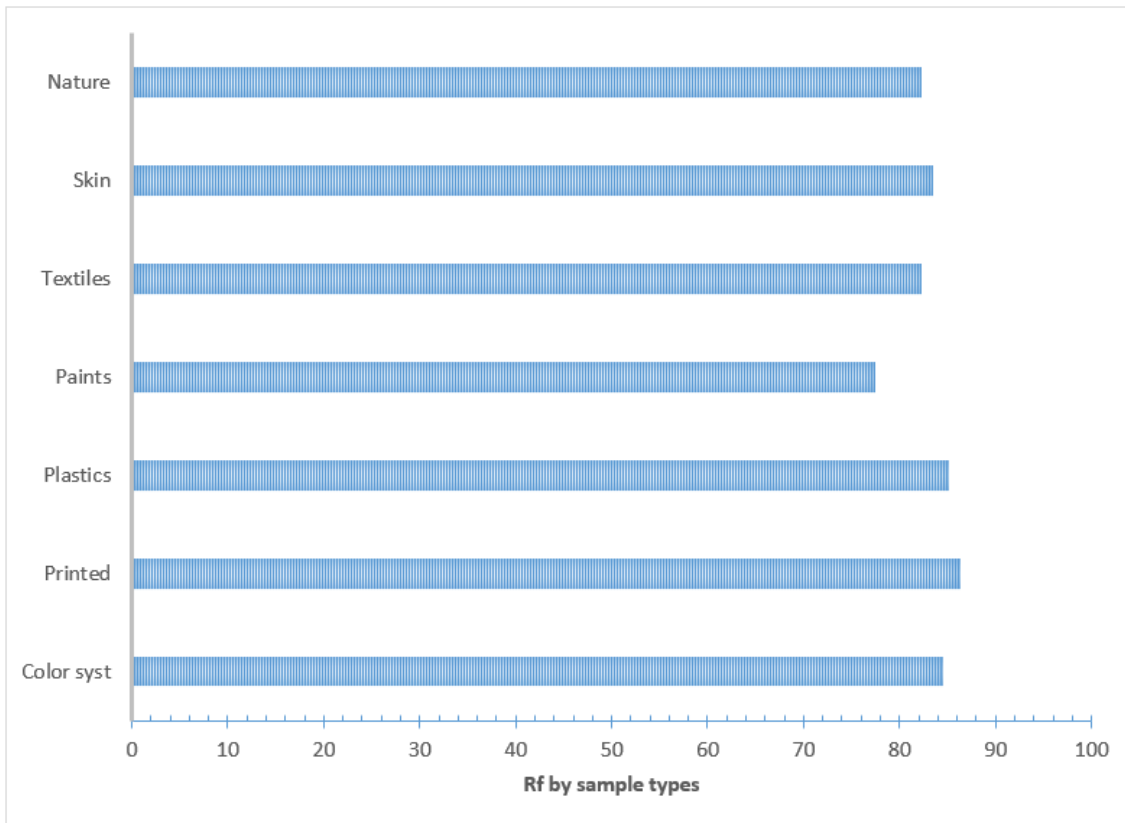
R_g 61



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.