

Studio Equipment



SYSTEC S.A.

advance by innovation

300W Studio, 80mm lens

Luminaires

Order Code	Description
S302H	Set Director Classic 300W Studio M.O. Tungsten Fresnel fixture 300W 230V, manual stirrup with 16mm spigot, 80mm lens, lamp socket GY9.5. Incl. 2m cable with in - line switch and Schuko plug, without bulb. Complete with 4-leaf barndoor D1 and gelframe 1
S302HM	Set Director Classic 300W Studio P.O. Tungsten Fresnel fixture 300W 230V, pole operated stirrup with 16mm spigot, 80mm lens, lamp socket GY9.5. Incl. 2m cable with in - line switch and Schuko plug, without bulb. Complete with 4-leaf barndoor D1 and gelframe 1

Components

Order Code	Description
STD100	Barndoor D1 rotatable 4-leaf barndoor for Director 300H/HM
STF100	Gelframe 1 for Director 300H
STS110	Scrims-Set 100 Set of 4 scrims Ø 135mm for Director 300H/HM
L302H	Tungsten bulb 300W 230V base GY9.5, LIF Code CP81, LCL 46.5mm



Barndoor



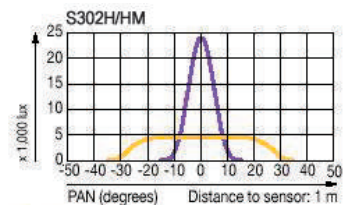
Outrigger



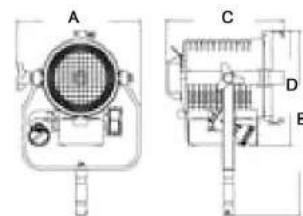
Scrims Set



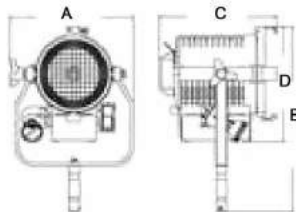
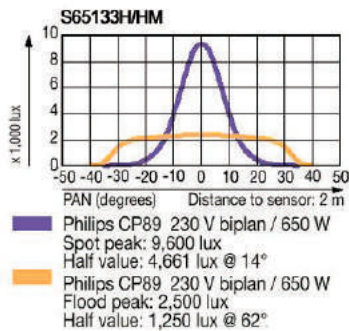
Gelframe



■ Sylvania CP81 230 V / 300 W
 Spot peak: 24,300 lux
 Half value: 12,150 lux @ 10°
■ Sylvania CP81 230 V / 300 W
 Flood peak: 4,600 lux
 Half value: 2,300 lux @ 56°



Order code				
Luminaire (M.O.)	S302H			
Luminaire (P.O.)	S302HM			
Lens diameter	80 mm			
Filter diameter	135 mm			
Half peak angle	9°–53°			
Lamp base/LCL	GY9.5/46.5 mm			
Max. power	300 W Inline			
On/Off	switch			
Weight				
manually operated	2.5 kg			
pole operated	4.6 kg			
Mount attachment	16 mm spigot			
Cable length (M.O./P.O.)	2 m/2 m			
Photometric data	Spot		Flood	
Distance	Lux	ø m	Lux	ø m
3 m	2,222	0.95	444	7.96
5 m	800	1.58	160	13.27
7 m	408	2.22	82	18.58
10 m	200	3.17	40	26.54
Dimensions (mm)				
A	201			
B	251			
C	213			
D	183			



Order code		
Luminaire (M.O.)	S65133H	
Luminaire (P.O.)	S65133HM	
Lens diameter	130 mm	
Filter diameter	198 mm	
Half peak angle	10°–54°	
Lamp base/LCL	GY9.5/46 mm	
Max. power	650 W	
On/Off	Inline switch (M.O.)	
Weight		
manually operated	4.4 kg	
pole operated	6.4 kg	
Mount attachment	16 mm spigot	
Cable length (M.O./P.O.)	2 m/2 m	
Photometric data		
	Spot	Flood
Distance	Lux ø m	Lux ø m
3 m	6,944 1.06	917 8.26
5 m	2,500 1.76	330 13.76
7 m	1,276 2.47	168 19.27
10 m	625 3.53	83 27.53
Dimensions (mm)		
A	304	
B	461	
C	299	
D	267	

650W Studio, 130mm lens

Luminaires

Order Code	Description
S65133H	Set Director Classic 650W Studio M.O. Tungsten Fresnel fixture 650W 230V, manual stirrup with 28mm spigot, 130mm lens, lamp socket GY9.5. Incl. safety mesh, 2m cable with Schuko plug, without bulb. Complete with 4-leaf barndoor D2 and gelframe 2
S65133HM	Set Director Classic 650W Studio P.O. Tungsten Fresnel fixture 650W 230V, pole operated stirrup with 28mm spigot, 130mm lens, lamp socket GY9.5. Incl. safety mesh, 2m cable with Schuko plug, without bulb. Complete with 4-leaf barndoor D2 and gelframe 2

Components

Order Code	Description
STD200	Barndoor D2 rotatable 4-leaf barndoor for Director 650H/HM 1013H/HM Compact
STF200	Gelframe 2 for Director 650H/HM 1013H/HM Compact
STO300	Outrigger 3 to be mounted on barndoor D2 or D3
STS210	Scrims-Set 200 Set of 4 scrims Ø 195mm for Director 650H/HM 1013H/HM Compact
L652H	Tungsten bulb 650W 230V base GY9.5, LIF Code CP89, LCL 46.5mm
L502H	Tungsten bulb 500W 230V base GY9,5, LIF Code CP82, LCL 46.5mm



Barndoor



Outrigger



Scrims Set



Gelframe

1000W Compact, 130mm lens

Luminaires

Order Code	Description
S10133H	Set Director Classic 1000W Compact M.O. Tungsten Fresnel fixture 1kW 230V, manual stirrup with 28mm spigot, 130mm lens, lamp socket G22. Incl. safety mesh, switch, 2m cable with Schuko plug, without bulb. Complete with 4-leaf barndoor D2 and gelframe 2
S10133HM	Set Director Classic 1000W Compact P.O. Tungsten Fresnel fixture 1kW 230V, pole operated stirrup with 28mm spigot, 130mm lens, lamp socket G22, safety mesh, switch, 2m cable with Schuko plug, without bulb. Complete with 4-leaf barndoor D2 and gelframe 2

Components

Order Code	Description
STD200	Barndoor D2 rotatable 4-leaf barndoor for Director 650H/HM 1013H/HM Compact
STF200	Gelframe 2 for Director 650H/HM 1013H/HM Compact
STO300	Outrigger 3 to be mounted on barndoor D2 or D3
STS210	Scrims-Set 200 Set of 4 scrims Ø 195mm for Director 650H/HM 1013H/HM Compact
L1222H	Tungsten bulb 1kW 230V base G22, LIF Code CP71, LCL 63,5mm
L6223H	Tungsten bulb 650W 230V base G22, LIF Code CP39, LCL 63,5mm



Barndoor



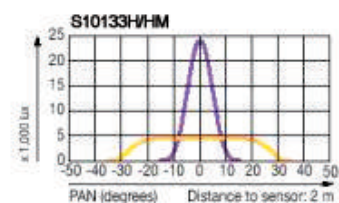
Outrigger



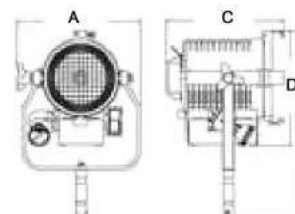
Scrims Set



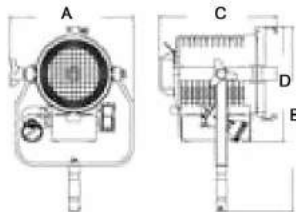
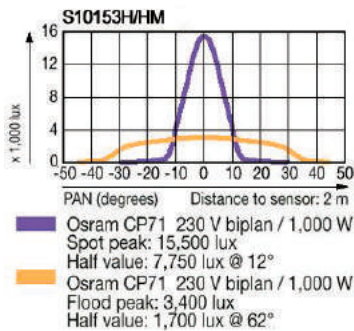
Gelframe



■ Philips 6995Z, 230 V biplan / 1,000 W
 Spot peak: 9,600 lux
 Half value: 4,800 lux @ 14°
■ Philips 6995Z, 230 V biplan / 1,000 W
 Flood peak: 2,500 lux
 Half value: 1,250 lux @ 62°



Order code		
Luminaire (M.O.)	S10133H	
Luminaire (P.O.)	S10133HM	
Lens diameter	130 mm	
Filter diameter	198 mm	
Half peak angle	14°-62°	
Lamp base/LCL	G22/63.5 mm	
Max. power	1,000 W	
On/Off	Inline switch (M.O.)	
Weight		
manually operated	4.4 kg	
pole operated	6.4 kg	
Mount attachment	28 mm spigot	
Cable length (M.O./P.O.)	2 m/2 m	
Photometric data		
	Spot	Flood
Distance	Lux \varnothing m	Lux \varnothing m
3 m	11,111 1.17	1,194 11.28
5 m	4,000 1.94	430 18.81
7 m	2,041 2.72	219 26.33
10 m	1,000 3.89	108 37.61
Dimensions (mm)		
A		304
B		461
C		299
D		267



Order code		
Luminaire (M.O.)	S10153H	
Luminaire (P.O.)	S10153HM	
Lens diameter	150 mm	
Filter diameter	230 mm	
Half peak angle	11°-62°	
Lamp base/LCL	G22/63.5 mm	
Max. power	1,000 W	
On/Off	Inline switch (M.O.)	
Weight		
manually operated	5.1 kg	
pole operated	6.8 kg	
Mount attachment	28 mm spigot	
Cable length (M.O./P.O.)	2 m/2 m	
Photometric data		
	Spot	Flood
Distance	Lux ø m	Lux ø m
3 m	11,111 1.17	1,194 11.28
5 m	4,000 1.94	430 18.81
7 m	2,041 2.72	219 26.33
10 m	1,000 3.89	108 37.61
Dimensions (mm)		
A		317
B		471
C		301
D		292

1000W Studio, 150mm lens

Luminaires

Order Code	Description
S10153H	Set Director Classic 1000W Studio M.O. Tungsten Fresnel fixture 1kW 230V, manual stirrup with 28mm spigot, 150mm lens, lamp socket G22. Incl. safety mesh, switch, 2m cable with Schuko plug, without bulb. Complete with 4-leaf barndoor D3 and gelframe 9 in
S10153HM	Set Director Classic 1000W Studio P.O. Tungsten Fresnel fixture 1kW 230V, pole operated stirrup with 28mm spigot, 150mm lens, lamp socket G22, safety mesh, switch, 2m cable with Schuko plug, without bulb. Complete with 4-leaf barndoor D3 and gelframe 9 in

Components

Order Code	Description
STD300	Barndoor D3 rotatable 4-leaf barndoor for Director 1015H/HM Studio
STF300Z	Gelframe 9 inch Ø 9in / 230mm, for Director 1015H/HM Studio
STO300	Outrigger 3 to be mounted on barndoor D2 or D3
STS310Z	Scrims-Set 9 inch Set of 4 scrims Ø 9in / 230mm for Director 1015H/HM
L1222H	Tungsten bulb 1kW 230V base G22, LIF Code CP71, LCL 63,5mm
L6223H	Tungsten bulb 650W 230V base G22, LIF Code CP39, LCL 63,5mm



Barndoor



Outrigger



Scrims Set



Gelframe

2000W Compact, 200mm lens

Luminaires

Order Code	Description
S20203H	Set Director Classic 2000W Compact M.O. Tungsten Fresnel fixture 2kW 230V, manual stirrup with 28mm spigot, 200mm lens, lamp socket G38. Incl. safety mesh, switch, 2m cable with CEE17 16A plug, without bulb. Complete with 4-leaf barndoor D4 and gelframe 12in
S20203HM	Set Director Classic 2000W Compact P.O. Tungsten Fresnel fixture 2kW 230V, pole operated stirrup with 28mm spigot, 200mm lens, lamp socket G38. Incl. safety mesh, switch, 2m cable with CEE17 16A plug, without bulb. Complete with 4-leaf barndoor D4 and gelframe 12in

Components

Order Code	Description
STD400	Barndoor D4 rotatable 4-leaf barndoor for Director 2020H/HM
STF400Z	Gelframe 12 inch Ø 12in / 305mm, for Director 2020H/HM
STO400	Outrigger 4 to be mounted on barndoor D4
STS410Z	Scrims-Set 12 inch Set of 4 scrims Ø 12in / 305mm for Director 2020H/HM
L2382H	Tungsten bulb 2kW 230V base G38, LIF Code CP73, LCL 127mm



Barndoor



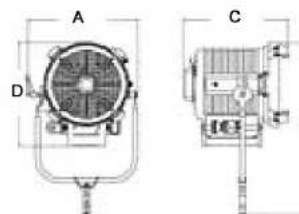
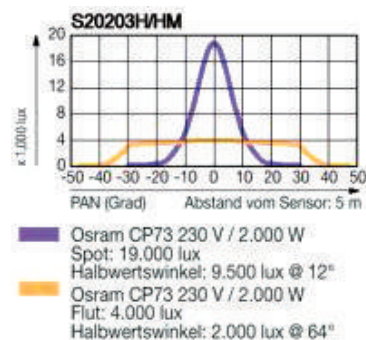
Outrigger



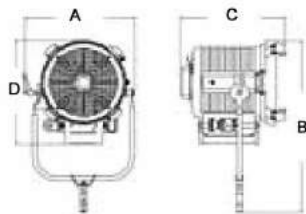
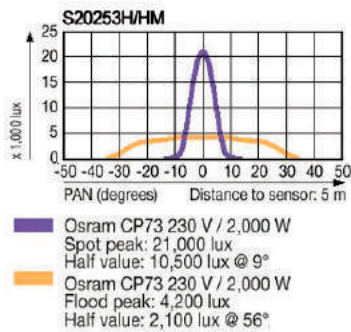
Scrims Set



Gelframe



Order code				
Luminaire (M.O.)	S20203H			
Luminaire (P.O.)	S20203HM			
Lens diameter	200 mm			
Filter diameter	305 mm			
Half peak angle	8°-50°			
Lamp base/LCL	G38/127 mm			
Max. power	2,000 W			
On/Off	-			
Weight				
manually operated	10.5 kg			
pole operated	12 kg			
Mount attachment	28 mm spigot			
Cable length (M.O./P.O.)	5 m/2 m			
Photometric data				
	Spot	Flood		
Distance	Lux	ø m	Lux	ø m
3 m	44,444	0.84	5,000	7.15
5 m	16,000	1.41	1,800	11.92
7 m	8,163	1.97	918	16.68
10 m	4,000	2.81	450	23.84
Dimensions (mm)				
A			350	
B			672	
C			404	
D			388	



Order code		
Luminaire (M.O.)	S20253H	
Luminaire (P.O.)	S20253HM	
Lens diameter	250 mm	
Filter diameter	343 mm	
Half peak angle	8°-50°	
Lamp base/LCL	G38/127 mm	
Max. power	2,000 W	
On/Off	-	
Weight		
manually operated	13.5 kg	
pole operated	15.5 kg	
Mount attachment	28 mm spigot	
Cable length (M.O./P.O.)	2 m/2 m	
Photometric data	Spot	Flood
Distance	Lux ø m	Lux ø m
3 m	44,444 0.84	5,000 7.15
5 m	16,000 1.41	1,800 11.92
7 m	8,163 1.97	918 16.68
10 m	4,000 2.81	450 23.84
Dimensions (mm)		
A	472	
B	747	
C	421	
D	449	

2000W Studio, 250mm lens

Luminaires

Order Code	Description
S20253H	Set Director Classic 2000W Studio M.O. Tungsten Fresnel fixture 2kW 230V, manual stirrup with 28mm spigot, 250mm lens, lamp socket G38. Incl. safety mesh, 2m cable with CEE17 16A plug, without bulb. Complete with 4-leaf barn door D5k and gelframe 5
S20253HM	Set Director Classic 2000W Studio P.O. Tungsten Fresnel fixture 2kW 230V, pole operated stirrup with 28mm spigot, 250mm lens, lamp socket G38. Incl. safety mesh, 2m cable with CEE17 16A plug, without bulb. Complete with 4-leaf barn door D5k and gelframe 5

Components

Order Code	Description
STD500K	Barndoor D5k rotatable 4-leaf barn door for Director 2025H/HM standard leaf length for combination with outrigger 5
STF500	Gelframe 5 for Director 2025H/HM
STO500	Outrigger 5 to mount on barndoor D5k
STS510	Scrims-Set 500 Set of 4 scrims Ø 343mm for Director 2025H/HM
STB500N	Frontshade 500N additional spill light shade for Director 2025H/HM
L2382H	Tungsten bulb 2kW 230V base G38, LIF Code CP73, LCL 127mm



Barndoor



Outrigger



Scrims Set



Gelframe

5000W Studio, 300mm lens

Luminaires

Order Code	Description
S50303H	Set Director Classic 5000W Studio M.O. Tungsten Fresnel fixture 5kW 230V, manual stirrup with 28mm spigot, 300mm lens, lamp socket G38. Incl. safety mesh, 2m cable with CEE17 32A plug, without bulb. Complete with 4-leaf barndoor D6k and gelframe 6
S50303HM	Set Director Classic 5000W Studio P.O. Tungsten Fresnel fixture 5kW 230V, pole operated stirrup with 28mm spigot, 300mm lens, lamp socket G38. Incl. safety mesh, 2m cable with CEE17 32A plug, without bulb. Complete with 4-leaf barndoor D6k and gelframe 6

Components

Order Code	Description
STD600K	Barndoor D6k rotatable 4-leaf barndoor for Director 5030H/HM
STF600	Gelframe 6 for Director 5030H/HM
L50382H	Tungsten bulb 5kW 230V base G38, LIF Code CP85, LCL 165mm



Barndoor



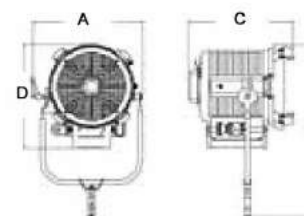
Outrigger



Scrims Set



Gelframe



Order code				
Luminaire (M.O.)			S50303H	
Luminaire (P.O.)			S50303HM	
Lens diameter			300 mm	
Filter diameter			407 mm	
Half peak angle			8°–60°	
Lamp base/LCL			G38/165 mm	
Max. power			5,000 W	
On/Off			–	
Weight				
manually operated			16.5 kg	
pole operated			17.1 kg	
Mount attachment			28 mm spigot	
Cable length (M.O./P.O.)			2 m/2 m	
Photometric data		Spot	Flood	
Distance	Lux	ø m	Lux	ø m
3 m	55,556	1	8,056	8.26
5 m	20,000	1.67	2,900	13.76
7 m	10,204	2.34	1,480	19.27
10 m	5,000	3.35	725	27.53
Dimensions (mm)				
A				473
B				740
C				448
D				446

Cyclorama Luminaires

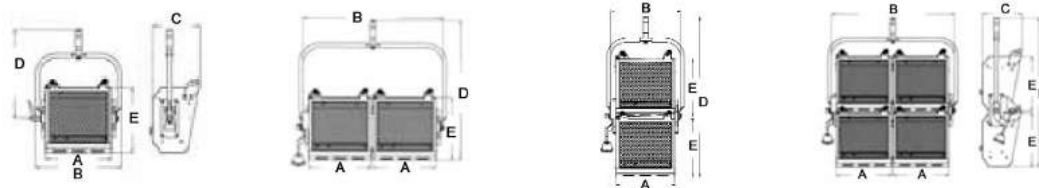


Luminaires

<i>Order Code</i>	<i>Description</i>
C13H	Cyclorama Light 1 compartment 1250W M.O. R7s/189 mm socket for bulbs up to 1.25kW 230V, 1 compartment, manual operated, with safety mesh, gelframe and protective glass, 28mm spigot, mains cable 2m with Schuko plug
C13HP	Cyclorama Light 1 compartment 1250W P.O. R7s/189 mm socket for bulbs up to 1.25kW 230V, 1 compartment, pole operated for tilting, with safety mesh, gelframe and protective glass, 28mm spigot, mains cable 2m with Schuko plug
C23HHP	Cyclorama Light 2 horizontal compartments 2500W P.O. R7s/189 mm socket for bulbs up to 1.25kW 230V, 2 compartments horizontally arranged, pole operated for tilting, with safety mesh, gelframe and protective glass, 28mm spigot, mains cable 2m with Schuko plug
C23HVP	Cyclorama Light 2 vertical compartments 2500W P.O. R7s/189 mm socket for bulbs up to 1.25kW 230V, 2 compartments vertically arranged, pole operated for tilting, with safety mesh, gelframe and protective glass, 28mm spigot, mains cable 2m with Schuko plug
C43HP	Cyclorama Light 4 compartments 5000W P.O. R7s/189 mm socket for bulbs up to 1.25kW 230V, 4 compartments in square arrangement, pole operated for tilting, with safety mesh, gelframe and protective glass, 28mm spigot, mains cable 2m with Schuko plug

Components

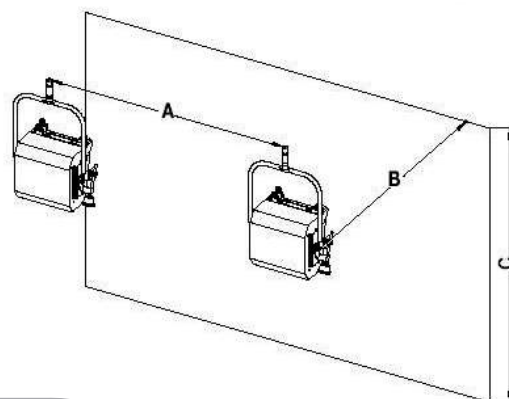
<i>Order Code</i>	<i>Description</i>
C13-PG	Protective Glass protective glass in frame with handle, for Cyclorama luminaires, in metal frame with handle
L1273H	Tungsten bulb 1250W 230V base R7s, LIF code P2/12, LCL 189mm
C13-GF	Gelframe for Cyclorama luminaires, in metal frame with handle
C13-SM	Safety Mesh for Cyclorama luminaires, in metal frame with handle



	Cyclo 13H 1,250 W	Cyclo 23H horizontal 2,500 W	Cyclo 23H vertical 2,500 W	Cyclo 43H 5,000 W
Order code				
Luminaire (M.O.)	C13H	–	–	–
Luminaire (P.O.)	C13HP	C23HHP	C23HVP	C43HP
Gelframe	•	•	•	•
Lamp base/LCL	R7s/189 mm	R7s/189 mm	R7s/189 mm	R7s/189 mm
Power	625/1,000/1,250 W	625/1,000/1,250 W	625/1,000/1,250 W	625/1,000/1,250 W
Weight				
manually operated	8,1 kg	–	–	–
pole operated	8,3 kg	14,3 kg	14 kg	26 kg
Mount attachment	28 mm spigot	28 mm spigot	28 mm spigot	28 mm spigot
Cable length	2 m	2 m	2 m	2 m
Photometric data*				
2.5 m distance				
Height (m)	Lux	Lux	Lux	Lux
≤ 2	875	875	875	875
≤ 3	750	750	750	750
≤ 4	800	800	800	800
≤ 5	750	750	750	750
Dimensions (mm)				
A	303	303	303	303
B	360	675	360	675
C	215	215	215	215
D	410	668	824	824
E	300	300	300	300

CYCLO

With distance (B) from background (m)	1.50	2.00	2.50	3.00
And height (C) of background (m)	4.00	5.15	6.45	7.65
Max. distance (A) between Cyclos for seamlessly overlapping lighting	1.75	2.25	2.75	3.50
Light output (lux)	2,500	1,400	950	660



Accessories for Luminaires

Order Code	Description
A2210-30	Safety Rope 30kg Diameter 4mm, length 100cm, according DIN 56927 Safe working load 30kg (looped cable) Safe working load 10kg (choked cable)
A2210-50	Safety Rope 50kg Diameter 5mm, length 100cm, according DIN 56927 Safe working load 45kg (looped cable) Safe working load 20kg (choked cable)
A2210-60	Safety Rope 60kg Diameter 6mm, length 100cm, according DIN 56927 Safe working load 60kg (looped cable) Safe working load 30kg (choked cable)





Order Code	Description
UTS60/60	UTS tube ø48mm / Length 6m
UTS60/30	UTS tube ø48mm / Length 3m
UTS60/20	UTS tube ø48mm / Length 2m
UTS10-H	UTS tube holder set on MQ41 for fixation of UTS tubes on MQ41 tracks
UTS11	UTS tube holder set on pipes for fixation of UTS tubes on pipes with ø48mm
UTS12	UTS tube holder set on concrete ceiling for fixation of UTS tubes on concrete ceiling with level adjusting possibility
UTS13	UTS tube holder set on IPE120 for fixation of UTS tubes on I-beam IPE120
UTS20	UTS Connector Set for seamless joining of UTS tubes
UTS30	UTS End Stopper Set stops tube trolley on the end of UTS tubes (2 endstoppers)
LTT504	Tube Trolley LTT504 for flexible positioning of luminaires or pantographs on standard or UTS tubes, from ø35 to 52mm, with 28mm bushing
LTT505HT	Tube Trolley LTT505HT for flexible positioning of luminaires or pantographs on standard or UTS tubes, from ø35 to 52mm, with 28mm and 16mm bushing, high temperature version
UTS620	UTS Crossbarrel 2m for setting keylights between two UTS tubes, including one UTS30 end stopper set and 2 clamps with 28mm spigot
UTS720	UTS Movable Crossbarrel 2m for setting luminaires between two UTS tubes, including 2 end stoppers

Span width (m)	UTS tube				
	1		1.5**		2
	Max.	Rec.	Max.	Rec.	Max.
Safe working load* (kg/m)	80	50	60	40	45
Sag under load (mm)	2	4	5	9	10
Safety factor	3	3.1	2.6	2.9	2.6

* Values valid only for ceiling attachment with Sachtler accessories.

** Standard installation

ASTRO Giga Video Film Crane



Technical Data

Weight		75 kg
Payload	5,10 m	80 kg
	8,50 m	60 kg
	12,0 m	40 kg
Max. Height		14,25 m
Panning area (bedded)		360°
EXTRA	base for monitor and remote control unit	
Build time	2 person in	20 min

Technical data Dolly

Dimension	x	1,40 m
	y	1,00 m
Weight		65 kg
Build time	1 person in	10 min

ASTRO Crane



Technical Data

Packed Dimension		0.98 m / 3.18 ft
Weight		4 .900 g / 10 .803 pds
Load	with 2.65 m / 8.59 ft	5.00 kg / 11 .023 pds
	with 1.80 m / 5.84 ft	7.50 kg / 16.535 pds
	with 0.95 m / 3.08 ft	10.00 kg / 22.046 pds
optional	with 4.35 m /14.11 ft	3,50 kg / 7.716 pds
Maximum height (at tripod height of 1.10 m / 3.57 ft)		3.40 m / 11.02 ft
	optional	5.20 m / 16.86 ft
Total length		3.50 m / 11.35 ft
	optional	5.20 m / 16.86 ft
Panning area (bedded)		360°
Counterweights	barbell disks, sand or water bags	
Tripod connection		50 to 100 ball jacket
optional		up to 150



ASTRO Gigas Remote

Technical Data

	2-axis	3-axis
Total weight	12 kg	18 kg
Max. load	28 kg	20 kg
360 pan speed	6 sec.	6 sec.
360 tilt speed	6 sec.	6 sec.
Ramp	jes	jes
Pan/tilt motors	Steppmotor	Steppmotor
Power supply	12 / 24 v DC	12 / 24 v DC
Control	Joystick	Joystick
Zoom/focus	not available	not available



ASTRO Mega Remote

Technical Data

	2-axis	3-axis
Total weight	5,6 kg	9,2 kg
Max. load	12 kg	8 kg
360 pan speed	5-6 sec.	6 sec.
360 tilt speed	5-6 sec.	5-6 sec.
Ramp	jes	jes
Pan/tilt motors	Steppmotor	Steppmotor
Power supply	12 / 24 v DC	12 / 24 v DC
Control	Joystick	Joystick
Zoom/focus	not available	not available



ASTRO DV Remote

Technical Data

	2-axis	3-axis
Total weight	2,1 kg	3,1 kg
Max. load	5 kg	4,5 kg
360 pan speed	6 sec.	6 sec.
360 tilt speed	6 sec.	6 sec.
Ramp	jes	jes
Pan/tilt motors	Steppmotor	Steppmotor
Power supply	12 / 24 v DC	12 / 24 v DC
Control	Joystick	Joystick
Zoom/focus	not available	not available





INDUSTRIAL PRODUCTS

Industrial Area Sindos
Box 52, 57400 Sindos, Greece
Tel.: +30 2310 723020
Fax.: +30 2310 795336
E-mail: studio@systec.gr
www.systec.gr



MELA Industrieprodukte GmbH
Kolpingring 8
D-82041 Oberhaching
Tel.: +49 89 558910910
E-mail: sales@melatech.de
www.melatech.net