ASCENT TWIN LED RGBW H DMX I CL. IP66 20X40D 55W

DETAILED CARD



TECHNICAL PARAMETERS

Index:	114946
Ingress protection:	IP66
Impact resistance:	IK08
Rated power of the luminaire [W]*:	55
Luminous flux [lm]*:	2879
Colour temperature [K]:	5500
Color rendering index (Ra) >:	52.7
SDCM:	6
Electrical protection class:	I
Energy efficiency class:	G

CHARACTERISTICS

The Ascent Twin LED RGBW are high-performance floodlights designed for professional lighting applications. They are characterised by their robust construction and precision craftsmanship. The body, made from deep black aluminium (RAL9005), ensures high durability and resistance to adverse weather conditions. A transparent glass diffuser protects the two-section module of high-performance LEDs, whilst a wide selection of optics allows the light beam to be perfectly tailored to the project's requirements.
RGBW technology, supported by DMX control, enables a full colour palette including white light (5500 K), guaranteeing high-quality lighting, precise colour rendering and seamless control over lighting effects. A variety of beam angles – both symmetrical (15°, 25°, 35°, 60°) and rectangular (20x40°) – allow the character of the light output to be tailored to the specific requirements of the venue: from wide, even illumination to narrow, focused lighting accents.
High mechanical resistance (IK08) and an IP66-rated enclosure ensure reliable and trouble-free operation in demanding environmental conditions (within a temperature range of -20°C to +35°C). Surface-mounted installation with an adjustable bracket and the availability of two mounting variants (H and L versions) ensure configuration flexibility and easy adaptation of the luminaire to various design requirements.

APPLICATION

Ascent Twin LED RGBW floodlights are widely used in landscape, architectural, urban and decorative lighting. They are ideal for illuminating building façades, architectural details, monuments and engineering structures, as well as green spaces, parks and prestigious public spaces.
Thanks to precise colour control and a wide range of available optics (including a 20x40° rectangular optic), they enable the creation of striking lighting compositions, dynamic colour scenes and atmospheric illuminations that emphasise the character and aesthetics of the surroundings.
The luminaires are equipped with DMX control as standard, allowing for full control over lighting parameters, synchronisation with other devices and the creation of advanced, programmable lighting effects.
This is a professional solution designed for projects where light is a key element in spatial design and atmosphere creation.

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TECHNICAL PARAMETERS TABLE

Index:	114946
EAN:	5905963114946
Light source:	LED module
Rated power of the luminaire [W]:	55
Supply voltage [V]:	220-240
Frequency [Hz]:	50
Luminous flux [lm]:	2879
Luminous efficacy [lm/W]:	52
Energy efficiency class:	G
Electrical protection class:	I
Colour temperature [K]:	5500
Color rendering index (Ra) >:	52.7
SDCM:	6
Beam angle [°]:	20x40
Surge protection [kV]:	4
Diffuser material:	glass
Diffuser type:	transparent
Material of the body:	aluminium
Colour of the body:	RAL9005

Dimensions (H/W/T/S) [mm]:	300/200/170
Mounting dimensions [mm]:	160
Impact resistance:	IK08
Ingress protection:	IP66
Mounting version:	surface
Working temperature [°C]:	from -20 to +35
Net weight [kg]:	4
Category type:	floodlights
Version:	H
LED lifespan L70B50 [h]:	80000
LED lifespan L80B10 [h]:	50000
LED lifespan L90B10 [h]:	24000
Light distribution type:	prostokątny
Photobiological safety:	Risk Group 1 (no photobiological hazard under normal behavioral limitation)
Warranty [years]:	5
CE certificate:	122/2026
Manual:	Download PDF
Plik LDT:	Download

Card creation date: 14 October 2026

The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer. * Parameter tolerance is +/- 10%

This product is a subject to electric andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 122/2026

LENA LIGHTING

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