

BRITELINE GEN3



Powerful, modular and dynamic floodlight platform

BRITELINE GEN3 is a high-power floodlighting platform, engineered to redefine large area illumination with unparalleled efficiency, versatility and precision.

Featuring advanced, modular optical technology, it delivers perfect light distribution with optimised uniformity and reduced glare, improving visibility and safety across a wide range of areas – such as indoor and outdoor sports infrastructures, logistics hubs, transport terminals, car parks and ports.

Seamlessly integrating with both local and remote lighting control systems, BRITELINE GEN3 offers real-time adaptability, enabling on-demand lighting adjustments, energy optimisation and streamlined operational management.

Whether you're illuminating a stadium, securing a logistics site or optimising large-scale operations, BRITELINE GEN3 puts total control at your fingertips.

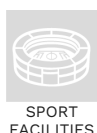
Upgrade your lighting infrastructure with BRITELINE GEN3 and step into the future of high-performance floodlighting.



IP 66

IK 08

IK 10



BRITELINE GEN3 1



BRITELINE GEN3 2



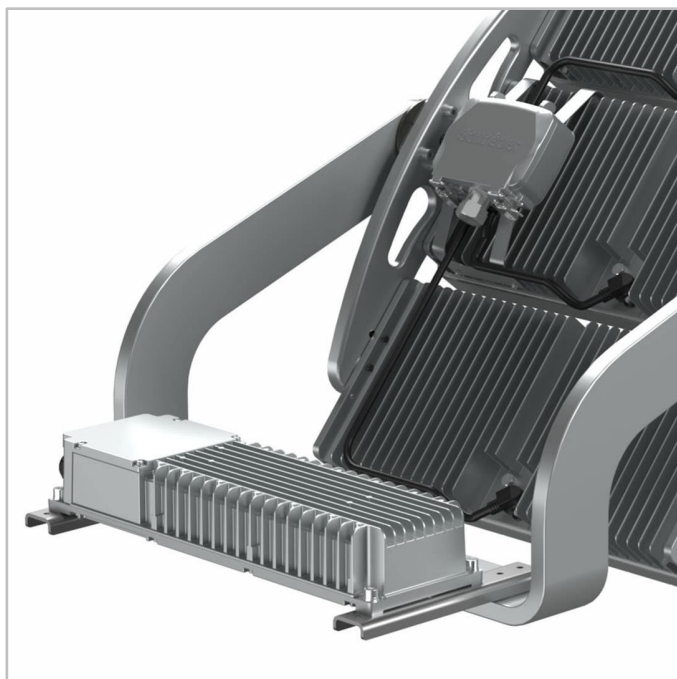
BRITELINE GEN3 3



High-mast mounting fork
(with remote driver)



High-mast mounting fork
(with integrated driver)



GENERAL INFORMATION

Circle Light label	Score ≥ 90 - The product fully meets circular economy requirements
Driver included	Yes
CE mark	Yes
ENEC certified	Yes
ROHS compliant	Yes
RCM mark	Yes
Testing standard	EN 60598-1 EN 60598-2-1 IEC 62262:2002 IEC TR 62778:2014 IEC 62493 EN 60598-2-5

HOUSING AND FINISH

Housing	Aluminium
Optic	Polycarbonate
Protector	Tempered glass Polycarbonate (with integrated lenses)
Housing finish	Polyester powder coating 1500hrs NSS resistance (anodised extruded parts + polyester powder coated die-cast parts)
Tightness level	IP 66
Impact resistance	IK 08, IK 10
Vibration test	Compliant with ANSI C 136-31 standard, 3G load

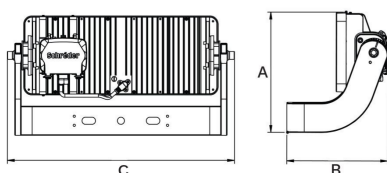
· IK 10 only for the optical unit equipped with a polycarbonate protector

DIMENSIONS AND MOUNTING

AxBxC (mm)	BRITELINE GEN3 1 : 395x362x706 BRITELINE GEN3 2 : 645x395x707 BRITELINE GEN3 3 : 846x415x707
Weight (kg)	BRITELINE GEN3 1 : 12.8-14.4 BRITELINE GEN3 2 : 20.5-23.8 BRITELINE GEN3 3 : 28.3-33.4
Aerodynamic resistance (CxS)	BRITELINE GEN3 1 : 0.067 @ 0°, 0.173 @ 70° tilt BRITELINE GEN3 2 : 0.073 @ 0°, 0.314 @ 70° tilt BRITELINE GEN3 3 : 0.073 @ 0°, 0.447 @ 70° tilt
Mounting possibilities	Bracket enabling adjustable inclination

· For more information about mounting possibilities, please consult the installation sheet.

· Size and weight may be different according to the configuration. Please consult us for more information.



ELECTRICAL INFORMATION

Electrical class	Class I EU
Nominal voltage	200-480VAC – 50-60Hz
Surge protection options (kV)	10
Electromagnetic compatibility (EMC)	EN 55015 / EN 61000-3-2 / EN 61000-3-3 / EN 61547
Control protocol(s)	DALI-2, DMX-RDM
Control options	Remote management
Socket	Zhaga (optional) NEMA 7-pin (optional)
Associated control system(s)	Schröder ITERRA

· NEMA and Zhaga socket optionally available with the ITERRA Basic Box and GEARBLAST KIT

· The product warranty is void if the product is not installed with its dedicated surge protector

OPTICAL INFORMATION

LED colour temperature	4000K (Neutral White NW 740) 5700K (Cool White CW 757) Optional: 3000K (Warm White WW 730) 5700K (Cool White CW 857, 957)
Colour rendering index (CRI)	>70, >80, >90
ULOR	0%
ULR	0%

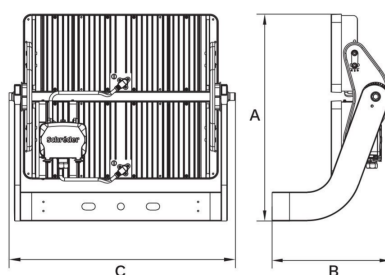
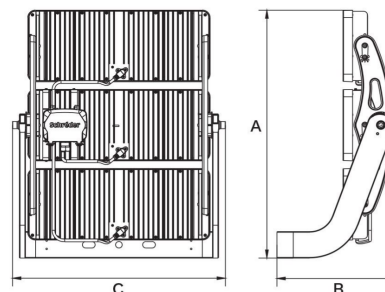
· ULOR may be different according to the configuration. Please consult us.

· ULR may be different according to the configuration. Please consult us.

LIFETIME OF THE LEDS @ TQ 25°C

All configurations	120,000h - L96
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· Lifetime may be different according to the size/configurations. Please consult us





Product Code	Description
CRI 70, CCT 4000K	
BRITELINE GEN3 1: 1 Module Asymmetric Floodlight	
BRTL317405470	BRITELINE G3 1 MOD 620W CRI70 4000K ASY30N 5470 NO GEAR
BRTL317405469	BRITELINE G3 1 MOD 620W CRI70 4000K ASY30M 5469 NO GEAR
BRTL317405472	BRITELINE G3 1 MOD 620W CRI70 4000K ASY55N 5472 NO GEAR
BRTL317405473	BRITELINE G3 1 MOD 620W CRI70 4000K ASY55M 5473 NO GEAR
BRTL317405474	BRITELINE G3 1 MOD 620W CRI70 4000K ASY55VW 5474 NO GEAR
BRITELINE GEN3 2: 2 Module Asymmetric Floodlight	
BRTL327405470	BRITELINE G3 2 MOD 1220W CRI70 4000K ASY30N 5470 NO GEAR
BRTL327405469	BRITELINE G3 2 MOD 1220W CRI70 4000K ASY30M 5469 NO GEAR
BRTL327405472	BRITELINE G3 2 MOD 1220W CRI70 4000K ASY55N 5472 NO GEAR
BRTL327405473	BRITELINE G3 2 MOD 1220W CRI70 4000K ASY55M 5473 NO GEAR
BRTL327405474	BRITELINE G3 2 MOD 1220W CRI70 4000K ASY55VW 5474 NO GEAR
BRITELINE GEN3 3: 3 Module Asymmetric Floodlight	
BRTL337405470	BRITELINE G3 3 MOD 1830W CRI70 4000K ASY30N 5470 NO GEAR
BRTL337405469	BRITELINE G3 3 MOD 1830W CRI70 4000K ASY30M 5469 NO GEAR
BRTL337405472	BRITELINE G3 3 MOD 1830W CRI70 4000K ASY55N 5472 NO GEAR
BRTL337405473	BRITELINE G3 3 MOD 1830W CRI70 4000K ASY55M 5473 NO GEAR
BRTL337405474	BRITELINE G3 3 MOD 1830W CRI70 4000K ASY55VW 5474 NO GEAR



Product Code	Description
CRI 70, CCT 5700K	
BRITELINE GEN3 1: 1 Module Asymmetric Floodlight	
BRTL317575470	BRITELINE G3 1 MOD 620W CRI70 5700K ASY30N 5470 NO GEAR
BRTL317575469	BRITELINE G3 1 MOD 620W CRI70 5700K ASY30M 5469 NO GEAR
BRTL317575472	BRITELINE G3 1 MOD 620W CRI70 5700K ASY55N 5472 NO GEAR
BRTL317575473	BRITELINE G3 1 MOD 620W CRI70 5700K ASY55M 5473 NO GEAR
BRTL317575474	BRITELINE G3 1 MOD 620W CRI70 5700K ASY55VW 5474 NO GEAR
BRITELINE GEN3 2: 2 Module Asymmetric Floodlight	
BRTL327575470	BRITELINE G3 2 MOD 1220W CRI70 5700K ASY30N 5470 NO GEAR
BRTL327575469	BRITELINE G3 2 MOD 1220W CRI70 5700K ASY30M 5469 NO GEAR
BRTL327575472	BRITELINE G3 2 MOD 1220W CRI70 5700K ASY55N 5472 NO GEAR
BRTL327575473	BRITELINE G3 2 MOD 1220W CRI70 5700K ASY55M 5473 NO GEAR
BRTL327575474	BRITELINE G3 2 MOD 1220W CRI70 5700K ASY55VW 5474 NO GEAR
BRITELINE GEN3 3: 3 Module Asymmetric Floodlight	
BRTL337575470	BRITELINE G3 3 MOD 1830W CRI70 5700K ASY30N 5470 NO GEAR
BRTL337575469	BRITELINE G3 3 MOD 1830W CRI70 5700K ASY30M 5469 NO GEAR
BRTL337575472	BRITELINE G3 3 MOD 1830W CRI70 5700K ASY55N 5472 NO GEAR
BRTL337575473	BRITELINE G3 3 MOD 1830W CRI70 5700K ASY55M 5473 NO GEAR
BRTL337575474	BRITELINE G3 3 MOD 1830W CRI70 5700K ASY55VW 5474 NO GEAR



Product Code	Description
CRI 80/90, CCT 5700K	
BRITELINE GEN3 2: 2 Module Symmetric Floodlight	
BRTL328575468	BRITELINE G3 2 MOD 1220W CRI80 5700K SY8 5468 NO GEAR
BRTL328577218	BRITELINE G3 2 MOD 1220W CRI80 5700K SY15 7218 NO GEAR
BRTL328577219	BRITELINE G3 2 MOD 1220W CRI80 5700K SY30 7219 NO GEAR
BRTL329575468	BRITELINE G3 2 MOD 1220W CRI90 5700K SY8 5468 NO GEAR
BRTL329577218	BRITELINE G3 2 MOD 1220W CRI90 5700K SY15 7218 NO GEAR
BRTL329577219	BRITELINE G3 2 MOD 1220W CRI90 5700K SY30 7219 NO GEAR
BRITELINE GEN3 3: 3 Module Symmetric Floodlight - Remote Driver	
BRTL338575468	BRITELINE G3 3 MOD 1830W CRI80 5700K SY8 5468 NO GEAR
BRTL338577218	BRITELINE G3 3 MOD 1830W CRI80 5700K SY15 7218 NO GEAR
BRTL338577219	BRITELINE G3 3 MOD 1830W CRI80 5700K SY30 7219 NO GEAR
BRTL339575468	BRITELINE G3 3 MOD 1830W CRI90 5700K SY8 5468 NO GEAR
BRTL339577218	BRITELINE G3 3 MOD 1830W CRI90 5700K SY15 7218 NO GEAR
BRTL339577219	BRITELINE G3 3 MOD 1830W CRI90 5700K SY30 7219 NO GEAR
CONTROL GEAR FOR BRITELINE GEN3 1	
NFS-600S210BCA	DRIVER 600W 240V-415VAC 1800MA 176-500VDC DALI2 IP66 BRITEL31
NFS-600S210BCB	DRIVER 600W 240V-415VAC 1800MA 176-500VDC DMX IP66 BRITEL31
CONTROL GEAR FOR BRITELINE GEN3 2	
NFS-1K2D210BCA	DRIVER 1200W 240V-415VAC 1800MA 176-500VDC DALI2 IP66 BRITEL32
NFS-1K2D210BCB	DRIVER 1200W 240V-415VAC 1800MA 176-500VDC DMX IP66 BRITEL32
CONTROL GEAR FOR BRITELINE GEN3 3	
NFS-1K8T210BCA	DRIVER 1800W 240V-415VAC 1800MA 176-500VDC DALI2 IP66 BRITEL33
NFS-1K8T210BCB	DRIVER 1800W 240V-415VAC 1800MA 176-500VDC DMX IP66 BRITEL33
ACCESSORIES	
04-07-138	BRITEL3 DRIVER HOLDER KIT