

Colosseum

High power aluminium floodlights

A high-power (up to 2000W) floodlight in die-cast aluminium treated with trivalent passivation and painted with polyester powders. Colosseum comes with a selection of optics: symmetrical diffused, symmetrical restricted and asymmetrical. In addition, it is fitted with an anti-condensation device made of Gore-Tex to compensate the internal pressure.



Technical characteristics page 116

COLOSSEUM



SYMMETRICAL DIFFUSED OPTICS



GW 84 647

WIRED VERSIONS - IP66 - CLASS I



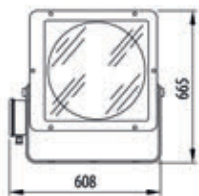
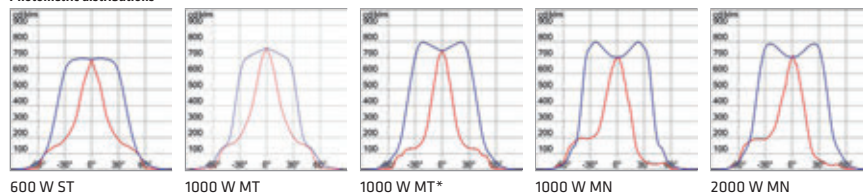
Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
GW 84 646	600 W	ST	E40	6.2 A	Graphite grey	16	1
GW 84 647	1000 W	MT/ST	E40	9.5-10.3 A	Graphite grey	16	1
GW 84 648	1000 W	MT*	E40	8.25 A	Graphite grey	15.7	1
GW 84 649	1000 W	MN	X528/CABLE	9.5 A	Graphite grey	16.4	1
GW 84 644	2000 W	MN	X528/CABLE	10.3 A	Graphite grey	16.4	1

* Lamp with striking voltage of 0.7 + 1kV.

ACCESSORIES SUPPLIED: ignitor.

NOTES: to be used with the relative supply unit. GW84649 and GW84644 suitable for long-arc HID lamp.

Photometric distributions



GW 84 693

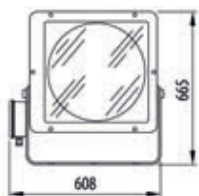
UNWIRED VERSION



Code	Max lamp power	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 84 693	1000 W	E40	Graphite grey	15.6	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate.

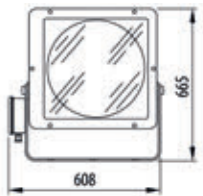
Electrical components: lampholder with cables, terminal block. The devices are supplied with standard service items.



ASYMMETRICAL DIFFUSED OPTICS



GW 84 659



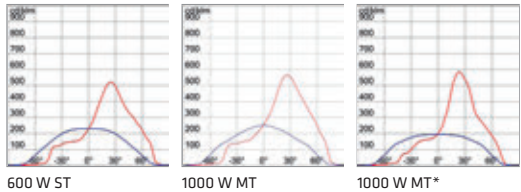
WIRED VERSIONS - IP66 - CLASS I



Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
GW 84 658	600 W	ST	E40	6.2 A	Graphite grey	16	1
GW 84 659	1000 W	MT/ST	E40	9.5-10.3 A	Graphite grey	16	1
GW 84 660	1000 W	MT*	E40	8.25 A	Graphite grey	15.7	1

* Lamp with striking voltage of 0.7 ÷ 1kV.
ACCESSORIES SUPPLIED: ignitor.
NOTES: to be used with the relative supply unit.

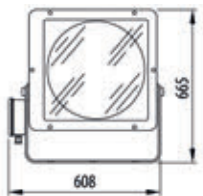
Photometric distributions



600 W ST 1000 W MT 1000 W MT*



GW 84 694



UNWIRED VERSION



Code	Max lamp power	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 84 694	1000 W	E40	Graphite grey	15.6	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate.
 Electrical components: lampholder with cables, terminal block. The devices are supplied with standard service items.

Colosseum

SYMMETRICAL RESTRICTED BEAM OPTICS



GW 84 747

WIRED VERSIONS - IP66 - CLASS I



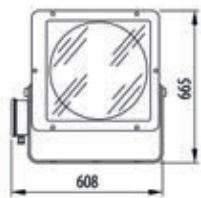
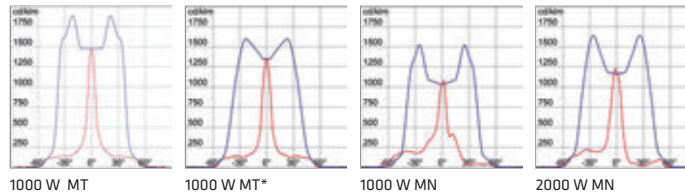
Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
GW 84 747	1000 W	MT/ST	E40	9.5-10.3 A	Graphite grey	16	1
GW 84 748	1000 W	MT*	E40	8.25 A	Graphite grey	15.7	1
GW 84 749	1000 W	MN	X528/CABLE	9.5 A	Graphite grey	16.4	1
GW 84 744	2000 W	MN	X528/CABLE	10.3 A	Graphite grey	16.4	1

* Lamp with striking voltage of 0.7 ÷ 1kV.

ACCESSORIES SUPPLIED: ignitor.

NOTES: to be used with the relative supply unit. GW84749 and GW84744 suitable for long- arc HID lamp.

Photometric distributions



GW 84 695

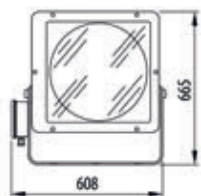
UNWIRED VERSION



Code	Max lamp power	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 84 695	1000 W	E40	Graphite grey	15.6	1

ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate.

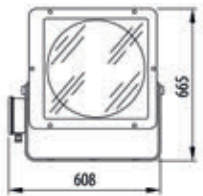
Electrical components: lampholder with cables, terminal block. The devices are supplied with standard service items.



ASYMMETRICAL RESTRICTED BEAM OPTICS



GW 84 759



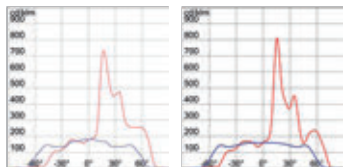
WIRED VERSIONS - IP66 - CLASS I



Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
GW 84 759	1000 W	MT/ST	E40	9.5-10.3 A	Graphite grey	16	1
GW 84 760	1000 W	MT*	E40	8.25 A	Graphite grey	15.7	1

* Lamp with striking voltage of 0.7 ÷ 1kV.
ACCESSORIES SUPPLIED: ignitor.
NOTES: to be used with the relative supply unit.

Photometric distributions

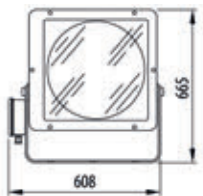


1000 W MT

1000 W MT*



GW 84 696



UNWIRED VERSION



Code	Max lamp power	Lamp holder	Colour	Weight (kg)	Pack Carton
GW 84 696	1000 W	E40	Graphite grey	15.6	1

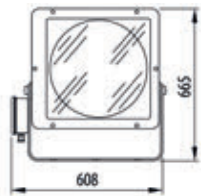
ACCESSORIES SUPPLIED: structural components: reflector, accessory-holding plate.
 Electrical components: lampholder with cables, terminal block. The devices are supplied with standard service items.

Colosseum

CIRCULAR OPTICS



GW 84 657



WIRED VERSIONS - IP66 - CLASS I

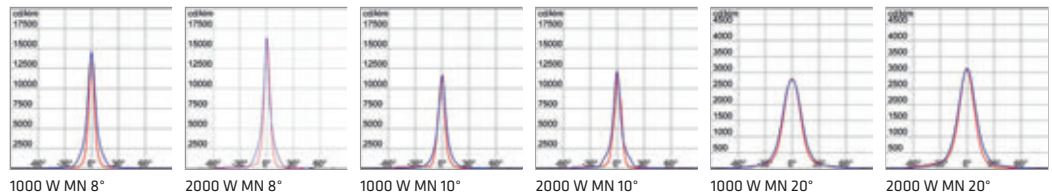


Code	Lamp power	Lamp	Lamp holder	Lamp current	Colour	Weight (kg)	Pack Carton
Beam: Restricted - 8°							
GW 84 656	1000 W	MN	K12s/Cable	9.6 A	Graphite grey	16	1
GW 84 657	2000 W	MN	K12s/Cable	11.3 A	Graphite grey	16	1
Beam: Medium - 10°							
GW 84 754	1000 W	MN	K12s/Cable	9.6 A	Graphite grey	16	1
GW 84 755	2000 W	MN	K12s/Cable	11.3 A	Graphite grey	16	1
Beam: Diffused - 20°							
GW 84 756	1000 W	MN	K12s/Cable	9.6 A	Graphite grey	16	1
GW 84 757	2000 W	MN	K12s/Cable	11.3 A	Graphite grey	16	1

ACCESSORIES SUPPLIED: ignitor.

NOTES: to be used with the relative supply unit. To be used for angles between 0 and 120°. Versions for short-arc discharge lamps.

Photometric distributions



COMPLEMENTARY ITEMS



GW 84 611

SUPPLY UNIT - IP66 - CLASS I

Code	Lamp power	Lamp	Lamp current	Voltage	Weight (kg)	Pack Carton
GW 84 611	600 W	ST	6.2 A	230 V - 50 Hz	10.6	1
GW 84 612	600 W	ST	6.2 A	240 V - 50 Hz	10.6	1
GW 84 613	600 W	ST	6.2 A	220 V - 60 Hz	10.6	1
GW 84 616	1000 W	MT/MN/ST	9.5-10.3 A	230 V - 50 Hz	13.7	1
GW 84 617	1000 W	MT/MN/ST	9.5-10.3 A	240 V - 50 Hz	13.7	1
GW 84 618	1000 W	MT/MN/ST	9.5-10.3 A	220 V - 60 Hz	13.7	1
GW 84 627	1000 W	MT	8.25 A	230 V - 50 Hz	11	1
GW 84 628	1000 W	MT	8.25 A	240 V - 50 Hz	11	1
GW 84 629	1000 W	MT	8.25 A	220 V - 60 Hz	11	1
GW 84 621	2000 W	MT/MN	9.8-11.3 A	400 V - 50 Hz	18.5	1
GW 84 622	2000 W	MT/MN	9.8-11.3 A	415 V - 50 Hz	18.5	1
GW 84 623	2000 W	MT/MN	9.8-11.3 A	380 V - 60 Hz	18.5	1



GW 84 626

UNWIRED SUPPLY UNIT - IP66

Code	Description	Weight (kg)	Pack Carton
GW 84 626	Unwired box	4.2	1

NOTES: the unwired box is supplied with accessory-holding plate and standard service items.



GW 84 639

SUPPLY UNIT - IP20 - CLASS I

Code	Lamp power	Lamp	Lamp current	Voltage	Weight (kg)	Pack Carton
GW 84 636	600 W	ST	6.2 A	230 V - 50 Hz	8.4	1
GW 84 637	1000 W	MT/MN/ST	9.5-10.3 A	230 V - 50 Hz	11.5	1
GW 84 638	1000 W	MT	8.25 A	230 V - 50 Hz	8.8	1
GW 84 639	2000 W	MT/MN	9.8-11.3 A	400 V - 50 Hz	16.3	1

Colosseum

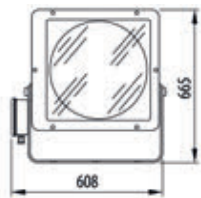
HOT RE-STRIKE



CIRCULAR OPTICS



GW 84 761



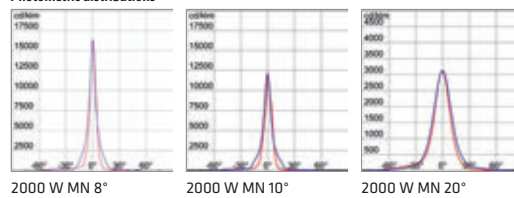
WIRED VERSIONS - HOT RE-STRIKE - IP66 - CLASS I



Code	Lamp power	Lamp	Lamp holder	Lamp current	Beam	Colour	Weight (kg)	Pack Carton
GW 84 761	2000 W	MN	K12s/Cable	11.3 A	Restricted - 8°	Graphite grey	16.5	1
GW 84 766	2000 W	MN	K12s/Cable	11.3 A	Medium - 10°	Graphite grey	16.5	1
GW 84 771	2000 W	MN	K12s/Cable	11.3 A	Diffused - 20°	Graphite grey	16.5	1

NOTES: to be used with the relative supply unit. To be used for angles between 0 and 120°. Versions for short-arc discharge lamps.

Photometric distributions



2000 W MN 8°

2000 W MN 10°

2000 W MN 20°

COMPLEMENTARY ITEMS



GW 84 624

SUPPLY UNIT - IP66 - CLASS I



Code	Lamp power	Lamp	Lamp current	Voltage	Weight (kg)	Pack Carton
GW 84 624	2000 W	MN	11.3 A	380 / 415 V - 50 Hz	25.2	1

NOTES: power supply unit supplied with a 5m high voltage cable.

COLOSSEUM RANGE COMMON ARTICLES



COMPLEMENTARY ITEMS



GW 84 781

OPTICAL COMPONENTS

Code	Description	Colour	Weight (kg)	Pack Carton
GW 84 781	Visor	Matt black	4.1	1



GW 84 783

OPTIC AIMING DEVICE

Code	Material	Pack Carton
GW 84 783	Galvanised steel	1



GW 88 261

SPARE PARTS

Code	Description	Dimensions (mm)	Weight (kg)	Pack Carton
GW 88 261	Tempered transparent glass	468x439x4	2.1	1/2
GW 88 285	Tempered diffused glass	468x439x4	2.1	1/2

GW88285: spare part for diffused beam floodlights GW84756, GW84757 and GW84771.

Colosseum



SEPARATE OPENINGS



The front or rear opening, adjusted with unlosable stainless steel screws, makes it possible not to change the pointing of the device during maintenance operations.

BREATHER DEVICE



The goniometer incorporates a special breather mechanism that lets the floodlight compensate the internal pressure and therefore prevents condensation build-up.


HOT RESTRIKE



The hot re-ignition version of COLOSSEUM consists of a special supply unit and a dedicated floodlight to guarantee the hot re-ignition of the 2000W metal halides discharge lamp.

Technical characteristics

INSTALLATION	External
COLOUR	Graphite grey
MATERIALS	
Body	Die-cast aluminium EN AB 46100
Reflector	Polished aluminium 99.85%
Shield	Flat glass 4 mm
Bracket	Painted galvanised steel

DEGREE OF PROTECTION	IP66
IMPACT RESISTANCE	IK09
INSULATION CLASS	I
MARKS	CE  DIN18032-3

Technical solutions

Project: 11-a-side football pitch



Length [m]	105
Width [m]	65
Activity	SPORT - 11-a-side football
Class	EN 12193
Eave [lx]	75
Emin/Eave	0.5
Luminaire	GW84757 COLOSSEUM Traditional wiring 2000 W MN cable - 20°
Number of poles	4
Pole height	25
Number of floodlights	8
Number of floodlights per pole	2
Eave [lx]	108
Emin/Eave	0.55