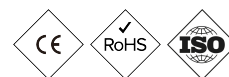
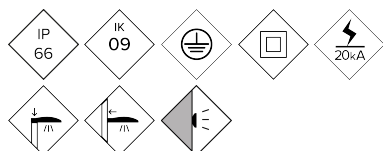


APLR

Floodlight

LINEO RGBW



Linear RGBW wallwasher with 0.39 in toughened glass enclosure and IK09 resistance rating according to EN 60598-2-13. Available in three different sizes and a wide range of power outputs: 30, 40, and 60W. Ready for DMX-512 regulation.

MAIN FEATURES:

- High efficiency. Up to 100 lm/W actual.
- Different power ranges. From 30W to 60W.
- Aluminum injection body.
- 10mm toughened tempered glass for high strength
- Regulation control via DMX-512 protocol.
- High temperature resistant waterproof silicone ring, corrosion resistant PP plastic
- Stainless steel hardware and frame

APPLICATIONS:

- Commercial and Tourist Streets
- Architectural; Buildings and Monuments

[Project sheet](#) | [CAD](#) | [Mounting instructions](#) | [HD image](#)

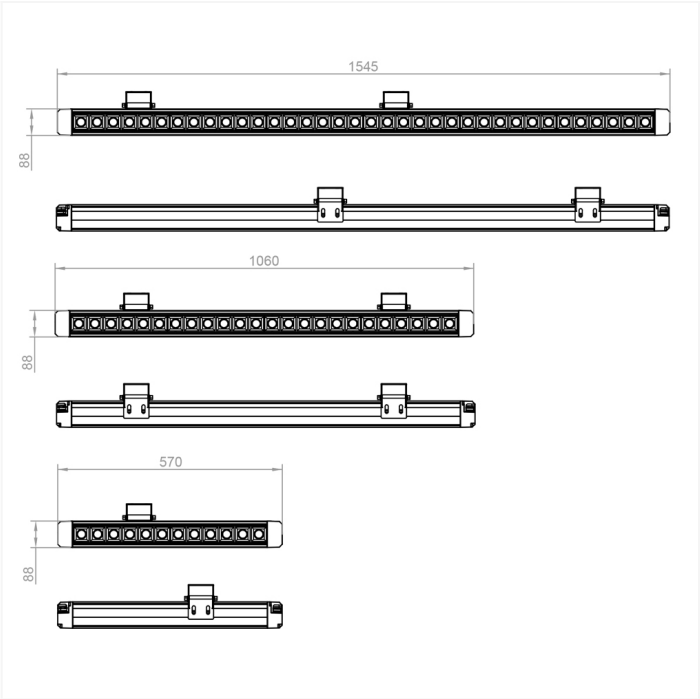
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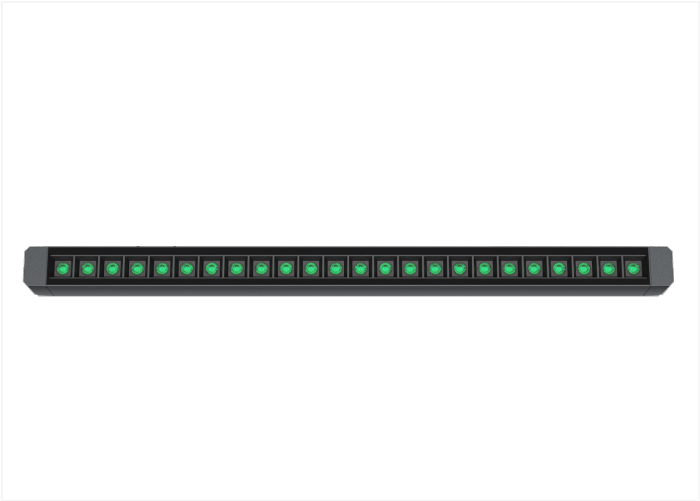
SPECIFICATIONS :

Housing material:	Die-cast aluminium extrusion profile of type EN AC-43000, EN AC-43100, EN AC-43400, EN AC-44100, EN AC-47100 according to the UNE EN 1706 standard.
Diffuser (optic system enclosure):	10mm tempered glass with UV protection.
Fixing elements:	18/8 Stainless Steel - AISI 304
Housing:	Driver / LED Module
Sealing gaskets:	Silicone Foam
IP rating (luminaire):	IP67
IP rating (optic system):	IP67
IK rating (impact resistance):	IK09
LEDs thermal dissipation:	Heat dissipation through the luminaire body, without external fins or conductive fluids. Passive heat dissipation through convection, ensuring thermal contact between the LED modules through highly conductive heat transfer material.
Anti-condensation valve:	Pressure compensation valve that ensures moisture evacuation, preventing condensation and maintaining the luminaire's IP rating.
Paint and finishes:	Corrosion resistant
Colour:	Chrome
Mounting:	Multi-position plate
Tilt range:	Yeah
Maintenance:	Replaceable modules: LEDs, Driver, Decoder, SPD.
Recommended mounting height:	Up to 8m
Driver:	Built-in constant current dimmable driver
Flow Reduction:	Dimmable Driver via DMX-512 protocol through decoder.
Ready4IOT - Connectivity:	Dimming control compatible with any DMX-512 system. Optionally, a controller with internal memories of lighting scenes can be supplied. Includes programming software.
Surge protection device (SPD):	Type 2, 10-20kV and 20kA transient surge protector. Series connection with thermofuse disconnecter for a more effective protection at the end of its service life
DarkSky Approved	

DRAWING:



INSTALLATION:

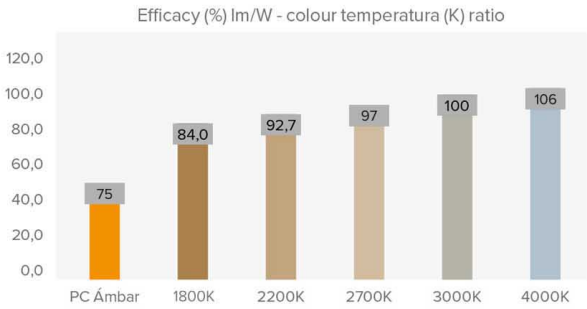


V. 2026-02-17 | The constant improvement and evolution of our products may result in some modifications of the technical specifications and characteristics of the products without prior notice.

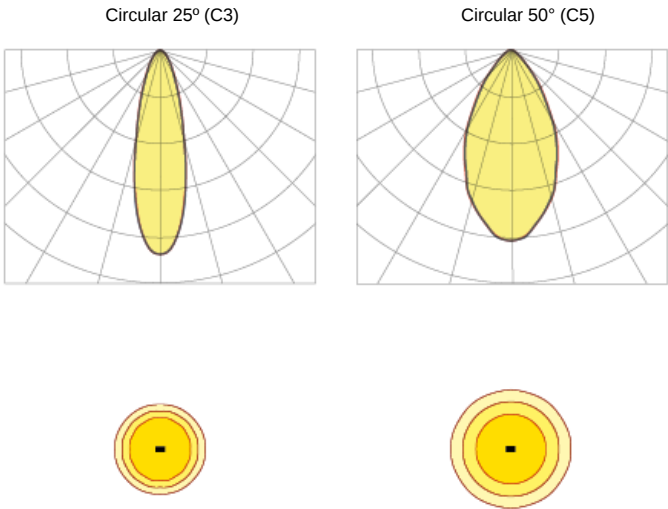
TECHNICAL DATA:



P LINEO RGBW	REF.	Nº LEDs	Power W	I Driver mA	Real luminous flux (T) =85°C		Initial luminous flux (T) =25°C	
					Flux lm	Efficacy lm/W	Flux lm	Efficacy lm/W
	APLR3050	12	30	800	3000	100	3360	112
	APLR40100	24	40	550	4000	100	4480	112
	APLR60150	36	60	550	6000	100	6720	112



Luminous fluxes and efficiencies with all four RGBW channels at 100%



*Show 4 recommended lighting distributions. Refer to the 18 typologies.

V. 2026-02-17 | The constant improvement and evolution of our products may result in some modifications of the technical specifications and characteristics of the products without prior notice.

LEDs MODULE:		
LEDs module:	BENITO Zhaga format with 8, 12, and 16 LEDs. Consult color temperatures, CRI, and light distributions.	
Replaceable module:	Yeah	
LED:	LUXEON 3535	
Number of LEDs:	Depends	
PCBs format:	Circular	
LED nominal efficacy:	112	
Colour temperature:	R - G - B - W	
Colour rendering index CRI:	It depends on the color	
Average LED useful time L90B10:	L90B10 >100,000 hours	

OPTIC SPECIFICATIONS:		
Optic system:	Conical PMMA lenses	
Light distributions:	18 light distribution curves	
Upward light output ratio ULOR:	0%	
Downward light output ratio DLOR:	100%	
Glare index:	Between D5 and D6 (depending on the light distribution)	
Luminous intensity category:	Between G*4 and G*6 (depending on the light distribution)	
Luminous flux CIE n°3:	>95%	
Photobiological safety:	RG0 (risk-free)	
Initial luminous flux Tj=25°C (up to):	lm	13954
Initial luminaire efficacy Tj=25°C (up to):	lm/W	120
Real luminous flux Tj=85°C (UNE EN 13032-4) (up to):	lm	12240
Real luminaire efficacy Tj=85°C (UNE EN 13032-4) (up to):	lm/W	105

ELECTRIC SPECIFICATIONS:		
Nominal maximum power (LEDs):	W	108
Maximum power consumed (luminaire):	W	120
Power range:	W	0W - 120W
Maximum current of LED:	mA	<500 (<50% I _{max})
Power supply protection classes IEC:	Class I and II	
Surge protection device (SPD):	Type 2, 10-20kV and 20kA transient surge protector. Series connection with thermofuse disconnecter for a more effective protection at the end of its service life	
Common and differential mode protection (SPD) Udc:	kV	10 and optional NTC
Max current (8/20) (SPD):	kA	20
Thermal phase disconnection (SPD):	Yes	
Input voltage:	Vac	220-240
Input voltage (max rate):	Vac	198-264
Input frequency:	Hz	47-63
Starting current:	A	<65
Duration of the starting voltage peak:	ms	<0.3
Driver efficacy:	>90%	
Power factor 100% consumption:	>0.98	
Power factor 50% consumption:	>0.95	
Total harmonic distortion (THD):	<10	
Power consumption on standby mode:	W	<0.4
Energy class:	C (According to EU Regulation 2019/2015 EPREL) - A++ IPEA>1.15.	

OPERATING CONDITIONS:		
Average LED useful time L90B10:	hours	>100,000
Average driver useful life to T _p <70°C:	hours	100,000
Average luminaire useful life L90B10 (TM-21):	hours	72,167
Ambient temperature (Ta):	°C	From -35°C to +50°C
Aerodynamic resistance (CxS):	m2	0.039
Vibration test (15Hz 3 axis):		
Guarantee:	years	5 years (extensible up to 10 years)

PACKAGING DIMENSIONS:		
Net weight	kg	8.4
Gross weight	kg	9.4
Luminaire dimensions (LxWxH)	mm	490x390x81
Packaging dimensions (LxWxH)	mm	500x395x110
Pieces per box	1	
Quantity per container 20ft	1344	
Quantity per container 40ft	2898	

CERTIFICATES:	
Security certificates:	EN 60598-1 / EN 60598-2-5 / EN 62493 / IEC 62471
EMC certificates:	EN 55015 / EN 61547 / EN 61000-3-2 / EN 61000-3-3 / EN 61347-2-13 / EN 61347-1 / EN 62384
Other certifications:	IEC 62262 / EN 13032-4 / EN 62717 / EN 6272-1 / EN 6272-2-1 / EN 61643-11

Company Certifications



BENITO

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