EUROPE RANGE
PC and Fresnel Spotlights
for 1000 / 1200 / 2000 W Halogen Lamps

The EUROPE range of professional spotlights is designed around high level optics which maximize the light efficiency and provide an exceptionally high quality of light. Comparative tests will particularly highlight these parameters.

A front cassette allows one-hand insertion of a colour frame and any DIN 15560 accessory.

These spotlights are rebalanceable in any position by sliding the yoke along 2 slots provided over the full length of the unit.

The yoke can be adjusted to a low or high position, a useful facility when space is limited. The tiltlock mechanism is easy and comfortable.

Professional mechanical design, rugged and modular construction from injected and extruded aluminium, anti-corrosion treatment of all metal components and high quality finish guarantee reliable operation over a very long lifetime. In addition to meeting current international safety standards, these spotlights provide several additional features which make them very safe to operate.

Options : pole operation and motorisation.

SPECIFICATIONS

HOUSING
- The housing is fitted with sliding lids for easy access to the lens and the lamp.
- A front cassette, designed for preventing light spill, provides 2 sets of runners for insertion of DIN 15560 accessories. It can be easily removed and rotated in any position at 90°.
- Front and back-end plates of injected aluminium.
- Main body of extruded aluminium sections.
- The back-end plate is fitted with a strong grab handle and CEE 22 power connector.
- Overall finish in non-reflective, heat and wear resisting black paint.
- Ventilation / heat sinks designed to avoid light spill.

POSITIONING MECHANISM
- A strong steel yoke and effective clamping mechanism provide considerable resistance to unwanted movement and vibrations. The yoke can be moved along the full length of the unit to allow spotlight balance in any position.
- Effective clamping of the yoke by means of a strong handle.
- 2 sets of holes in the yoke arms to allow high or low positioning of the spotlight.
- 5 holes in the transverse arm of the yoke for fixing on a hook clamp or a DIN 15560 plate.

OPTICAL SYSTEM
- Spherical reflector of pure, polished, anodised aluminium.
- Knob for Flood / Spot adjustment.
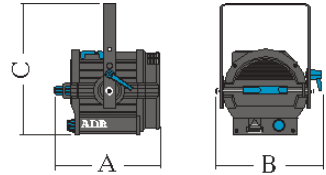- Lenses: see inside.

ELECTROMECHANICAL COMPONENTS
- 2 m silicone power supply cable (2 x 1.5 + 1.5 mm²) with CEE 22 female connector on the luminaire side.
- 1 kW : GX9.5 lampholder (adjustable) for 220/240 V, 1000 or 1200 W tungsten halogen lamp with respectively 55 and 67 mm light centre length (LCL).
- 2 kW : GY16 lampholder for 220/240 V, 2000 W tungsten halogen lamp with 70 mm light centre length (LCL).

SAFETY / RELIABILITY
- This equipment complies with all applicable European directives and carries a CE mark.
- A safety mechanism prevents access to the lamp without first disconnecting the power cable.
- The power connector is secured by a stirrup.
- The spotlight does not present any sharp edge.
- An anchorage ring is provided for safety bond.
- Spring lock mechanisms prevent accidental drop-out of accessories.
- A safety grid is integrated in the front cassette.
- All handles and control knobs are heat insulated.
- All metal parts are protected against corrosion.

EUROPE
1000 /1200 W PC & Fresnel Spotlights

C101   10° - 65°   Plano-Convex

This spotlight, based on high efficiency optics, produces a sharp-edged beam. It can be used for top, front or side lighting. Field angle adjustable from 10° to 65° (7.5° - 60° beam angle).

1200 W / 30,000 lm

Min. Angle : 10°

Max. Angle : 65°

Distance	(m)	8	9	10	11	12	14	16
Ø Beam	(m)	1.4	1.6	1.8	1.9	2.1	2.5	2.8
Light Level	(lux)	1613	1274	1032	853	717	527	403
Ø Beam	(m)	10.2	11.5	12.7	14.0	15.3	17.8	20.4
Light Level	(lux)	130	102	83	69	58	42	32

with :
- Ø 150 mm plano-convex lens (RC 150 mm)
- glass diffuser
- GX 9.5 lampholder
- 2 m power supply cable (2 x 1.5 + 1.5 mm²) without plug
- integrated safety grid
- 1 metal filter frame (185 x 185 mm)

Dimensions
(A x B x C)   :   480 x 340 x 420 mm
Net weight   :   8 kg
Packing   :   510 x 370 x 330 mm
Gross weight   :   9.1 kg
18 units per pallet

C103   7° - 61°   Prism-Convex

This spotlight, based on high efficiency optics, produces a semi-sharp-edged beam. It can be used for top, front or side lighting. Field angle adjustable from 7° to 61° (3.5°- 55° beam angle).

1200 W / 30,000 lm

Min. Angle : 7°

Max. Angle : 61°

Distance	(m)	6	8	10	12	14	16	18
Ø Beam	(m)	0.7	1.0	1.2	1.5	1.7	2.0	2.2
Light Level	(lux)	10000	5625	3600	2500	1837	1406	1111
Ø Beam	(m)	7.1	9.4	11.8	14.1	16.5	18.9	21.2
Light Level	(lux)	333	188	120	83	61	47	37

with :
- Ø 150 mm prism-convex lens
- GX 9.5 lampholder
- 2 m power supply cable (2 x 1.5 + 1.5 mm²) without plug
- integrated safety grid
- 1 metal filter frame (185 x 185 mm)

Dimensions
(A x B x C)   :   480 x 340 x 420 mm
Net weight   :   9.6 kg
Packing   :   510 x 370 x 330 mm
Gross weight   :   11 kg
18 units per pallet

F101   13° - 59°   Fresnel

This spotlight, based on high efficiency optics, produces a soft-edged beam. It can be used on large stages or for studio lighting. Field angle adjustable from 13° to 59° (7.5°- 52° beam angle).

1200 W / 30,000 lm

Min. Angle : 13°

Max. Angle : 59°

Distance	(m)	8	10	12	14	16	18	20
Ø Beam	(m)	1.8	2.3	2.7	3.2	3.7	4.1	4.6
Light Level	(lux)	2844	1820	1264	929	711	562	455
Ø Beam	(m)	9.0	11.3	13.6	15.8	18.1	20.4	22.6
Light Level	(lux)	266	170	118	87	66	52	43

with :
- Ø 150 mm Fresnel lens
- GX 9.5 lampholder
- 2 m power supply cable (2 x 1.5 + 1.5 mm²) without plug
- integrated safety grid
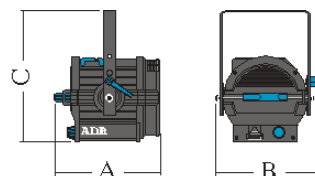- 1 metal filter frame (185 x 185 mm)

Dimensions
(A x B x C)   :   340 x 340 x 420 mm
Net weight   :   6 kg
Packing   :   420 x 380 x 330 mm
Gross weight   :   7.1 kg
18 units per pallet

ADB

EUROPE
2000 W PC & Fresnel Spotlights

PHOTOMETRIC DATA

C201   5° - 65°   Plano-Convex

This spotlight, based on high efficiency optics, produces a sharp-edged beam. It can be used for top, front or side lighting. Field angle adjustable from 5° to 65° (3,5° - 61° beam angle).

2000 W / 52,000 lm

Min. Angle : 5°

Max. Angle : 65°

Distance	(m)	6	8	10	12	14	16	18
Ø Beam	(m)	0.5	0.7	0.9	1.0	1.2	1.4	1.6
Light Level	(lux)	19444	10938	7000	4861	3571	2734	2160
Ø Beam	(m)	7.6	10.2	12.7	15.3	17.8	20.4	23.0
Light Level	(lux)	500	281	180	125	92	70	56

with :
- Ø 200 mm PC lens
- GY16 lampholder
- 2 m power supply cable (2 x 1.5 + 1.5 mm2) without plug
- integrated safety grid
- 1 metal filter frame (245 x 245 mm)

Dimensions
(A x B x C)   :   545 x 400 x 510 mm
Net weight   :   12.6 kg
Packing   :   630 x 450 x 400 mm
Gross weight   :   14.4 kg
12 units per pallet

C203   8° - 58°   Prism-Convex

This spotlight, based on high efficiency optics, produces a semi-sharp-edged beam. It can be used for top, front or side lighting. Field angle adjustable from 8° to 58°   (4.5° - 54° beam angle).

2000 W / 52,000 lm

Min. Angle : 8°

Max. Angle : 58°

Distance	(m)	6	8	10	12	14	16	18
Ø Beam	(m)	0.8	1.1	1.4	1.7	2.0	2.2	2.5
Light Level	(lux)	12222	6875	4400	3056	2245	1719	1358
Ø Beam	(m)	6.7	8.9	11.1	13.3	15.5	17.7	20.0
Light Level	(lux)	578	325	208	144	106	81	64

with :
- Ø 200 mm prism-convex lens
- GY16 lampholder
- 2 m power supply cable (2 x 1.5 + 1.5 mm2) without plug
- integrated safety grid
- 1 metal filter frame (245 x 245 mm)

Dimensions
(A x B x C)   :   545 x 400 x 510 mm
Net weight   :   12.6 kg
Packing   :   630 x 450 x 400 mm
Gross weight   :   14.4 kg
12 units per pallet

F201   12° - 61°   Fresnel

This spotlight, based on high efficiency optics, produces a soft-edged beam. It can be used on large stages or for studio lighting. Field angle adjustable from 12° to 61° (6.5° - 55° beam angle).

2000 W / 52,000 lm

Min. Angle : 12°

Max. Angle : 61°

Distance	(m)	8	10	12	14	16	18	20
Ø Beam	(m)	1.7	2.1	2.5	2.9	3.4	3.8	4.2
Light Level	(lux)	4375	2800	1944	1429	1094	864	700
Ø Beam	(m)	9.4	11.8	14.1	16.5	18.9	21.2	23.6
Light Level	(lux)	430	275	191	140	107	85	69

with :
- Ø 200 mm Fresnel lens
- GY16 lampholder
- 2 m power supply cable (2 x 1.5 + 1.5 mm2) without plug
- integrated safety grid
- 1 metal filter frame (245 x 245 mm)

Dimensions
(A x B x C)   :   425 x 400 x 510 mm
Net weight   :   9.6 kg
Packing   :   510 x 440 x 390 mm
Gross weight   :   11.4 kg
18 units per pallet

ADB

EUROPE

1000 / 1200 / 2000 W PC & Fresnel Spotlights

Accessories (specific data sheet available)	C 101	C 103	F 101	C 201	C 203	F 201	References
Metal filter frame (185 x 185 mm)	•	•	•				PFM/185
Metal filter frame (245 x 245 mm)				•	•	•	PFM/245
Rotatable 4-leaf barndoor with safety cable	•	•	•				CFN/185
Rotatable 4-leaf barndoor with safety cable				•	•	•	CFN/245
0.75 m safety cable for CFN/185 and CFN/245 barndoors	•	•	•	•	•	•	CAS/CF/75
Hook clamp for Ø 35 to Ø 50 mm tubes	•	•	•	•	•	•	A20
Hook clamp for Ø 35 à Ø 50 mm tubes	•	•	•	•	•	•	A25
Hook clamp for Ø 45 à Ø 60 mm tubes	•	•	•	•	•	•	A30
1.2 m spotlight safety cable	•	•	•	•	•	•	CAS 120/N
DIN spigot	•	•	•	•	•	•	PIVOT DIN
DIN spigot adapter	•	•	•	•	•	•	DOUILLE DIN

Spare Parts	C 101	C 103	F 101	C 201	C 203	F 201	References
2 m cable (2 x 1.5 + 1.5 mm²) without male plug	•	•	•	•	•	•	C. EUROPE
CEE 22 female plug	•	•	•	•	•	•	CEE22/PLUG
GX9.5 lampholder kit	•	•	•				KIT/GX9,5/C1/F1
GY 16 lampholder kit				•	•		KIT/GY16/C2/F2
Glass diffuser 85 x 85 mm	•						VD/C101
Ø 150 mm Fresnel lens			•				F150/F100
Ø 200 mm Fresnel lens						•	F200/F150
Ø 150 mm Prism convex lens		•					PC150/PEBBLE
Ø 200 mm Prism convex lens					•		PC200/PEBBLE
Ø 150 mm Plano-convex lens	•						PC150/RC150
Ø 200 mm Plano-convex lens				•			PC200/RC178
Rotatable 4-leaf barndoor with safety cable (for old cassette)	•	•	•				CF/185
Rotatable 4-leaf barndoor with safety cable (for old cassette)				•	•	•	CF/245
Safety grid (185 x 185 mm)	•	•	•				GR/185
Safety grid (245 x 245 mm)				•	•	•	GR/245
Light beam cone (for old cassette)	•	•	•				CL1
Light beam cone (for old cassette)				•	•	•	CL2