

## ADB

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Designation	Code	Ref	
<b>FREEDOM Memory Control Desks</b>			
<b>FREEDOM</b> - 120 channels		FREEDOM/120	96.800,-
<b>FREEDOM</b> - 240 channels		FREEDOM/240	103.850,-
<b>FREEDOM</b> - 360 channels		FREEDOM/360	110.900,-
<b>FREEDOM</b> - 512 channels		FREEDOM/512	123.250,-
<b>FREEDOM</b> - 1024 channels		FREEDOM/1024	132.050,-
<b>FREEDOM</b> - 2048 channels		FREEDOM/2048	144.350,-

Basic desk featuring:

- 4 DMX universes on XLR5
- 1 DMX input on XLR5
- 32 DMX addressable universes through Ethernet (depends on deployed protocol)
- Universal power supply 90-264 V, 50-60 Hz
- 1 SVGA and 1DVI (or HDMI) Video Screen output
- 8 external lines for remote triggering
- 1 Audio input
- 1 Ethernet, on RJ45
- 1 keyboard port
- 2 XLR3 for 12 V "gooseneck" desk lamp

Supplied with:

- Alphanumerical keyboard (QWERTY, AZERTY or QWERTZ) and optical Mouse
- Power Supply cable
- Dust cover
- Quick Start User Manual and System restore Media

**Hardware Options and Accessories**

Additional block of 120 channels (retrofit for upgrade of 120 and 240 Channel Desks to next group)	1105.54.120	120CH/UP/HAT	8.815,-
Additional block of 512 channels (retrofit for 512 up to 1024 instruments)	1105.54.512	512CH/UP/HAT	12.300,-
DVD Player / Writer with USB connection	2810.02.000	DVD	882,-
MIDI – USB adaptor	2810.02.050	MIDI/USB	970,-
22" LCD/TFT monitor	2870.01.190	LCD22	4.055,-
22" LCD/TFT monitor with Multi Touch Integrated	2870.01.200	LCD22/HAT	P.O.A
XLR3 "gooseneck" desk lamp	1105.53.475	WORKLITE/XLR3	1.250,-
Flight case for FREEDOM consoles	1105.51.020	FLY/F	P.O.A
Flight case for 22" Touchscreen Monitor	1105.51.010	FLY/M/L	P.O.A

Designation	Code	Ref	
<b>LIBERTY Memory Control Desks</b>			
<b>LIBERTY</b> - 120 channels		LIBERTY/120	60.750,-
<b>LIBERTY</b> - 240 channels		LIBERTY/240	63.800,-
<b>LIBERTY</b> - 360 channels		LIBERTY/360	70.450,-
<b>LIBERTY</b> - 512 channels		LIBERTY/512	82.250,-
<b>LIBERTY</b> - 1024 channels		LIBERTY/1024	92.550,-

Basic desk featuring:

- 2 DMX universes on XLR5
- 16 DMX addressable universes through Ethernet (depends on deployed protocol)
- Universal power supply 90-264 V, 50-60 Hz
- 1 SVGA and 1DVI (or HDMI) Video Screen output
- 8 external lines for remote triggering
- 1 Audio input
- 1 Ethernet, on RJ45
- 1 keyboard port
- 1 XLR3 for 12 V "gooseneck" desk lamp

Supplied with:

- Alphanumerical keyboard (QWERTY, AZERTY or QWERTZ) and optical Mouse
- Power Supply cable
- Dust cover
- Quick Start User Manual and System restore Media

**Hardware Options and Accessories**

Additional block of 120 channels (retrofit for upgrade of 120 and 240 Channel Desks to next group)	1105.54.120	120CH/UP/HAT	8.815,-
Additional block of 512 channels (retrofit for 512 up to 1024 instruments)	1105.54.512	512CH/UP/HAT	12.300,-
DVD Player / Writer with USB connection	2810.02.000	DVD	882,-
MIDI – USB adaptor	2810.02.050	MIDI/USB	970,-
22" LCD/TFT monitor	2870.01.190	LCD22	4.055,-
22" LCD/TFT monitor with Multi Touch Integrated	2870.01.200	LCD22/HAT	P.O.A
XLR3 "gooseneck" desk lamp	1105.53.475	WORKLITE/XLR3	1.250,-
Flight case for LIBERTY consoles	1105.51.000	FLY/L	P.O.A
Flight case for 22" Touchscreen Monitor	1105.51.010	FLY/M/L	P.O.A

Designation		Code	Ref	
<b>Manual and Memory Control Desks</b>				
<b>DOMINO/XT 48 / 96 channels</b>				
<b>DOMINO/XT/48</b>	- 48 channels - 1024 DMX addresses - 1SVGA output	5023.10.230	DOMINO/XT/48	34.200,-
<b>DOMINO/XT/48/M</b>	- 48 channels - 1024 DMX addresses - 1SVGA output - Motion control module	5023.10.235	DOMINO/XT/48M	53.050,-
<b>DOMINO/XT/96</b>	- 96 channels - 1024 DMX addresses - 1SVGA output	5023.10.240	DOMINO/XT/96	47.900,-
<b>DOMINO/XT/96/M</b>	- 96 channels - 1024 DMX addresses - 1SVGA output - Motion control module	5023.10.245	DOMINO/XT/96M	66.750,-

Main Features:

- 48 faders in 2-preset mode or 96 faders in extended mode on DOMINO/XT/96, 24/48 faders on DOMINO/XT/48.
- 48 faders configurable as channels, submasters or playbacks on DOMINO/XT/96 - 24 faders on DOMINO/XT/48.
- 18 dedicated faders configurable in 9 pages as submasters or playbacks.
- 4 preset masters: A preset, B preset, C preset and grab.
- Theatrical dipless crossfade with 2 general masters, stage and preset, and dedicated buttons.
- Up to 594 memories on DOMINO/XT/96-378 on DOMINO/XT/48.
- Individual In (Up) and Out (Down) fade times.
- Up to 66 playbacks/chasers on DOMINO/XT/96 can be played simultaneously - 43 on DOMINO/XT/48.
- Fully proportional softpatch to 1024 dimmers.
- 2-preset, extended & memory modes, each fader with flash button.
- LED display showing status information via scrolling messages.
- Up to 250 steps of a chaser can be recorded as channels, or memories/Snapshots.
- 1 SVGA output for displaying texts, memories, patch and help menus in multiple languages.
- 1 USB connector for show recording.
- MIDI IN/OUT connector (optional for DOMINO/XT/48 & 96).
- Moving light control module, for controlling up to 128 moving lights (optional on DOMINO/XT/48 and DOMINO/XT/96) and featuring:
  - Powerful effects engine and automatic fanning of fixtures.
  - Extensive fixture library with Web updates.
  - Comprehensive controls for filters, palettes, presets, cloning, groups, storing, lock home, etc.
  - 6 touch pad displayers (virtual wheels) for parameter control.
  - DOMINO/XT/48/M: 36 groups, 96 presets, 96 pallets and 378 effects.
  - DOMINO/XT/96/M: 36 groups, 192 presets, 192 pallets and 594 effects.
- 2 DMX512/1990 output on XLR-5F connector.
- 90-260 V, 47/63Hz power supply with automatic detection.

Supplied with :

- power supply cable with CEE 7-7 plug

Designation	Code	Ref	
<b>Manual and Memory Control Desks DOMINO/XT 48 / 96 channels</b>			
<b>Option</b>			
Moving light control module for controlling moving lights (for retrofit on DOMINO/XT/48 and DOMINO/XT/96), featuring:	5023.20.053	MC/DOM/XT	22.250,-
<ul style="list-style-type: none"> <li>- Powerful effects engine and automatic fanning of fixtures.</li> <li>- Extensive fixture library with Web updates.</li> <li>- Comprehensive controls for filters, palettes, presets, cloning, groups, storing, lock home, etc.</li> <li>- 6 touch pad displayers (virtual wheels) for parameter control.</li> <li>- Module added on DOMINO/XT/96: 36 groups, 96 presets, 96 pallets and 378 effects.</li> <li>- Module added on DOMINO/XT/96: 36 groups, 192 presets, 192 pallets and 594 effects.</li> </ul>			
<b>Accessories</b>			
USB memory stick	2810.00.080	FLASHMEM	176,-
XLR3 "gooseneck" desk lamp	1105.53.475	WORKLITE/XL3	1.250,-
Dust cover for DOMINO/XT/48	1001.30.062	DC/DOM/XT/48	397,-
Dust cover for DOMINO/XT/96	1001.30.063	DC/DOM/XT/96	441,-
Flight case for DOMINO/XT/48	5023.20.140	FLY/DOM/XT/48	P.O.A
Flight case for DOMINO/XT/96	5023.20.150	FLY/DOM/XT/96	P.O.A

Designation	Code	Ref	
<b>Manual and Memory Control Desks</b>			
<b>DOMINO 24 / 48 channels</b>			
<b>DOMINO 24</b> - 24 channels - 512 DMX addresses	5023.10.210	DOMINO/24	13.350,-
<b>DOMINO 24 U</b> - 24 channels - 512 DMX addresses + USB option	5023.10.215	DOMINO/24 U	17.800,-
<b>DOMINO 48</b> - 48 channels - 512 DMX addresses	5023.10.220	DOMINO/48	20.500,-
<b>DOMINO 48 U</b> - 48 channels - 512 DMX addresses + USB option	5023.10.225	DOMINO/48 U	24.950,-

**Main Features:**

- 24 faders in 2-preset mode or 48 faders in extended mode on DOMINO 48, 12/24 faders on DOMINO 24.
- 24 faders configurable as channels, submasters or playbacks on DOMINO 48, 12 faders on DOMINO 24.
- 3 preset masters: A preset, B preset and grab.
- Theatrical dipless crossfade with 2 general masters, stage and preset, and dedicated buttons.
- Up to 216 memories on DOMINO 48 - 108 on DOMINO 24.
- Individual In (Up) and Out (Down) fade times.
- Up to 25 playbacks/chasers on DOMINO 48 can be played simultaneously, 13 on DOMINO 24.
- Fully proportional softpatch to 512 dimmers.
- 2-preset, extended & memory modes, each fader with flash button.
- LED display showing status information via scrolling messages.
- Up to 250 steps of a chaser can be recorded as channels, or memories/Snapshots.
- On DOMINO 24 U & 48 U as standard, and on DOMINO 24 & 48 as retrofit option:
  - 1 SVGA output for displaying memories, patch, texts and help menus in multiple languages
  - 1 USB connector for show recording
  - MIDI IN/OUT connector.
- 1 DMX512/1990 output on XLR-5F connector.
- 90-260 V, 47/63Hz power supply with automatic detection.

**Supplied with :**

- power supply cable with CEE 7-7 plug

**Option**

USB option for retrofitting on DOMINO 24 & 48 and providing: <ul style="list-style-type: none"> <li>- 1 SVGA output for displaying memories, patch, texts and help menus in multiple languages</li> <li>- 1 USB connector for show recording</li> <li>- MIDI IN/OUT connector.</li> </ul>	5023.20.034	USB/DOM	4.795,-
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**Accessories**

USB memory stick	2810.00.080	FLASHMEM	176,-
XLR3 "gooseneck" desk lamp	1105.53.475	WORKLITE/XL3	1.250,-
Dust cover for DOMINO 24	1001.30.060	DC/DOM24	282,-
Dust cover for DOMINO 48	1001.30.061	DC/DOM48	344,-
Flight case for DOMINO 24	5023.20.120	FLY/DOM24	P.O.A
Flight case for DOMINO 48	5023.20.130	FLY/DOM48	P.O.A

Designation	Code	Ref	
<b>Manual and Memory Control Desks</b> <b>MIKADO 12 / 24 channels</b> <b>SWING 6 / 12 channels</b>			

<b>MIKADO</b>	5023.10.200	MIKADO	6.850,-
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**Main Features:**

- 12 faders in 2-preset mode or 24 faders in extended mode, each with flash button and LED indicator.
- 3 pages of memories with 12 submaster faders per page = 36 memories.
- A submaster can be either a memory or a chaser and up to 13 memories/chasers can run simultaneously.
- 3 preset masters: A preset, B preset and grab.
- Add/Solo button with flash level master.
- Edit and preview of stored memories with channel level indicators.
- Manual and automatic dipless crossfade.
- Speed control of chasers.
- Chaser effects including Start/Stop/Step, random, bounce, single shot, forward/reverse direction, delete/add steps.
- Audio input with bass effect for chasers and audio level adjustment.
- External line input on 1/4" mono jack for remote control of chasers.
- 1 DMX512/1990 output on XLR-5F connector.
- Internal power supply unit, input 230 V +/- 10% - 50/60 Hz.

Supplied with : power supply cable with CEE 7-7 plug

**Accessories**

19" rack mount brackets	5023.20.033	KIT/FIX/MIK/19	547,-
External memory module, allowing recording of up to 4 show data	5023.20.032	MEM/EXT/MIK	1.030,-

**SWING 6 / 12 channels**

<b>SWING 12</b>	1105.30.461	SWING 12	4.035,-
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**Main Features:**

- 12-channel manual desk.
- 2 presets of 12 channels.
- General master.
- Manual crossfade.
- DMX512/1990 output on XLR-5F connector.

Supplied with :

- 1 external power supply unit with 1.5 m cable.
- 9 VDC supply unit, input 230 V +/- 10% - 50/60 Hz.

<b>SWING 6</b>	1105.30.451	SWING 6	2.880,-
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**Main Features:**

- 6-channel manual desk.
- DMX512/1990 output on XLR-5F connector.

Supplied with :

- 1 external power supply unit with 1.5 m cable.
- 9 VDC supply unit, input 230 V +/- 10% - 50/60 Hz.

Designation	Code	Ref	
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**NETWORKING**

**Networks Options for FREEDOM / LIBERTY Desks**

Networking System Tracking Backup & active client  
for 2 Desks (DUO)

NET/DUO/HAT	P.O.A
NET/MULTI/HAT	P.O.A

Networking Software Full Synchro for multiple Desks (MULTI)

If advanced Networking options are required one of the networking software licences must be procured per installation.  
For further information please contact your nearest ADB distribution partner or ADB directly.

**DMX 512 Splitter - DMX512-A 2.10 Hub**

DMX/SPLIT	14.750,-
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Connections:

- 2 DMX512-A in/outputs on 5 pin male XLR, with termination (RDM compliant)
- 10 DMX512-A in/outputs on 5 pin female XLR, with termination (RDM compliant)
- fixed mains lead (90-260 VAC, 47-63 Hz) 2 DMX512-A in/outputs on 5 pin male XLR on the back panel (identical to the 2 zone inputs on the front end)

**Network Switch - Safety Ring Switch**

SRS/SWITCH	30.100,-
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Copper connections: 6 x Neutrik RJ45 Ethercon connector at back  
1 x Neutrik RJ45 Ethercon connector at front

Ethernet Switch Type: intelligent store & forward

Ethernet Protocols Supported: all IEEE 802.3

TD and RD polarity: auto polarity

Optical connections: 2 x Multi mode SC Full-Duplex

Fiber Optic Port Speed 100BaseFX (100 Mbps)

**Standard Ethernet Switch**

16 ports Ethernet Switch

1105.30.250	NET/SWITCH/16P	2.910,-
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24 ports Ethernet Switch

1105.30.251	NET/SWITCH/24P	9.610,-
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Main features:

- Intelligent Fast Ethernet Switch
- 19", 1 U metal housing
- 10/100 Mbit
- Internal power supply

**Network Node - 19" Ethernet Converter Node**

5000.34.500	NODE/19	10.500,-
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Main features :

- Ethernet/Art-Net node for converting Art-Net into DMX512-A, or DMX512-A into ArtNet.
- 2 outlets, compatible with DMX512-A, can be used as input or output.
- 1 Neutrik RJ45 Ethercon connector.
- Configuration over Ethernet via a built-in web page.
- 19", 1 U metal housing.
- DMX routing, universe configuration.
- Input and output enable / disable.
- Ethernet activity display on front panel.
- DMX merger, DMX backup, DMX splitter / booster.
- Built-in DMX softpatch.
- DMX inputs can be visualised in Wysiwyg.
- 100 to 240 V, 50/60 Hz internal power supply.

Supplied with: power cable with plug

Designation

Code

Ref

## **EURODIM Twin Tech Hybrid Dimming System with plug-in thyristor and/or sine wave modules**

### **Main system characteristics:**

One standard cabinet. No configuration required.

- 2 identical control electronics/power supply slots
- 32 power module slots for up to 128 channels
- Busbar with 32 HRC fuses for individual module protection
- Optimized airflow system separated from all cabling
- Output terminals for 10 mm<sup>2</sup> wiring  
(for other cable dimensions, contact ADB)
- I/O card with individual DMX and Ethernet connection per CPU
- Local touch screen human interface for configuration

### **Standard diagnostics.** Always included

- Up to 300 LED indicators for status information of power supply and data
- Clear text messages on human interface indicating e.g. missing supply phase, loss of control signals, CPU failure, fan failures, ambient over-temperature
- Module type scan
- Recording of important events

**Sequential diagnostics** (optional - Hardware must be separately ordered). Pre-show test routine for circuit status reporting.

- Value of dimmer load (kW)
- Deviation from a reference load
- No load and overload warning
- Short circuit

**Full diagnostic modules** (optional with suitable modules only!)

- Automatic module type scan
- Dimmer protection tripped
- Overload and no-load warning
- Load changes and comparison with stored reference value

### **Free mixing of various module types**

- Thyristor modules with min. 400 µs and min. 200 µs rise time
- DimSwitch modules
- True sine wave modules
- Fluo modules with additional preheat function
- Direct feed-through (non-dim) modules with MCB protection
- Blank modules

### **Electrical protection**

- Standard MCB 1P+N protection per circuit
- Economical RCD per module protection
- RCD per circuit protection meeting highest safety standard

### **Configuration per circuit**

- 5 control inputs (2 x DMX512/3 x Artnet) with priority level and priority rule
- 10 different dimmer laws available (6 user- configurable)
- Response time
- Preheat function

### **Features**

- 80 cues + 1 priority cue for individual programming
- Individual failure rule per circuit in case of data loss (hold, fade to black or fade to cue)
- System wide configuration and diagnostic status reporting with network PC

Designation	Code	Ref	
<b>EURODIM Twin Tech Hybrid Dimming System with plug-in thyristor and/or sine wave modules</b>			
<b>Universal cabinet</b> Power supply: - Star 3 NPE 400 (TN-S), 198 V to 264 V, 50/60 Hz. - Rated current 600 A - Individual module protection by an HRC supply fuse (50kA) 63A - Set of 4 lifting eye bolts included  Central electronics : - Two slots for hosting 2 TT control units (CTRL) or 1 TT control unit (CTRL) + 1 backup power supply unit (PSU)  Control signals: - I/O board with: - 4 DMX IN/THROUGH on screw terminals and RJ45 connector - 2 Ethernet on RJ45 connector - Remote CPU selection on screw terminals  Space for up to 32 plug-in dimmer modules - 4 x 3 kW thyristors; up to 128 x 3 kW per cabinet - 4 x 2.5 kW sine wave; up to 128 x 2.5 kW per cabinet - 3 x 5 kW thyristors; up to 96 x 5 kW per cabinet - 3 x 5 kW sine wave; up to 96 x 5 kW per cabinet - 1 x 10 kW upon request - Free mix of sine wave, thyristor and DimSwitch modules - Free mix of different dimmer ratings  User-friendly human interface with backlit LCD touch-screen, 10 hard keys and control wheel  Separate compartments for power supply and output cabling with easy front access.	1DY422000000	TTD/CAB/32	P.O.A
<b>Plug-in central control electronics</b> - LED indicators for power supply phases, data input and alarm messages. - 5 control inputs with free DMX addressing (patch) and flexible merge rules per dimmer. - Protocols: DMX512-A, Art-Net (Art-DMX), ACN and RDM ready - Internal power supply works as back-up for optional second TT control unit (CTRL). - Software functions described in the datasheet.	1115.10.100	TTD/CPU	P.O.A
<b>Plug-in back-up power supply unit</b> Mandatory in combination with single TT control unit (CTRL).	1115.10.110	TTD/PSU	P.O.A
<b>Options</b> Power module lock Cabinet junction plate (set of 2) Sequential diagnostics kit (optional hardware kit) TT Management Software (optional software)	1113.33.010 1113.33.020 1113.33.030 1109.00.140	TTD/CAB/LOCK TTD/CAB/JP TTD/SEQD TTD/DM/SOFT	P.O.A P.O.A P.O.A P.O.A

Designation	Code	Ref	
<b>EURODIM Twin Tech Plug-in Digital Dimmer Modules</b>			
<b>Sine Wave Dimmer Modules</b>			
<b>4 x 2.5 kW module with full diagnostic</b>			
MCB/1P+N +RCD (30mA) protection per dimmer	1120.26.634	TTD/SD4 x 2.5/MN/4R	P.O.A
<b>3 x 5 kW module with full diagnostic</b>			
MCB/1P+N + RCD (30mA) protection per dimmer	1120.26.672	TTD/SD3 x 5/MN/3R	P.O.A
<b>Thyristor Dimmer Modules with 400 µs Rise Time</b>			
<b>4 x 3 kW module with full diagnostic</b>			
MCB/1P+N protection per dimmer	1120.26.402	TTD/TD4 x 3/MN	P.O.A
MCB/1P+N protection per dimmer + RCD (30mA) per module	1120.26.424	TTD/TD4 x 3/MN/1R	P.O.A
MCB/1P+N + RCD (30mA) protection per dimmer	1120.26.441	TTD/TD4 x 3/MN/4R	P.O.A
<b>3 x 5 kW module with full diagnostic</b>			
MCB/1P+N protection per dimmer	1120.26.453	TTD/TD3 x 5/MN	P.O.A
MCB/1P+N protection per dimmer + RCD (30mA) per module	1120.26.475	TTD/TD3 x 5/MN/1R	P.O.A
MCB/1P+N + RCD (30mA) protection per dimmer	1120.26.481	TTD/TD3 x 5/MN/3R	P.O.A
<b>1 x 10 kW module with full diagnostic</b>			
MCB/1P+N protection	1120.26.683	TTD/TD1 x 10/MN	P.O.A
MCB/1P+N + RCD (30mA) protection	1120.26.692	TTD/TD1 x 10/MN/1R	P.O.A
<b>4 x 3 kW module with standard diagnostic</b>			
MCB/1P+N protection per dimmer	1120.26.102	TTD/T4 x 3/MN	P.O.A
MCB/1P+N protection per dimmer + RCD (30mA) per module	1120.26.124	TTD/T4 x 3/MN/1R	P.O.A
MCB/1P+N + RCD (30mA) protection per dimmer	1120.26.141	TTD/T4 x 3/MN/4R	P.O.A
<b>3 x 5 kW module with standard diagnostic</b>			
MCB/1P+N protection per dimmer	1120.26.153	TTD/T3 x 5/MN	P.O.A
MCB/1P+N protection per dimmer + (30mA) per module	1120.26.175	TTD/T3 x 5/MN/1R	P.O.A
MCB/1P+N + RCD (30mA) protection per dimmer	1120.26.181	TTD/T3 x 5/MN/3R	P.O.A
<b>1 x 10 kW module with standard diagnostic</b>			
MCB/1P+N protection	1120.26.680	TTD/T1 x 10/MN	P.O.A
MCB/1P+N + RCD (30mA) protection	1120.26.689	TTD/T1 x 10/MN/1R	P.O.A
<b>Thyristor Dimmer Modules with 200 µs Rise Time</b>			
<b>4 x 3 kW module with full diagnostic</b>			
MCB/1P+N protection per dimmer	1120.26.301	TTD/PD4 x 3/MN	P.O.A
MCB/1P+N protection per dimmer + RCD (30mA) per module	1120.26.322	TTD/PD4 x 3/MN/1R	P.O.A
MCB/1P+N + RCD (30mA) protection per dimmer	1120.26.341	TTD/PD4 x 3/MN/4R	P.O.A
<b>3 x 5 kW module with full diagnostic</b>			
MCB/1P+N protection per dimmer	1120.26.351	TTD/PD3 x 5/MN	P.O.A
MCB/1P+N protection per dimmer + RCD (30mA) per module	1120.26.373	TTD/PD3 x 5/MN/1R	P.O.A
MCB/1P+N + RCD (30mA) protection per dimmer	1120.26.381	TTD/PD3 x 5/MN/3R	P.O.A
<b>4 x 3 kW module with standard diagnostic</b>			
MCB/1P+N protection per dimmer	1120.26.001	TTD/P4 x 3/MN	P.O.A
MCB/1P+N protection per dimmer + RCD (30mA) per module	1120.26.022	TTD/P4 x 3/MN/1R	P.O.A
MCB/1P+N + RCD (30mA) protection per dimmer	1120.26.041	TTD/P4 x 3/MN/4R	P.O.A
<b>3 x 5 kW module with standard diagnostic</b>			
MCB/1P+N protection per dimmer	1120.26.051	TTD/P3 x 5/MN	P.O.A
MCB/1P+N protection per dimmer + RCD (30mA) per module	1120.26.073	TTD/P3 x 5/MN/1R	P.O.A
MCB/1P+N + RCD (30mA) protection per dimmer	1120.26.081	TTD/P3 x 5/MN/3R	P.O.A
<b>Thyristor Dimmer Modules for Fluorescent Lamps with 200 µs Rise Time</b>			
<b>2 x 3 kW module with full diagnostic</b>			
MCB/1P+N protection per dimmer	1120.26.312	TTD/FD2 x 3/MN	P.O.A
MCB/1P+N protection per dimmer + RCD (30mA) per module	1120.26.314	TTD/FD2 x 3/MN/1R	P.O.A
MCB/1P+N + RCD (30mA) protection per dimmer	1120.26.316	TTD/FD2 x 3/MN/2R	P.O.A

Designation	Code	Ref	
<b>2 x 3 kW module with standard diagnostic</b>			
MCB/1P+N protection per dimmer	1120.26.012	TTD/F2 x 3/MN	P.O.A
MCB/1P+N protection per dimmer + RCD (30mA) per module	1120.26.014	TTD/F2 x 3/MN/1R	P.O.A
MCB/1P+N + RCD (30mA) protection per dimmer	1120.26.016	TTD/F2 x 3/MN/2R	P.O.A
<b>DimSwitch Modules with 200 µs Rise Time in Dim Mode</b>			
<b>4 x 3 kW module with full diagnostic</b>			
MCB/1P+N protection per dimmer	1120.26.304	TTD/RD4 x 3/MN	P.O.A
MCB/1P+N protection per dimmer + RCD (30mA) per module	1120.26.324	TTD/RD4 x 3/MN/1R	P.O.A
MCB/1P+N + RCD (30mA) protection per dimmer	1120.26.344	TTD/RD4 x 3/MN/4R	P.O.A
<b>3 x 5 kW module with full diagnostic</b>			
MCB/1P+N protection per dimmer	1120.26.354	TTD/RD3 x 5/MN	P.O.A
MCB/1P+N protection per dimmer + RCD (30mA) per module	1120.26.376	TTD/RD3 x 5/MN/1R	P.O.A
MCB/1P+N + RCD (30mA) protection per dimmer	1120.26.383	TTD/RD3 x 5/MN/3R	P.O.A
<b>4 x 3 kW module with standard diagnostic</b>			
MCB/1P+N protection per dimmer	1120.26.004	TTD/R4 x 3/MN	P.O.A
MCB/1P+N protection per dimmer + RCD (30mA) per module	1120.26.024	TTD/R4 x 3/MN/1R	P.O.A
MCB/1P+N + RCD (30mA) protection per dimmer	1120.26.044	TTD/R4 x 3/MN/4R	P.O.A
<b>3 x 5 kW module with standard diagnostic</b>			
MCB/1P+N protection per dimmer	1120.26.054	TTD/R3 x 5/MN	P.O.A
MCB/1P+N protection per dimmer + RCD (30mA) per module	1120.26.076	TTD/R3 x 5/MN/1R	P.O.A
MCB/1P+N + RCD (30mA) protection per dimmer	1120.26.083	TTD/R3 x 5/MN/3R	P.O.A
<b>DimSwitch Modules with 400 µs Rise Time in Dim Mode</b>			
<b>4 x 3 kW module with full diagnostic</b>			
MCB/1P+N protection per dimmer	1120.27.050	TTD/HD4 x 3/MN	P.O.A
MCB/1P+N protection per dimmer + RCD (30mA) per module	1120.27.060	TTD/HD4 x 3/MN/1R	P.O.A
MCB/1P+N + RCD (30mA) protection per dimmer	1120.27.020	TTD/HD4 x 3/MN/4R	P.O.A
<b>3 x 5 kW module with full diagnostic</b>			
MCB/1P+N protection per dimmer	1120.27.070	TTD/HD3 x 5/MN	P.O.A
MCB/1P+N protection per dimmer + RCD (30mA) per module	1120.27.080	TTD/HD3 x 5/MN/1R	P.O.A
MCB/1P+N + RCD (30mA) protection per dimmer	1120.27.030	TTD/HD3 x 5/MN/3R	P.O.A
<b>1 x 10 kW module with full diagnostic</b>			
MCB/1P+N protection per dimmer	1120.27.090	TTD/HD1 x 10/MN	P.O.A
MCB/1P+N + RCD (30mA) protection per dimmer	1120.27.040	TTD/HD1 x 10/MN/1R	P.O.A
<b>Direct Feed-through (non-dim) Modules with no Remote Control</b>			
<b>4 x 3 kW module with standard diagnostic</b>			
MCB/1P+N protection per dimmer	1120.26.201	TTD/N4 x 3/MN	P.O.A
MCB/1P+N protection per dimmer + RCD (30mA) per module	1120.26.222	TTD/N4 x 3/MN/1R	P.O.A
MCB/1P+N + RCD (30mA) protection per dimmer	1120.26.241	TTD/N4 x 3/MN/4R	P.O.A
<b>3 x 5 kW module with standard diagnostic</b>			
MCB/1P+N protection per dimmer	1120.26.251	TTD/N3 x 5/MN	P.O.A
MCB/1P+N protection per dimmer + RCD (30mA) per module	1120.26.273	TTD/N3 x 5/MN/1R	P.O.A
MCB/1P+N + RCD (30mA) protection per dimmer	1120.26.281	TTD/N3 x 5/MN/3R	P.O.A
<b>Accessories</b>			
Blank panel for 1 slot	1120.26.291	TTD/TB	P.O.A
Blank panel for 8 slots	1120.26.292	TTD/TB/8	P.O.A

Designation	Code	Ref	
<b>EURORACK Wall Mount Dimmer Racks</b>			
<b>EURORACK 60</b>			
<b>High performance thyristor dimming with 200 <math>\mu</math>s rise time</b>			
<b>24 x 3 kW - MCB/1P+N</b>	1DF602100002	ERACK 60/243MN	43.000,-
<b>12 x 5 kW - MCB/1P+N</b>	1DF702100002	ERACK 60/125MN	41.950,-
<b>Options for EURORACK 60</b>			
RCD - 30 mA (1P+N)		RCD10/ERACK	P.O.A
Supply protection per group of 10 kW (4 x 3 kW or 2 x 5 kW)			
Required quantity : 6 for 60 kW			
RCD + MCB/1P+N - 30 mA - 6kA per dimmer			
- for 24 x 3 kW dimmers		RCD+MCB/243	P.O.A
- for 12 x 5 kW dimmers		RCD+MCB/125	P.O.A
Main isolator switch 4P - 100 A		INP.SWITCH/ERACK	P.O.A
<b>EURORACK 50<sup>+</sup></b>			
<b>Economic triac dimming for general purpose applications</b>			
<b>24 x 2.3 kW - MCB/1P+N</b>	1DX103100002	ER50+/242MN	38.500,-
<b>24 x 2.3 kW - MCB/1P+N + RCD per group of 4 channels</b>	1DX113100002	ER50+/242MN/RCD10	P.O.A
<b>Common Accessories for EURORACK dimmers</b>			
Stand-off brackets for 10 cm trunking space behind the rack (kit)	1113.31.400	ARC/ERACK	608,-
Dual DMX input retrofit kit (CPU board with data cables)	1113.99.120	KIT/2DMX/ERACK	6.170,-
Cable entry panel with 27 universal entry seals and a steel PG31 cable gland + additional cable support rails (supplied as retrofit kit)	1113.32.300	PANN.PG/ERACK	1.675,-

Designation	Code	Ref	
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### Intelligent Dimmer Packs for Professional Applications

#### MEMOPACK 30

12 x 3 kW - MCB / 1P+N - 12 x twin NF/CEBEC sockets	1DJ141000002	MP30/123MN/C	26.800,-
12 x 3 kW - MCB / 1P+N - 12 x twin Schuko sockets	1DJ142000002	MP30/123MN/D	26.600,-
12 x 3 kW - MCB / 1P+N - 12 x triple Swiss sockets	1DJ143000002	MP30/123MN/H3	P.O.A
12 x 3 kW - MCB / 1P+N - 12 x CEE 16 A (P17) sockets	1DJ144000002	MP30/123MN/CEE	30.050,-
6 x 5 kW - MCB / 1P+N - 6 x CEE 32 A	1DK141000002	MP30/65MN/CEE	26.700,-

#### MEMORACK 30

12 x 3 kW - MCB/1P+N - 2 x HARTING HAN16E out	1DA16D100003	MR30/123MN/HAR	25.150,-
12 x 3 kW - MCB/1P+N - 2 x SOCAPEX 419 out	1DA162100003	MR30/123MN/SOC	27.000,-
6 x 5 kW - MCB/1P+N - 2 x HARTING HAN HsB 6+PE out	1DA2DE100003	MR30/65MN/HAR	24.300,-
3 x 12 kW - MCB/2P - 3 x HARTING HAN modular out	1DN113001003	MR30/312/HAR	26.150,-

Notes for MEMOPACK 30 and MEMORACK 30:

- Power supply cable 1.5 m - 5 x 10 mm<sup>2</sup>, no connector attached
- Front panel DMX input on XLR5
- For 12 kW HAN connectors refer to ADB TIL 154/13.10.2005

#### MEMOPACK 15 XT

6 x 3 kW - MCB / 1P+N - 6 x twin NF/CEBEC sockets	1DD206110002	MP15/XT/63MN/C	16.500,-
6 x 3 kW - MCB / 1P+N - 6 x twin Schuko sockets	1DD206210002	MP15/XT/63MN/D	17.200,-
6 x 3 kW - MCB / 1P+N - 6 x triple Swiss sockets	1DD206310002	MP15/XT/63MN/H3	P.O.A
6 x 3 kW - MCB / 1P+N - 6 x CEE 16 A (P17) sockets	1DD206410002	MP15/XT/63MN/CEE	18.150,-
6 x 3 kW - MCB / 1P+N - 6 x twin UK 15 A sockets	1DD20651002	MP15/XT/63MN/UK2	P.O.A
3 x 5 kW - MCB / 1P+N - 3 x CEE 32 A sockets	1DE204110402	MP15/XT/35MN/CEE	16.700,-

#### MEMORACK 15

6 x 3 kW - MCB/1P+N - 6 x twin NF/CEBEC sockets	1DD206120002	MR15/63M/C	16.750,-
6 x 3 kW - MCB/1P+N - 6 x twin Schuko sockets	1DD206220002	MR15/63M/D	17.550,-
6 x 3 kW - MCB/1P+N - 6 x triple Swiss sockets	1DD206320002	MR15/63M/H3	P.O.A
6 x 3 kW - MCB/1P+N - 6 x CEE 16 A (P17) sockets	1DD206420002	MR15/63M/CEE	16.750,-
6 x 3 kW - MCB/1P+N - HARTING in - HARTING out	1DD20662002	MR15/63M/HAR	19.850,-
6 x 3 kW - MCB/1P+N - 6 x twin UK 15 A sockets	1DD206520002	MR15/63M/UK2	P.O.A
3 x 5 kW - MCB/1P1P+N - 3 x CEE 32 A sockets	1DE204120002	MR15/35M/CEE	15.900,-
3 x 5 kW - MCB/1P1P+N - HARTING HAN HsB 6+PE out	1DE204220002	MR15/35M/HAR	17.000,-

Notes for MEMOPACK 15 XT and MEMORACK 15:

- Power supply cable 1.5 m - 5 x 10 mm<sup>2</sup>, no connector attached
- Front panel DMX input on XLR5

Designation	Code	Ref	
<b>Intelligent Dimmer Packs for General Purpose Applications</b>			
<b>MIKAPACK 30</b>			
12 x 3 kW - MCB / 1P+N - 12 x single NF/CEBEC sockets	5021.03.200	MIK30/123MN/C	12.400,-
12 x 3 kW - MCB / 1P+N - 12 x single Schuko sockets	5021.03.210	MIK30/123MN/D	12.150,-
12 x 3 kW - MCB / 1P+N - Screw-on terminal strip	5021.03.220	MIK30/123MN	12.600,-
12 x 3 kW - MCB / 1P+N - 12 x single CEE 16 A (P17) sockets	5021.03.230	MIK30/123MN/CEE	12.600,-
12 x 3 kW - MCB / 1P+N - 12 x single Swiss sockets	5021.03.240	MIK30/123MN/H	13.150,-
12 x 3 kW - MCB / 1P+N - 12 x single UK 15 A sockets	5021.03.250	MIK30/123MN/UK	13.050,-
12 x 3 kW - MCB / 1P+N - 2 x SOCAPEX connector	5021.03.260	MIK30/123MN/SOC	12.400,-
12 x 3 kW - MCB / 1P+N - 2 x Harting Output	5021.03.270	MIK30/123MN/HART	12.400,-
Notes:			
- Power supply cable 1.5 m - 5 x 10 mm <sup>2</sup> no connector attached			
- Front panel DB9 connection for memory recall			
- Front panel DMX input on XLR5			
- Front brackets for 19" rack mounting			
- 1P+N protection by MCB per channel			
- 4 rubber feet			
- Kit for installation in a 19" touring rack			
<b>MIKAPACK 15</b>			
6 x 3 kW - MCB / 1P+N - 6 x single NF/CEBEC sockets	5021.03.000	MIK15/63MN/C	6.620,-
6 x 3 kW - MCB / 1P+N - 6 x single Schuko sockets	5021.03.010	MIK15/63MN/D	6.495,-
6 x 3 kW - MCB / 1P+N - Screw-on terminal strip	5021.03.020	MIK15/63MN	6.745,-
6 x 3 kW - MCB / 1P+N - 6 x single CEE 16 A (P17) sockets	5021.03.030	MIK15/63MN/CEE	6.690,-
6 x 3 kW - MCB / 1P+N - 6 x single Swiss sockets	5021.03.040	MIK15/63MN/H	6.980,-
6 x 3 kW - MCB / 1P+N - 6 x single UK 15 A	5021.03.050	MIK15/63MN/UK	6.865,-
Notes:			
- Power supply cable 1.5 m - 5 x 10 mm <sup>2</sup> no connector attached			
- Exception for MIK15/63M only connection on 3-phase terminal strip			
- Front panel DMX input on XLR5			
- Front brackets for 19" rack mounting			
- 1P+N protection by MCB per channel			
- 4 rubber feet			
- Kit for installation in a 19" touring rack			
<b>Options and Accessories</b>			
Carrying handle for MIKAPACK 15	5021.03.100	PORT/MIK15	123,-
Truss clamping kit for MIKAPACK 15	5021.03.130	KIT/CLAMP/MIK15	291,-
Carrying handle for MIKAPACK 30	5021.03.150	PORT/MIK30	265,-

Designation	Code	Ref	
<b>Flight Case Dimmer Systems</b>			
<b>Flightcase equipped with MIKAPACK 30 - 24 x 3 kW</b> - 24 x twin cebec 10 / 16 A sockets	1001.40.201	FCMIK243MN/C	P.O.A
<b>Flightcase equipped with MIKAPACK 30 - 24 x 3 kW</b> - 24 x twin schuko 10 / 16 A sockets	1001.40.202	FCMIK243MN/D	P.O.A
<b>Flightcase equipped with MIKAPACK 30 - 24 x 3 kW</b> - 24 x single CEE 16 A (P17) sockets	1001.40.203	FCMIK243MN/CEE	P.O.A
<b>Flightcase equipped with MEMORACK 30 - 24 x 3 kW</b> - 24 x twin cebec 10 / 16 A sockets	1001.40.204	FCMR243MN/C	P.O.A
<b>Flightcase equipped with MEMORACK 30 - 24 x 3 kW</b> - 24 x twin schuko 10 / 16 A sockets	1001.40.205	FCMR243MN/D	P.O.A
<b>Flightcase equipped with MEMORACK 30 - 24 x 3 kW</b> - 24 x single CEE 16 A (P17) sockets	1001.40.206	FCMR243MN/CEE	P.O.A
<b>Flightcase equipped with MEMORACK 30 - 12 x 5 kW</b> - 12 x single CEE 32 A sockets	1001.40.207	FCMR125MN/CEE	P.O.A

Other configurations (connectors) and systems are available upon request. These are some standard examples. Please contact your ADB sales partner for further information.

#### Common Features:

- Flightcase 12 U high, equipped either with two MIKAPACK 30 or two MEMORACK 30 dimmers. Flightcase is on 4 casters.
- detachable front and back lid for flightcase
  - 125 A 5 pole CEE connector
  - RCD and MCB 3P+N disconnect
  - individual channels protected with 1P+N MCB
  - control via DMX512

#### Options and Accessories

Kit Harting 4 connectors - instead of individual sockets	40081	FCHRAR4	P.O.A
Kit Harting 4 connectors - parallel connection to existing sockets	40080	FCHAR4.BRA	P.O.A
Kit Socapex 4 connectors - instead of individual sockets	40082	FCSOC4	P.O.A
Kit Socapex 4 connectors - parallel connection to existing sockets	40083	FCSOC4.BRA	P.O.A
Kit Work Light	40084	FCLIGHT	P.O.A
Power supply cable - (Legrand) HYPRA PA+FG	32086	FCMOB.LEG	P.O.A
Power supply cable - 3P+N+PE (Marechal) PA+FG	32135	FCMOB.MAR	P.O.A
Replacement of connector Legrand with a connector Marechal	40085	FCLEGMAR	P.O.A

<b>Flightcase MEMOPACK 30 - 12 x 3 kW - 1P+N</b>	1001.40.208	FCMP123MN	P.O.A
<b>Flightcase MEMOPACK 30 - 6 x 3 kW - 1P+N</b>	1001.40.209	FCMP65MN	P.O.A

#### Features:

- Flightcase 5 U high with one MEMOPACK 30 dimmer inside.
- detachable front and back lid for flightcase
  - supply by cable supplied without connector
  - RCD protection 3P+N disconnect
  - connectors either 12 twin cebec 10 / 16 A for FCMP123M
  - connectors 6 single CEE 32 A (P17) for FCMP65M
  - control via DMX512

Designation	Code	Ref	
<b>WARP</b>			
<b>Zoom Profile for 600/800 W Halogen Lamps for Manual or Remote Operation</b>			
<b>Zoom Profile Spotlights</b>			
<b>WARP</b> 12° - 30° / 230 V	1017.01.020	WARP/12-30	7.535,-
<b>WARP</b> 22° - 50° / 230 V	1017.01.030	WARP/22-50	7.535,-
<b>WARP</b> 12° - 30° / 90 - 264 V	1017.01.220	WARP/12-30/U	P.O.A
<b>WARP</b> 22° - 50° / 90 - 264 V	1017.01.230	WARP/22-50/U	P.O.A
including :			
- dichroic glass reflector			
- 2 zoom lenses with anti-reflection coating			
<b>- patented ring control of all functions</b>			
- G 9.5 lampholder for axial lamp 800 W/230 V			
- 1.6 m power supply cable without plug			
- 1 metal filter frame (185 x 185 mm)			
<b>Motorized Zoom Profile Spotlights</b>			
<b>WARP/M</b> 12° - 30° / 230 V	1017.10.020	WARP/M/12-30	55.650,-
<b>WARP/M</b> 22° - 50° / 230 V	1017.10.030	WARP/M/22-50	55.650,-
<b>WARP/M</b> 12° - 30° / 90 - 264 V	1017.10.220	WARP/M/12-30/U	P.O.A
<b>WARP/M</b> 22° - 50° / 90 - 264 V	1017.10.230	WARP/M/22-50/U	P.O.A
including :			
- 1 motorized yoke mounted on a control box			
- 1 WARP/12-30 or /22-50 spotlight mounted into the yoke with attached motorization unit			
- 1.6 m power supply cable connected to the top box via a twist-lock connector and with open ends on the other side			
<b>Accessories</b>			
Metal filter frame (185 x 185 mm)	1090.52.205	PFM/185	35,-
Safety grid (185 x 185 mm)	1090.47.050	GR/185	53,-
Double gobo holder (rotating) type B	1000.40.100	SP/2GO/WARP	529,-
IN/OUT single gobo holder (rotating) type B	1000.40.130	SP/2GO/I-O/WARP	5.395,-
Combined iris diaphragm & gobo holder (rotating) type B	1000.40.110	SP/OR-GO/WARP	1.240,-
Single gobo holder (non rotating) for WARP type B	1000.40.120	SP-GO/WARP	176,-
Flight case for WARP/M	1017.25.020	FLY/WARP/M1	P.O.A
Flight case for 6 WARP	1017.25.030	FLY/WARP/6	P.O.A
Hook clamp for Ø 35 to Ø 50 mm tubes	1192.10.550	A20	176,-
Hook clamp for Ø 35 to Ø 50 mm tubes	1192.10.560	A25	176,-
Hook clamp for Ø 45 to Ø 60 mm tubes	1092.10.550	A30	159,-
Hook clamp for WARP/M (2 required)	1092.10.600	A40	511,-
1.2 m spotlight safety cable	1092.00.092	CAS120/N	88,-
<b>Colour changer</b> for WARP, supplied with :	1050.40.405	CC/WARP	5.650,-
- 1 16-colour gel filter roll			
- 1 adapter plate (APL-CC/WARP)			
- 1 DMX/supply cable			
Adapter plate for colour changer	1050.40.400	APL-CC/WARP	1.155,-
<b>Lamps</b>			
G 9.5, biplane filament, halogen lamp 230V-800W-3200K	2990.40.500	800W/G9.5/3200K	309,-
G 9.5, biplane filament, halogen lamp 230V-600W-3200K	2990.40.405	600W/G9.5/3200K	282,-

Warning : WARP halogen spotlights are exclusively designed for a biplane filament halogen lamp with a G9.5 base. Any modification to accommodate another lamp is not allowed and would void CE safety approval and product warranty.

Designation	Code	Ref	
<b>WARP Daylight Zoom Profiles for 575 W Discharge Lamp for Manual or Remote Operation</b>			
<b>Daylight Zoom Profile Spotlights "Peak Performance"</b>			
<b>WARP/DL 12° - 30° / 230 V</b>	1017.01.320	WARP/DL/12-30	41.450,-
<b>WARP/DL 22° - 50° / 230 V</b>	1017.01.330	WARP/DL/22-50	41.450,-
<b>WARP/DL 12° - 30° / 90 - 264 V</b>	1017.01.321	WARP/DL/12-30/U	P.O.A
<b>WARP/DL 22° - 50° / 90 - 264 V</b>	1017.01.331	WARP/DL/22-50/U	P.O.A

<b>Daylight Zoom Profile Spotlights "High Quality Imaging"</b>			
<b>WARP/DL 12° - 30° / 230 V</b>	1017.01.520	WARP/DL/12-30/HQ	41.450,-
<b>WARP/DL 22° - 50° / 230 V</b>	1017.01.530	WARP/DL/22-50/HQ	41.450,-
<b>WARP/DL 12° - 30° / 90 - 264 V</b>	1017.01.521	WARP/DL/12-30/U/HQ	P.O.A
<b>WARP/DL 22° - 50° / 90 - 264 V</b>	1017.01.531	WARP/DL/22-50/U/HQ	P.O.A

including :

- dichroic glass reflector, two possible types are available at the time of ordering:
  - "**Peak Performance Reflector**" gives an extra boost of light in the centre of the field.
  - "**High Quality Imaging**" renders a flat and equal light distribution field
- 2 zoom lenses with anti-reflection coating
- **patented ring control of all functions**
- G22 lampholder for 575W daylight discharge lamp
- Flicker free electronic ballast, with integrated 24 V power supply for accessories, mounted onto the yoke
- **G22 hot restrike metal halide lamp 575W - 6000K - 1000h - 49000 lm** (adjusted)
- 1.6 m power supply cable without plug
- 1 metal filter frame

<b>Motorized Daylight Zoom Profile Spotlights</b>			
<b>WARP/M/DL 12°-30°/90 - 264V</b>	1017.10.520	WARP/M/DL/12-30/U/HQ	P.O.A
<b>WARP/M/DL 22°-50°/90 - 264V</b>	1017.10.530	WARP/M/DL/22-50/U/HQ	P.O.A

including :

- dichroic glass reflector "High Quality Imaging"
- G22 lampholder for 575W daylight discharge lamp
- 1 motorized yoke mounted on a control box with integrated flicker-free electronic ballast and 24 V power supply for accessories
- **G22 hot restrike metal halide lamp 575W - 6000K - 1000h - 49000 lm** (adjusted)
- 1 WARP/DL/12-30 or /22-50 spotlight mounted into the yoke with attached motorization unit
- 1.6 m power supply cable connected to the top box via a twist-lock connector and with open ends on the other side

Note:

Due to higher heat dissipation of the electronic ballast at low voltage, the WARP/DL/U range ballasts are equipped with a low noise fan to ensure reliability.

Designation	Code	Ref	
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**WARP Daylight  
Zoom Profiles for 575 W Discharge Lamp  
for Manual or Remote Operation**

**Rental Daylight Zoom Profile Spotlights  
"Peak Performance"**

WARP/DL/R 12° - 30° / 230 V without ballast	1017.01.323	WARP/DL/R/12-30	19.400,-
WARP/DL/R 22° - 50° / 230 V without ballast	1017.01.333	WARP/DL/R/22-50	19.400,-

**Rental Daylight Zoom Profile Spotlights  
"High Quality Imaging"**

WARP/DL/R 12° - 30° / 230 V without ballast	1017.01.523	WARP/DL/R/12-30/HQ	19.400,-
WARP/DL/R 22° - 50° / 230 V without ballast	1017.01.533	WARP/DL/R/22-50/HQ	19.400,-

including :

- dichroic glass reflector
- 2 zoom lenses with anti-reflection coating
- **patented ring control of all functions**
- GX9.5 lampholder for 575W daylight discharge lamp
- **ignitor for cold strike**
- 2 m power supply cable without plug
- 1 metal filter frame
- 1 safety switch

**Warning:** Rental daylight WARP are supplied without a magnetic or electronic ballast. This must be provided by the customer before operation!

**WARP Daylight Follow Spot "Peak Performance"**

WARP/FS/DL 12° - 30° / 230 V	1017.02.320	WARP/FS/DL/12-30	124.300,-
WARP/FS/DL 22° - 50° / 230 V	1017.02.330	WARP/FS/DL/22-50	124.300,-
WARP/FS/DL 12° - 30° / 90 - 264 V	1017.02.321	WARP/FS/DL/12-30/U	P.O.A
WARP/FS/DL 22° - 50° / 90 - 264 V	1017.02.331	WARP/FS/DL/22-50/U	P.O.A

including :

- dichroic "Peak Performance" glass reflector
- 2 zoom lenses with anti-reflection coating
- special "Easy Grip" handle around fixture for easier PAN & TILT
- left or right side operation
- "COMBO" mechanical dimmer + colour changer with adapter plate and DMX/supply cable (colourstring is not included!)
- controller WARP FADER for control of "COMBO" (intensity & colour)
- intensity & colour can optionally be controlled via lighting control desk
- iris diaphragme with black-out
- patented ring control of framing shutters, zoom and focus
- roller race TV spigot pan adapter
- modified tilt adaptor with roller race bearing
- G22 lampholder for 575W daylight discharge lamp
- flicker free electronic ballast, with integrated 24 V power supply for accessories, mounted onto the yoke
- **G22 hot restrike metal halide lamp 575W - 6000K - 1000h - 49000 lm (adjusted)**
- 1.6 m power supply cable without plug

The WARP Follow Spot is not supplied with a stand. You will need a stand which accepts a DIN Pivot.

Designation	Code	Ref	
<b>Accessories for WARP Daylight</b>			
<b>Mechanical dimmer</b> with adapter plate and DMX/supply cable	1050.40.410	MD/WARP	20.100,-
Filter frame holder cassette for the mechanical dimmer	1050.40.440	MD/CASS	441,-
<b>"Combo" mechanical dimmer + colour changer</b> with adapter plate and DMX/supply cable	1050.40.420	MD/CC/WARP	39.400,-
Filter frame holder cassette for the "Combo" mechanical dimmer	1050.40.460	MD/COMBO/CASS	485,-
Adapter plate for colour changer	1050.40.400	APL-CC/WARP	1.155,-
Metal filter frame (185 x 185 mm)	1090.52.205	PFM/185	35,-
Safety grid (185 x 185 mm)	1090.47.050	GR/185	53,-
Double gobo holder (rotating) type B	1000.40.100	SP/2GO/WARP	529,-
IN/OUT single gobo holder (rotating) type B	1000.40.130	SP/2GO/I-O/WARP	5.395,-
Combined iris diaphragm & gobo holder (rotating) type B	1000.40.110	SP/OR-GO/WARP	1.240,-
Single gobo holder (non rotating) type B for <b>WARP</b>	1000.40.120	SP-GO/WARP	176,-
Flight case for <b>WARP/M/DL</b>	1017.25.020	FLY/WARP/M1	P.O.A
Flight case for <b>WARP/DL</b>	1017.25.040	FLY/WARP/DL	P.O.A
Flight case for <b>WARP/DL/Rental</b>	1017.25.030	FLY/WARP/6	P.O.A
Hook clamp for Ø 35 to Ø 50 mm tubes	1192.10.550	A20	176,-
Hook clamp for Ø 35 to Ø 50 mm tubes	1192.10.560	A25	176,-
Hook clamp for Ø 45 to Ø 60 mm tubes	1092.10.550	A30	159,-
Hook clamp for <b>WARP/M/DL</b> (2 required)	1092.10.600	A40	511,-
1.2 m spotlight safety cable	1092.00.092	CAS120/N	88,-

**Note: WARP/DL/Rental** will fit into the flight case for 6 **WARP** spotlights

Designation	Code	Ref	
<b>EUROPE The Ultimate in Light Output PC &amp; Fresnel Spotlights for 1000 / 1200 W Halogen Lamps</b>			
<b>C101</b> <b>Plano-convex</b> spotlight 10° - 65°	1016.12.150	C101	3.640,-
Supplied with :			
- Ø 150 mm plano-convex lens			
- Glass diffuser			
- GX 9.5 lampholder			
- 2 m power supply cable (2 x 1.5 + 1.5 mm <sup>2</sup> ) without plug			
- 1 integrated safety grid			
- 1 metal filter frame (185 x 185 mm)			
<b>C103</b> <b>Prism convex</b> spotlight 7° - 61°	1010.12.150	C103	3.350,-
Supplied with :			
- Ø 150 mm prism convex lens			
- GX 9.5 lampholder			
- 2 m power supply cable (2 x 1.5 + 1.5 mm <sup>2</sup> ) without plug			
- 1 integrated safety grid			
- 1 metal filter frame (185 x 185 mm)			
<b>F101</b> <b>Fresnel</b> spotlight 13° - 59°	1011.12.150	F101	3.245,-
Supplied with :			
- Ø 150 mm Fresnel lens			
- GX 9.5 lampholder			
- 2 m power supply cable (2 x 1.5 + 1.5 mm <sup>2</sup> ) without plug			
- 1 integrated safety grid			
- 1 metal filter frame (185 x 185 mm)			
<b>Extra charge for pole operation:</b>			
2 movements: pan + tilt		CP/PC-F/2M	2.935,-
3 movements: pan + tilt + focus		CP/PC-F/3M	3.920,-
<b>Motorised yoke:</b> upon request			
<b>Accessories</b>			
Metal filter frame (185 x 185 mm)	1090.52.205	PFM/185	35,-
Rotatable 4-leaf barndoor without safety cable	1001.50.115	CFN/185	467,-
0.75 m safety cable for barndoors	1092.00.094	CAS/CF/75	53,-
Hook clamp for Ø 35 to Ø 50 mm tubes	1192.10.550	A20	176,-
Hook clamp for Ø 35 to Ø 50 mm tubes	1192.10.560	A25	176,-
Hook clamp for Ø 45 to Ø 60 mm tubes	1092.10.550	A30	159,-
1.2 m spotlight safety cable	1092.00.092	CAS120/N	88,-
Safety grid (185 x 185 mm)	1090.47.050	GR/185	53,-

**Halogen lamps 230 V - GX 9.5** : see relevant page

Designation	Code	Ref	
<b>EUROPE The Ultimate in Light Output</b>			
<b>1000 / 1200 W Zoom Profile Spotlights with Condenser Optics</b>			
<b>DW 105 Zoom profile spotlight 15° - 38°</b> Supplied with : - 3 zoom lenses and condenser optics - 1 metal filter frame (185 x 185 mm)	1012.10.506	DW 105	7.280,-
<b>DS 105 Zoom profile spotlight 15° - 31°</b> Supplied with : - 2 zoom lenses and condenser optics - 1 metal filter frame (185 x 185 mm)	1012.10.606	DS 105	7.140,-
<b>DSN 105 Zoom profile spotlight 11° - 23°</b> Supplied with : - 2 zoom lenses and condenser optics - 1 metal filter frame (185 x 185 mm)	1012.10.806	DSN 105	7.425,-
<b>DN 105 Zoom profile spotlight 9° - 20°</b> Supplied with : - 2 zoom lenses and condenser optics - 1 metal filter frame (245 x 245 mm)	1012.10.706	DN 105	8.905,-
<b>DVW 105 Zoom profile spotlight 38° - 57°</b> Supplied with : - 4 zoom lenses and condenser optics - 1 metal filter frame (185 x 185 mm)	1012.10.906	DVW 105	7.750,-
<b>All these spotlights with:</b>			
- anti-reflection coating of all lenses			
- GX 9.5 lampholder			
- Set of 4 beam shaping shutters with heat insulated handles			
- 2 m power supply cable (2 x 1.5 + 1.5 mm <sup>2</sup> ) without plug			
<b>Extra charge for pole operation, 2 movements, pan + tilt</b>		CP/D1/2M	2.935,-
<b>Motorised yoke:</b> upon request			
<b>Accessories</b>			
Metal filter frame (185 x 185 mm) for DW, DS and DSN types	1090.52.205	PFM/185	35,-
Metal filter frame (245 x 245 mm) for DN type	1090.52.305	PFM/245	53,-
Safety grid (185 x 185 mm) for DW, DS & DSN type	1090.47.050	GR/185	53,-
Safety grid (245 x 245 mm) for DN type	1090.47.060	GR/245	71,-
"A" size gobo holder with retention ring	1000.40.080	SP-GO/A	159,-
"B" size gobo holder	1000.40.090	SP-GO/B	141,-
Iris diaphragm Ø 75	1000.19.531	OR/75	952,-
Iris diaphragm Ø 80	1000.19.631	OR/80	1.310,-
Iris diaphragm Ø 80 with black-out	1000.19.541	OR/80/BO	1.410,-
Hook clamp for Ø 35 to Ø 50 mm tubes	1192.10.550	A20	176,-
Hook clamp for Ø 35 to Ø 50 mm tubes	1192.10.560	A25	176,-
Hook clamp for Ø 45 to Ø 60 mm tubes	1092.10.550	A30	159,-
1.2 m spotlight safety cable	1092.00.092	CAS 120/N	88,-

**Halogen lamp 230 V - GX 9.5** : see relevant page

Designation	Code	Ref	
<b>EUROPE The Ultimate in Light Output</b>			
<b>PC &amp; Fresnel Spotlights for 2000 W Halogen Lamps</b>			
<b>C 201</b> <b>Plano-convex</b> spotlight 5° - 65°	1013.20.150	C201	5.175,-
Supplied with :			
- Ø 200 mm PC lens			
- GY16 lampholder			
- 2 m power supply cable (2 x 1.5 + 1.5 mm <sup>2</sup> ) without plug			
- 1 integrated safety grid			
- 1 metal filter frame (245 x 245 mm)			
<b>C 203</b> <b>Prism-convex</b> spotlight 8° - 58°	1010.20.150	C203	4.530,-
Supplied with :			
- Ø 200 mm prism-convex lens			
- GY16 lampholder			
- 2 m power supply cable (2 x 1.5 + 1.5 mm <sup>2</sup> ) without plug			
- 1 integrated safety grid			
- 1 metal filter frame (245 x 245 mm)			
<b>F 201</b> <b>Fresnel</b> spotlight 12° - 61°	1011.20.150	F201	4.345,-
Supplied with :			
- Ø 200 mm Fresnel lens			
- GY16 lampholder			
- 2 m power supply cable (2 x 1.5 + 1.5 mm <sup>2</sup> ) without plug			
- 1 integrated safety grid			
- 1 metal filter frame (245 x 245 mm)			
<b>Extra charge for pole operation:</b>			
2 movements: pan + tilt		CP/PC-F/2M	3.030,-
3 movements: pan + tilt + focus		CP/PC-F/3M	3.920,-
<b>Motorised yoke:</b> upon request			
<b>Accessories</b>			
Metal filter frame (245 x 245 mm) for DN type	1090.52.305	PFM/245	53,-
Safety grid (245 x 245 mm)	1090.47.060	GR/245	71,-
Rotatable 4-leaf barndoor without safety cable	1001.50.215	CFN/245	538,-
0.75 m safety cable for barndoors	1092.00.094	CAS/CF/75	53,-
Hook clamp for Ø 35 to Ø 50 mm tubes	1192.10.550	A20	176,-
Hook clamp for Ø 35 to Ø 50 mm tubes	1192.10.560	A25	176,-
Hook clamp for Ø 45 to Ø 60 mm tubes	1092.10.550	A30	159,-
1.2 m spotlight safety cable	1092.00.092	CAS 120/N	88,-
<b>Halogen lamp 230 V - GY 16</b> : see relevant page			

Designation	Code	Ref	
<b>EUROPE The Ultimate in Light Output 2000 W Zoom Profile Spotlights with Condenser Optics</b>			
<b>DS 205 zoom Profile spotlight 13° - 36°</b> Supplied with : - 3 zoom lenses and condenser optics - 1 metal filter frame (245 x 245 mm)	1012.20.606	DS 205	11.500,-
<b>DN 205 zoom Profile spotlight 10° - 22°</b> Supplied with : - 2 zoom lenses and condenser optics - 1 metal filter frame (245 x 245 mm)	1012.20.706	DN 205	11.400,-
<b>DVW 205 zoom Profile spotlight 30° - 54°</b> Supplied with : - 4 zoom lenses and condenser optics - 1 metal filter frame (245 x 245 mm)	1012.20.906	DVW 205	10.800,-
<b>All these spotlights with:</b>			
- anti-reflection coating of all lenses			
- low noise fan			
- GY16 lampholder			
- Set of 4 beam shaping shutters with heat insulated handles			
- 2 m power supply cable (2 x 1.5 + 1.5 mm <sup>2</sup> ) without plug			
<b>Extra charge for pole operation, 2 movements, pan + tilt</b>		CP/D2/2M	6.250,-
<b>Motorised yoke:</b> upon request			
<b>Accessories</b>			
Metal filter frame (245 x 245 mm) for DN type	1090.52.305	PFM/245	53,-
Safety grid (245 x 245 mm)	1090.47.060	GR/245	71,-
"A" size gobo holder with retention ring	1000.40.080	SP-GO/A	159,-
"B" size gobo holder	1000.40.090	SP-GO/B	141,-
Iris diaphragm Ø 75	1000.19.531	OR/75	952,-
Iris diaphragm Ø 80	1000.19.631	OR/80	1.310,-
Iris diaphragm Ø 80 with black-out	1000.19.541	OR/80/BO	1.410,-
Hook clamp for Ø 35 to Ø 50 mm tubes	1192.10.550	A20	176,-
Hook clamp for Ø 35 to Ø 50 mm tubes	1192.10.560	A25	176,-
Hook clamp for Ø 45 to Ø 60 mm tubes	1092.10.550	A30	159,-
1.2 m spotlight safety cable	1092.00.092	CAS 120/N	88,-

**Halogen lamp 230 V - GY 16** : see relevant page

Designation	Code	Ref	
<b>Niethammer Zoom Profile Spotlights with Condenser Optics for 1000 / 1200 W Halogen Lamps</b>			
<b>Halogen zoom profiles 1000 / 1200 W</b>			
with shutters, iris and safety grid, 2.5 m cable with mounted Schuko plug			
<b>HPZ 112 D</b> 12°-24° (112-001)	1015.12.001	HPZ 112 D	P.O.A
Supplied with :			
- Dichroic glass reflector			
- 2 zoom lenses + condenser optics			
- GX 9,5 lampholder			
<b>HPZ 115 D</b> 15°-38° (115-001)	1015.00.135	HPZ 115 D	P.O.A
Supplied with :			
- Dichroic glass reflector			
- 3 zoom lenses + condenser optics			
- GX 9,5 lampholder			
<b>All these spotlights with:</b>			
- 4 beam shaping shutters			
- Iris diaphragm			
- Safety grid			
- 2.5 m supply cable with Schuko plug			
- Anthracite grey finish			
<b>Motorised yoke:</b> upon request			
<b>Accessories</b>			
Slanted yoke (120-717)	1015.02.010	SB 101	P.O.A
Metal filter frame (185 x 185 mm)	1090.52.205	PFM/185	35,-
"A" size gobo holder (215-910)	1015.02.080	GH 100	P.O.A
Glass diffuser for mounting on zoom lens (99-821)	1015.99.821	FW 120	P.O.A
1.2 m spotlight safety cable	1092.00.092	CAS120/N	88,-
Hook clamp for Ø 32 to Ø 52 mm tubes (10-158)	1015.02.200	RC 50	P.O.A
Hook clamp for Ø 50 to Ø 82 mm tubes (10-083)	1015.02.210	RC 80	P.O.A
Hook clamp for Ø 34 to Ø 60 mm tubes with DIN spigot adapter	1092.10.590	A8	996,-
Hook clamp for Ø 35 to Ø 50 mm tubes	1192.10.550	A20	176,-
Hook clamp for Ø 35 to Ø 50 mm tubes	1192.10.560	A25	176,-
Hook clamp for Ø 45 to Ø 60 mm tubes	1092.10.550	A30	159,-
Safety grid (185 x 185 mm)	1090.47.050	GR/185	53,-

**Halogen lamps 230 V - GX 9.5 :** see relevant page

Designation	Code	Ref	
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**Niethammer Zoom Profile Spotlights with Condenser Optics for 2000 / 2500 W Halogen Lamps**

**Halogen zoom profiles - 2000 / 2500 W**

with low noise fan, shutters, iris and safety grid,  
2.5 m cable with Schuko plug (for 2 kW types only)

<b>HPZ 211 D</b> 2 kW, 11°- 22° (211-001)	1015.00.140	HPZ 211 D	P.O.A
<b>HPZ 215 D</b> 2 kW, 15°- 40° (215-001)	1015.00.150	HPZ 215 D	P.O.A

Supplied with :

- Double spherical Al reflector system
- 2 resp. 3 zoom lenses + condenser optics
- GY 16 lampholder

<b>HPZ 2511 D</b> 2.5 kW, 11°- 22° (211-002)	1015.00.160	HPZ 2511 D	P.O.A
<b>HPZ 2515 D</b> 2.5 kW, 15°- 40° (215-002)	1015.00.165	HPZ 2515 D	P.O.A

Supplied with :

- Spherical dichroic glass reflector combined with an Al counter-mirror
- 2 resp. 3 zoom lenses + condenser optics
- G22 lampholder

**Halogen zoom profiles - 2 kW without fan**

with shutters, iris and safety grid, 2.5 m cable with Schuko plug

<b>HPZ 211 X</b> 2 kW, 11°- 22° (211-003)	1015.00.145	HPZ 211 X	P.O.A
<b>HPZ 215 X</b> 2 kW, 15°- 40° (215-003)	1015.00.155	HPZ 215 X	P.O.A

Supplied with :

- Double spherical Al reflector system
- 2 resp. 3 zoom lenses + condenser optics
- G 22 lampholder
- **Noiseless - NO FAN !**

**All these spotlights with:**

- 4 beam shaping shutters
- Iris diaphragm
- Safety grid
- 2.5 m supply cable with Schuko plug
- Anthracite grey finish

**Motorised yoke:** upon request

**Accessories**

Slanted yoke (59-677)	1015.02.010	SB 201	P.O.A
Metal filter frame (245 x 245 mm)	1090.52.305	PFM/245	53,-
"A" size gobo holder (215-910)	1015.02.080	GH 100	P.O.A
1.2 m spotlight safety cable	1092.00.92	CAS 120/N	88,-
Hook clamp for Ø 32 to Ø 52 mm tubes (10-158)	1015.02.200	RC 50	P.O.A
Hook clamp for Ø 50 to Ø 82 mm tubes (10-083)	1015.02.210	RC 80	P.O.A
Hook clamp for Ø 34 to Ø 60 mm tubes with DIN spigot adapter	1092.10.590	A8	996,-
Hook clamp for Ø 35 to Ø 50 mm tubes	1192.10.550	A20	176,-
Hook clamp for Ø 35 to Ø 50 mm tubes	1192.10.560	A25	176,-
Hook clamp for Ø 45 to Ø 60 mm tubes	1092.10.550	A30	159,-
Safety grid (245 x 245 mm)	1090.47.060	GR/245	71,-

**Halogen lamps 230 V - GY 16 & G 22 :** see relevant page

Designation	Code	Ref	
<b>Niethammer Zoom Followspots with Condenser Optics for Halogen and HMI Lamps</b>			
<b>Halogen Followspot 2500 W</b>			
with 4 beam shaping shutters, iris diaphragm with black-out, safety grid, 2.5 m supply cable without plug, swivel arm handling mechanism			
<b>HZU 2508 I</b> 2.5 kW, 6°- 17° (208-002)	1015.01.022	HZU 2508 D	P.O.A
Supplied with:			
- Double spherical Al reflector system			
- 2 zoom lenses + condenser optics			
- G22 lampholder			
- Axial intensity at 6°: 1,845,000 cd			
- 1000 lux at 43 m			
<b>Accessories</b>			
Metal filter frame (275 x 275 mm)	1090.52.505	PFM/275	62,-
Manual colour changer, 4 colours (208-980)	1015.02.071	FWV 208	P.O.A
"A" size gobo holder (215-910)	1015.02.080	GH 100	P.O.A
Stand with 3 legs (11-784)	1015.02.100	ST 123	P.O.A
Heavy duty stand with stabilisers (11-966)	1015.02.120	ST 124	P.O.A
<b>Halogen lamp 230 V - G 22</b> : see relevant page			
<b>HMI Followspots 1.2 kW and 2.5 kW</b>			
with 4 beam shaping shutters, iris diaphragm with black-out, safety grid, manual mechanical dimmer, supply and connecting cables, swivel arm handling mechanism			
<b>MZU 106 D</b> 1.2 kW, 6°- 17° with magnetic ballast (106-001)	1015.01.011	MZU 106 D	P.O.A
Supplied with:			
- Double spherical Al reflector system			
- 2 zoom lenses + condenser optics			
- G 38 lampholder			
<b>MZU 256 DI</b> 2.5 kW, 6°- 17° with flicker free electronic ballast (256-001E)	1015.01.031	MZU 256 DE	P.O.A
Supplied with:			
- Spherical dichroic glass reflector combined with an Al counter-mirror			
- 2 zoom lenses + condenser optics			
- G 38 lampholder			
<b>Accessories</b>			
Metal filter frame (275 x 275 mm)	1090.52.505	PFM/275	62,-
Manual colour changer, 4 colours (208-980)	1015.02.071	FWV 208	P.O.A
"A" size gobo holder (215-910)	1015.02.080	GH 100	P.O.A
Stand with 3 legs (11-784)	1015.02.100	ST 123	P.O.A
Heavy duty stand with stabilisers (11-966)	1015.02.120	ST 124	P.O.A
Holder for 120 x 120 mm conversion filter (106-345)		106-345	P.O.A
<b>HMI lamps G 38 - 1200/2500 W</b> : see relevant page			

Designation	Code	Ref	
<b>"A" Range Professional Theatre Spotlights for 300 / 500 / 650 W Halogen Lamps</b>			
<b>A 56 C</b> Prism convex spotlight 9° - 66° Supplied with : - Ø 120 mm prism-convex lens - GY 9.5 lampholder - 2 m power supply cable (2 x 1.5 + 1.5 mm <sup>2</sup> ) without plug - 1 safety grid - 1 metal filter frame (155 x 155 mm)	1005.31.560	A 56 C	2.300,-
<b>A 57 F</b> Fresnel spotlight 14° - 59° Supplied with : - Ø 120 mm Fresnel lens - GY 9.5 lampholder - 2 m power supply cable (2 x 1.5 + 1.5 mm <sup>2</sup> ) without plug - 1 safety grid - 1 metal filter frame (155 x 155 mm)	1005.31.570	A 57 F	2.280,-
<b>A 59 Z</b> Zoom profile spotlight 16° - 35° Supplied with : - 2 zoom lenses and condenser optics - GY 9.5 lampholder - 4 beam shaping shutters with heat insulated handles - 2 m power supply cable (2 x 1.5 + 1.5 mm <sup>2</sup> ) without plug - 1 metal filter frame (155 x 155 mm)	1005.31.590	A 59 Z	4.845,-
<b>Accessories</b>			
Metal filter frame (155 x 155 mm)	1090.52.110	PFM/A650	35,-
Safety grid (155 x 155 mm)	3203.10.130	GR/A650	35,-
Rotatable 4-leaf barndoor for A 57 F and A 56 C	1090.61.010	CF/A650	432,-
Iris diaphragm for A 59 Z	1000.19.200	OR/A650	829,-
Double gobo holder for A 59 Z	1000.40.065	SP/A650	132,-
Hook clamp for Ø 21 to Ø 48 mm tubes	1092.10.505	A6	141,-
Hook clamp for Ø 35 to Ø 50 mm tubes	1192.10.550	A20	176,-
Hook clamp for Ø 35 to Ø 50 mm tubes	1192.10.560	A25	176,-
Hook clamp for Ø 45 to Ø 60 mm tubes	1092.10.550	A30	159,-
1.2 m spotlight safety cable	1092.00.092	CAS 120/N	88,-

**Halogen lamps 230 V - GY 9.5** : see relevant page

Designation	Code	Ref	
<b>EUROSPOT General Purpose Theatre Spotlights for 300 / 500 / 650 W Halogen Lamps</b>			
<b>F 51</b> Fresnel spotlight 18° - 65°	1005.32.100	F 51	1.500,-
Supplied with :			
- Ø 112 mm Fresnel lens			
- GY 9.5 lampholder			
- 1 m power supply cable (2 x 1.5 + 1.5 mm <sup>2</sup> ) without plug			
- 1 safety grid			
- 1 metal filter frame (125 x 125 mm)			
<b>C 51</b> Prism-convex spotlight 9° - 60°	1005.32.110	C 51	1.660,-
Supplied with :			
- Ø 112 mm prism convex lens			
- GY 9.5 lampholder			
- 1 m power supply cable (2 x 1.5 + 1.5 mm <sup>2</sup> ) without plug			
- 1 safety grid			
- 1 metal filter frame (125 x 125 mm)			
<b>DS 54</b> Zoom profile spotlight 18° - 38°	1005.32.130	DS 54	2.840,-
Supplied with :			
- 2 zoom lenses and 1 condenser lens			
- GY 9.5 lampholder			
- 4 beam shaping shutters with isolated handles			
- 1 m power supply cable (2 x 1.5 + 1.5 mm <sup>2</sup> ) without plug			
- 1 safety grid			
- 1 metal filter frame (125 x 125 mm)			
<b>DW 54</b> Zoom profile spotlight 30° - 47°	1005.32.140	DW 54	2.840,-
Supplied with :			
- 2 zoom lenses and 1 condenser lens			
- GY 9.5 lampholder			
- 4 beam shaping shutters with isolated handles			
- 1 m power supply cable (2 x 1.5 + 1.5 mm <sup>2</sup> ) without plug			
- 1 safety grid			
- 1 metal filter frame (125 x 125 mm)			
<b>Accessories</b>			
Metal filter frame (125 x 125 mm)	1090.52.905	PFM/EURO	35,-
Rotatable 4-leaf barndoor for F51 and C51	1090.62.205	CF/EURO	423,-
Iris diaphragm for DS and DW profiles	1000.19.645	OR/EURO	873,-
Gobo holder for DS and DW profiles	1000.40.045	SP/GO/EURO	53,-
Hook clamp for Ø 21 to Ø 48 mm tubes	1092.10.505	A6	141,-
Hook clamp for Ø 35 to Ø 50 mm tubes	1192.10.550	A20	176,-
Hook clamp for Ø 35 to Ø 50 mm tubes	1192.10.560	A25	176,-
Hook clamp for Ø 45 to Ø 60 mm tubes	1092.10.550	A30	159,-
1.2 m spotlight safety cable	1092.00.092	CAS 120/N	88,-

**Halogen lamps 230 V - GY 9.5** : see relevant page

Designation	Code	Ref	
<b>ALC4 - LED RGB+White Fixture</b>	1060.10.000	ALC4	26.700,-

Supplied with :

- 4 StagePainter D60 1000 lighting sources
- clamping tool for mounting the instrument on a pipe with an optional hook
- 1.6 m power supply cable with POWERCON twist-lock connector and with open ends on the other side

ALC4 Features:

- high illumination quality
- closed-loop optical feedback for consistent color and intensity
- white color temperature presets from 2,700K to 6,500K
- completely mixed source with excellent color uniformity and no color separation in the beam
- no degrading ultraviolet or uncomfortable infrared wavelengths in beam
- sustainable and environmentally friendly
- robust package absent of fragile glass
- reduced CO2 footprint compared to conventional incandescent halogen fixtures
- no waste (gels, lamps, etc.) throughout life of product

#### Accessories

Asymmetric Cyclorama reflector	1060.10.010	REF/ASYM/ALC4	1.630,-
Symmetric reflector for further throw distance	1060.10.020	REF/SYM/ALC4	1.100,-
Barndoor with high efficiency reflecting surface	1060.10.030	REF/CF/ALC4	1.640,-
Interconnection power supply cable (2 m)	1060.10.040	PWRLNK/2M/ALC4	282,-

Designation	Code	Ref	
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### 625 / 1000 / 1250 W Cyclorama Lights

#### ACV / ACP 1000 Cyclorama

Single for glass filters	1060.02.010	ACV1001	1.865,-
Single for gel filters	1060.02.020	ACP1001	2.635,-
Double horizontal for glass filters	1060.02.030	ACV1002H	3.895,-
Double horizontal for gel filters	1060.02.040	ACP1002H	5.660,-
Double vertical for glass filters	1060.02.090	ACV1002V	4.705,-
Double vertical for gel filters	1060.02.100	ACP1002V	6.490,-
Triple in line for glass filters	1060.02.110	ACV1003H	6.400,-
Triple in line for gel filters	1060.02.120	ACP1003H	9.100,-
Quadruple in line for glass filters	1060.02.050	ACV1004H	8.295,-
Quadruple in line for gel filters	1060.02.060	ACP1004H	10.850,-
Quadruple in square for glass filters	1060.02.070	ACV1004C	8.215,-
Quadruple in square for gel filters	1060.02.080	ACP1004C	11.400,-

Supplied with :

- R7S lampholder
- Safety grid with 3 mm meshing
- 2 m power supply cable (2 x 1.5 + 1.5 mm<sup>2</sup>) without plug

**Extra charge for pole operation (1 movement: pan)**

P.O.A

#### Glass filters for ACV 1000 (257 x 257 mm)

Light blue	1090.02.850	FV41/ACV	397,-
Primary blue	1090.02.800	FV19/ACV	397,-
Yellow	1090.02.810	FV4/ACV	397,-
Primary red	1090.02.820	FV6/ACV	688,-
Dark green Lee 124	1090.02.840	FV124/ACV	388,-

#### Accessories for ACV 1000

Set of 4 filter frames with safety grid	1090.02.030	CAD/PF/ACV	1.920,-
Compact gel filter adapter cassette for ACV	1090.02.000	ACVP	996,-
Transparent safety glass (257 x 257 mm)	1090.02.700	VS/CAD/ACV	115,-
Vertical barndoor (set of 2 pieces, 1 right & 1 left)	1090.16.030	CFV/ACV	626,-
Horizontal barndoor (one bottom part)	1090.16.050	CFH/ACV	273,-

#### Accessories for ACP 1000

Vertical barndoor (set of 2 pieces, 1 right & 1 left)	1090.16.040	CFV/ACP	661,-
Horizontal barndoor (one bottom part)	1090.16.080	CFH/ACP	309,-

#### Common Accessories

Hook clamp for Ø 35 to Ø 50 mm tubes	1192.10.550	A20	176,-
Hook clamp for Ø 35 to Ø 50 mm tubes	1192.10.560	A25	176,-
Hook clamp for Ø 45 to Ø 60 mm tubes	1092.10.550	A30	159,-
Hook clamp for Ø 21 to Ø 48 mm tubes	1092.10.505	A6	141,-
1.2 m safety cable	1092.00.092	CAS 120/N	88,-

**Halogen Lamps 230 V - R7S** : see relevant page

Designation	Code	Ref	
<b>625 / 1000 / 1250 W LF1000 - HF1000 Fill Lights</b>			
<b>LF 1000</b> - with symmetrical reflector	1035.01.010	LF1000	1.425,-
<b>HF 1000</b> - with asymmetrical reflector	1035.05.120	HF1000	1.425,-
Supplied with :			
- R7S lampholder			
- Safety grid with 3 mm meshing			
- 2 m power supply cable (2 x 1.5 + 1.5 mm <sup>2</sup> ) without plug			
<b>Accessories</b>			
Filter frame holder cassette	1035.01.060	ACV/F1000	503,-
Set of 2 vertical barndoors for HF/LF 1000	1035.08.110	CFV1/F1000	141,-
Set of 2 horizontal barndoors for HF/LF 1000 or ACV/F 1000	1035.08.210	CFH/F1000	185,-
Set of 2 vertical barndoors for ACV/F 1000	1035.08.310	CFV2/ACV/F1000	159,-
Set of 4 filter frames for glass filters with safety grid	1035.08.410	PF/ACV/F1000	1.275,-
Bracket stand for assembly of 4 HF/LF 1000	1035.08.910	BAR/F1000	617,-
Hook clamp for Ø 21 to Ø 48 mm tubes	1092.10.505	A6	141,-
Hook clamp for Ø 35 to Ø 50 mm tubes	1192.10.550	A20	176,-
Hook clamp for Ø 35 to Ø 50 mm tubes	1192.10.560	A25	176,-
Hook clamp for Ø 45 to Ø 60 mm tubes	1092.10.550	A30	159,-
1.2 m safety cable	1092.00.092	CAS120/N	88,-
<b>Glass Filters for LF / HF 1000 (258 x 129 x 2 mm), laminated</b>			
Light blue	1035.09.150	FV41/F1000	317,-
Primary blue	1035.09.100	FV19/F1000	273,-
Yellow	1035.09.110	FV4/F1000	317,-
Primary red	1035.09.120	FV6/F1000	397,-
Dark green Lee 124	1035.09.140	FV124/F1000	317,-
<b>Halogen Lamps 230 V - R7S</b> : see relevant page			

Designation	Code	Ref	
<b>SVOBODA Lighting Batten</b>			
<b>SVOBODA Lighting Batten (230 V)</b> with: - 9 individual units - E 40 lampholders for 250 W / 24 V mirror lamps - without power supply cable	1070.05.011	HT2251	11.450,-
<b>SVOBODA Lighting Batten (120 / 240 V)</b> with: - 10 individual units - E 40 lampholders for 250 W / 24 V mirror lamps - without power supply cable	1070.05.080	HT2500	13.250,-
<b>Motorised yoke:</b> upon request			
<b>Accessories</b>			
Suspension cable (one unit)	1092.00.100	CS/HT2250	141,-
<b>250 W - 24 V - E 40 Mirror lamp</b> : see relevant page			

Designation	Code	Ref	
<b>TV Fresnel Spotlights for 1000 / 2000 / 5000 W</b>			
<b>Halogen Lamps</b>			
<b>TV Spotlights</b> (for halogen lamps)			
<b>1000 W Studio</b> - manual operation - GX9.5 lampholder	1020.25.010	SH10	7.115,-
<b>1000 W Studio</b> - manual operation - G22 lampholder	1020.25.030	SHF10	7.530,-
<b>1000 W Studio</b> - pole operation - GX9.5 lampholder	1020.25.050	SP10	9.055,-
<b>1000 W Studio</b> - pole operation - G22 lampholder	1020.25.070	SPF10	9.520,-
Supplied with:			
- Ø 175 mm Fresnel lens			
- 2 m power supply cable without plug (2 x 2.5 + 2.5 mm <sup>2</sup> )			
<b>2000 W Studio</b> - manual operation - GY16 lampholder	1020.25.110	SH20	8.095,-
<b>2000 W Studio</b> - manual operation - G38 lampholder	1020.25.130	SHF20	8.965,-
<b>2000 W Studio</b> - pole operation - GY16 lampholder	1020.25.150	SP20	10.200,-
<b>2000 W Studio</b> - pole operation - G38 lampholder	1020.25.170	SPF20	11.100,-
Supplied with:			
- Ø 250 mm Fresnel lens			
- 2 m power supply cable without plug (2 x 2.5 + 2.5 mm <sup>2</sup> )			
<b>5000 W Studio</b> - manual operation - G38 lampholder	1020.25.410	SH50	11.550,-
<b>5000 W Studio</b> - pole operation - G38 lampholder	1020.25.450	SP50	13.650,-
Supplied with:			
- Ø 300 mm Fresnel lens			
- 2 m power supply cable without plug (2 x 4 + 4 mm <sup>2</sup> )			
<b>2000 W Compact</b> - manual operation - GY16 lampholder	1020.25.210	CH20	7.635,-
<b>2000 W Compact</b> - pole operation - GY16 lampholder	1020.25.250	CP20	9.610,-
Supplied with:			
- Ø 175 mm Fresnel lens			
- 2 m power supply cable without plug (2 x 2.5 + 2.5 mm <sup>2</sup> )			
<b>5000 W Compact</b> - manual operation - G38 lampholder	1020.25.510	CH50	9.775,-
<b>5000 W Compact</b> - pole operation - G38 lampholder	1020.25.550	CP50	12.350,-
Supplied with:			
- Ø 250 mm Fresnel lens			
- 2 m power supply cable without plug (2 x 4 + 4 mm <sup>2</sup> )			
<b>All spotlights supplied with:</b>			
- rotatable 4-leaf barndoor			
- safety grid			
<b>Notes :</b>			
- For pole operation, specify A8 hook clamp			
- TV spotlights for MSR lamps upon request			
<b>Motorised yoke:</b> upon request			
<b>Halogen lamps 230 V :</b> see relevant page			
<b>Accessories</b>			
Metal filter frame for SH/SP10 & CH/CP20	1090.52.505	PFM/275	62,-
Metal filter frame for SH/SP20, CH/CP50	1090.52.580	PFM/340	168,-
Metal filter frame for SH/SP50	1090.52.590	PFM/400	229,-
Hook clamp for Ø 34 to Ø 60 mm tubes with DIN spigot adapter	1092.10.950	A8	996,-
Hook clamp for Ø 35 to Ø 50 mm tubes	1192.10.560	A25	176,-
Hook clamp for Ø 45 to Ø 60 mm tubes	1092.10.550	A30	159,-
1.2 m spotlight safety cable	1092.00.092	CAS 120/N	88,-
0.75 m safety cable for CF/S10 and CF/S20 barndoors	1092.00.094	CAS/CF/75	53,-
1 m safety cable for CF/S50 barndoor	1092.00.093	CAS/CF/100	53,-
DIN spigot	1092.20.315	PIVOT DIN	88,-
Extra charge for switch on SH10-SHF10-SH20-CH20		INTER/SH1/2	397,-
Extra charge for pole operated switch on SP10-SPF10-SP20-CP20		INTER/SP1/2	1.155,-
Extra charge for switch on SHF20-SH50-CH50		INTER/SH5	1.415,-
Extra charge for pole operated switch on SPF20-SP50-CP50		INTER/SP5	2.070,-
<b>Note:</b> 25% or 50% diffusing scrims upon request			

Designation	Code	Ref	
<b>SOFTLUX Cool Lights - 110 / 220 / 330 / 440 W</b>			
<b>SOFTLUX Cool Lights - Manual Operation</b>			
<b>with 4-leaf reflective barndoor, 2 m cable, without lamps</b>			
SOFTLUX 110W - 2 x 55W - 230V DMX/Local Control	1075.00.080	SL110/DMX/LC	10.000,-
SOFTLUX 220W - 4 x 55W - 230V DMX/Local Control	1075.00.090	SL220/DMX/LC	12.000,-
SOFTLUX 330W - 6 x 55W - 230V DMX/Local Control	1075.00.100	SL330/DMX/LC	14.250,-
SOFTLUX 440W - 8 x 55W - 230V DMX/Local Control	1075.00.105	SL440/DMX/LC	16.100,-
<b>SOFTLUX Cool Lights - Pole Operation</b>			
<b>with 4-leaf reflective barndoor, 2 m cable, without lamps</b>			
SOFTLUX 110W - 2 x 55W - 230V DMX/Local Control	1075.01.080	SL110/DMX/LC/PO	11.800,-
SOFTLUX 220W - 4 x 55W - 230V DMX/Local Control	1075.01.090	SL220/DMX/LC/PO	13.800,-
SOFTLUX 330W - 6 x 55W - 230V DMX/Local Control	1075.01.100	SL330/DMX/LC/PO	16.100,-
SOFTLUX 440W - 8 x 55W - 230V DMX/Local Control	1075.01.105	SL440/DMX/LC/PO	18.000,-
<b>SOFTLUX Linear Space Lights</b>			
<b>with 4-leaf black barndoor, 2 m cable, without lamps</b>			
SOFTLUX 2 x 110W in line - 4 x 55W - 230V DMX/Local Control	1075.02.090	SLW220/DMX/LC	13.900,-
SOFTLUX 4 x 110W in line - 8 x 55W - 230V DMX/Local Control	1075.02.105	SLW440/DMX/LC	16.350,-
<b>Accessories</b>			
Integral safety grid and colour frame for SL110	1075.00.188	SL110/SGCF	370,-
Integral safety grid and colour frame for SL220	1075.00.198	SL220/SGCF	503,-
Integral safety grid and colour frame for SL330	1075.00.208	SL330/SGCF	661,-
Integral safety grid and colour frame for SL440	1075.00.408	SL440/SGCF	750,-
Integral safety grid and colour frame for SLW220		SLW220/SGCF	P.O.A
Integral safety grid and colour frame for SLW440		SLW440/SGCF	P.O.A
Swivel arm for SL110 and SL220, including mounting bracket		SWIVARM110/220	P.O.A
20° Honeycombs for Softlux SL110	1075.00.182	SL110/H20	697,-
40° Honeycombs for Softlux SL110	1075.00.184	SL110/H40	661,-
60° Honeycombs for Softlux SL110	1075.00.186	SL110/H60	626,-
20° Honeycombs for Softlux SL220	1075.00.192	SL220/H20	926,-
40° Honeycombs for Softlux SL220	1075.00.194	SL220/H40	873,-
60° Honeycombs for Softlux SL220	1075.00.196	SL220/H60	811,-
20° Honeycombs for Softlux SL330	1075.00.202	SL330/H20	1.205,-
40° Honeycombs for Softlux SL330	1075.00.204	SL330/H40	1.145,-
60° Honeycombs for Softlux SL330	1075.00.206	SL330/H60	1.045,-
20° Honeycombs for Softlux SL440	1075.00.402	SL440/H20	1.910,-
40° Honeycombs for Softlux SL440	1075.00.404	SL440/H40	1.760,-
60° Honeycombs for Softlux SL440	1075.00.405	SL440/H60	1.585,-
20° Honeycombs for Softlux SLW220	1075.02.192	SLW220/DMX/H20	1.665,-
40° Honeycombs for Softlux SLW220	1075.02.194	SLW220/DMX/H40	1.640,-
60° Honeycombs for Softlux SLW220	1075.02.196	SLW220/DMX/H60	1.595,-
20° Honeycombs for Softlux SLW440	1075.02.402	SLW440/DMX/H20	2.010,-
40° Honeycombs for Softlux SLW440	1075.02.404	SLW440/DMX/H40	1.940,-
60° Honeycombs for Softlux SLW440	1075.02.406	SLW440/DMX/H60	1.850,-

**Fluorescent Lamps 230 V:** see relevant page

Designation	Code	Ref	
<b>Television Soft Lights - 2500 / 5000 W</b>			
<b>Soft Light RAH 2502</b> 2500 W, aluminium reflector, manual operation	1065.08.312	RAH2502	8.840,-
<b>Extra-soft Light RAH2502S</b> 2500 W, white reflector, manual operation		RAH2502S	8.840,-
<b>Soft Light RAP 2502</b> 2500 W, aluminium reflector, pole operation	1065.08.512	RAP2502	11.450,-
<b>Extra-soft Light RAP2502S</b> 2500 W, white reflector, pole operation	1065.08.522	RAP2502S	11.450,-
<b>Soft Light RAP 5001</b> 5000 W, aluminium reflector, pole operation	1065.10.320	RAP5001	24.500,-

Supplied with:

- R7S lampholders
- safety grid around the lamps
- 2 m power supply cable without plug:  
2 x 2.5 + 2.5 mm<sup>2</sup> for RAH/RAP 2502  
2 x 4 + 4 mm<sup>2</sup> for RAP 5001

#### Accessories

20° Honeycombs for RAH/RAP 2502	1065.08.630	RA2502/H20	979,-
40° Honeycombs for RAH/RAP 2502	1065.08.640	RA2502/H40	935,-
60° Honeycombs for RAH/RAP 2502	1065.08.650	RA2502/H60	882,-
4-leaf barndoor for RAH/RAP 2502	1065.08.910	CF/RA 2502	2.160,-
4-leaf barndoor for RAP 5001	1065.10.910	CF/RA 5000	3.395,-
Set of 4 filter frames for RAH/RAP 2502	1065.08.620	PF/RA 2500	1.010,-
Hook clamp for Ø 34 to Ø 60 mm tubes with DIN spigot adapter	1092.10.950	A8	996,-
Hook clamp for Ø 35 to Ø 50 mm tubes	1192.10.550	A20	176,-
Hook clamp for Ø 35 to Ø 50 mm tubes	1192.10.560	A25	176,-
Hook clamp for Ø 45 to Ø 60 mm tubes	1092.10.550	A30	159,-
1.2 m safety cable	1092.00.092	CAS 120/N	88,-
DIN-spigot	1092.20.315	PIVOT DIN	88,-

**Halogen Lamps 230 V - R7S** : see relevant page

Designation	code	Ref
<b>Hoists</b>		
<b>Self-Climbing Hoists with Pile-up Winding</b>		
<ul style="list-style-type: none"> <li>- Maximum travel: 11 m</li> <li>- Safe working load: 120 kg</li> <li>- Average travel speed: 5.5 m/min.</li>   <li>- Top box for the connection of all electrical wiring to the hoist</li> <li>- Top &amp; bottom travel limit switches + safety over-travel limit switches</li>   <li>- MotoVario motor-gearbox tri-phase 0.55 kW</li> <li>- SEW Frequency converter for Soft start / Soft stop for PWS-1</li>   <li>- 4 steel wires diam. 3.2 mm</li> <li>- Standard body: 2 m</li> </ul>		
<b>Type with mechanical No-Load / Overload safety system</b>	PWS-1	P.O.A
<b>Type with I.S.S. Intelligent Safety System, without frequency converter</b>	PWS-2	P.O.A
<b>Motorized Hoist with Drum Winding</b>		
<b>Type with mechanical No-Load / Overload safety system</b>		
<ul style="list-style-type: none"> <li>- Self-climbing hoist</li>   <li>- Maximum travel: 11 m</li> <li>- Safe working load: 120 kg</li> <li>- Travel speed: constant 7 m / min.</li>   <li>- Top box for the connection of all electrical wiring to the hoist system</li> <li>- Top &amp; bottom travel limit switches + safety over-travel limit switches</li>   <li>- SEW motor-gearbox tri-phase 0.37 kW</li> <li>- SEW Frequency converter for Soft start / Soft stop</li>   <li>- 4 steel wires diam. 4 mm</li> <li>- Standard body: 2 m</li> </ul>		
<b>Type with I.S.S. Intelligent Safety System, without frequency converter</b>	DWS-1	P.O.A
<b>Type with I.S.S. Intelligent Safety System, without frequency converter</b>		
<ul style="list-style-type: none"> <li>- Self-climbing hoist</li>   <li>- Maximum travel: 11 m</li> <li>- Safe working load: 120 kg</li> <li>- Travel speed: constant 7 m / min.</li>   <li>- Top box for the connection of all electrical wiring to the hoist system</li> <li>- Top &amp; bottom travel limit switches + safety over-travel limit switches</li>   <li>- SEW motor-gearbox tri-phase 0.37 kW</li>   <li>- 4 steel wires diam. 3.2 mm</li> <li>- Standard body: 2 m</li> </ul>		
	DWS-2	P.O.A

Designation

code

Ref

## Hoists

### Motorized Hoist with Drum Winding

- Motorized hoist, for under-grid or overgrid installation and heavy duty
- Maximum travel: 15 m
- Safe working load: 160 kg
- Travel speed: constant 7 m / min.
  
- Mechanical No-Load / Overload safety system or I.S.S. (option)
  
- Top box for the connection of all electrical wiring to the hoist system
- Top & bottom travel limit switches + safety over-travel limit switches
  
- SEW motor-gearbox tri-phase 0.55 kW
- SEW Frequency converter for Soft start / Soft stop
  
- 4 steel wires diam. 4 mm
- Standard body: 2.2 m

**Type with mechanical No-Load / Overload**

DWS-3

P.O.A

Designation	Code	Ref	
<b>Lamps</b>			
<b>G 9.5 Biplane Filament Halogen Lamps (for WARP)</b>			
230 V - 800 W - 3200 K - 300 h - BP	2990.40.500	800W/G9.5/3200K	309,-
230 V - 600 W - 3200 K - 300 h - BP	2990.40.505	600W/G9.5/3200K	282,-
<b>GY 9.5 Halogen Lamps (for EUROSPOT / "A" Range)</b>			
230 V - 300 W - 2800 K - 2000 h - M	2990.40.205	300W/GY9.5/2800K	141,-
230 V - 500 W - 3200 K - 150 h - MP	2990.40.300	500W/GY9.5/3200K	150,-
230 V - 500 W - 3050 K - 400 h - BP	2990.40.305	500W/GY9.5/3050K	168,-
230 V - 500 W - 2900 K - 2000 h - M	2990.40.310	500W/GY9.5/2900K	141,-
230 V - 650 W - 3050 K - 400 h - M	2990.40.458	650W/GY9.5/3050K	168,-
<b>GX 9.5 Halogen Lamps (for EUROPE / TV)</b>			
230 V - 650 W - 3000 K - 750 h - BP	2990.40.470	650W/GX9.5/3000K	247,-
230 V - 650 W - 3200 K - 100 h - BP	2990.40.456	650W/GX9.5/3200K	229,-
230 V - 1000 W - 3050 K - 750 h - BP	2990.40.603	1000W/GX9.5/3050K	159,-
230 V - 1000 W - 3200 K - 200 h - BP	2990.40.600	1000W/GX9.5/3200K	168,-
230 V - 1200 W - 3200 K - 200 h - BP	2990.40.625	1200W/GX9.5/3200K	265,-
<b>GY 16 Halogen Lamps (for EUROPE / TV)</b>			
230 V - 2000 W - 3200 K - 400 h - BP	2990.40.800	2000W/GY16/3200K	265,-
<b>G 22 Halogen Lamps (for TV)</b>			
230 V - 650 W - 3200 K - 100 h - BP	2990.40.460	650W/G22/3200K	247,-
230 V - 1000 W - 3200 K - 200 h - BP	2990.40.610	1000W/G22/3200K	168,-
230 V - 2000 W - 3200 K - 400 h - BP	2990.40.803	2000W/G22/3200K	476,-
230 V - 2500 W - 3200 K - 400 h - BP	2290.40.618	2500W/G22/3200K	406,-
<b>G 38 Halogen Lamps (for TV)</b>			
230 V - 2000 W - 3200 K - 400 h - BP	2990.40.805	2000W/G38/3200K	335,-
230 V - 5000 W - 3200 K - 400 h - BP	2990.42.805	5000W/G38/3200K	944,-
<b>R7S Halogen Lamps (for TV Soft &amp; Fill Lights)</b>			
230 V - 625 W - 3200 K - 200 h	2990.45.340	625W/R7S/3200K	93,-
230 V - 1000 W - 3000 K - 2000 h	2990.45.400	1000W/R7S/3000K	97,-
230 V - 1000 W - 3200 K - 200 h	2990.45.405	1000W/R7S/3200K	73,-
230 V - 1250 W - 3200 K - 200 h	2990.45.450	1250W/R7S/3200K	71,-
<b>E40 Halogen Lamps (for SVOBODA)</b>			
24 V - 250 W - mirrored	2990.18.230	M.E40.250	529,-
<b>G22 Metal Halide Lamps (for WARP/DL)</b>			
575 W - 6000 K - 1000 h - 49,000/lm	2990.40.510	MSR/575/HR	P.O.A
575 W - 6000 K - 2000 h - 46,000/lm	2990.40.515	MSD/575/HR	P.O.A
575 W - 6000 K - 750 h - 49,000/lm	2990.40.516	HMI/575/SE	P.O.A
575 W - 6000 K - 1000 h - 49,000/lm	2990.40.517	HMI/575/SEL	P.O.A
<b>GX 9.5 Metal Halide Lamp (for WARP/DL/Rental)</b>			
575 W - 7200 K - 1000 h - 49,000/lm	2990.40.508	MSR/575/2	1.345,-
<b>G38 MSR/HMI® Lamps (for MZU followspots)</b>			
1200 W - 6000 K - 750 h	2990.55.232	HMI/1200W/SE	2.015,-
2500 W - 6000 K - 500 h	2990.40.520	HMI/2500W/SE	3.005,-
<b>230 V Fluorescent Lamps (for SOFTLUX Cool Lights)</b>			
DULUX/L 55 W - 3000 K - 3000 lm	2990.18.553	DUL/L55W/930	97,-
DULUX/L 55 W - 5400 K - 3000 lm	2990.18.554	DUL/L55W/954	132,-
STUDIOLINE 55 W - 3200 K - 3800 lm	2990.18.551	STUD/55W/32	238,-
STUDIOLINE 55 W - 5600 K - 3800 lm	2990.18.550	STUD/55W/56	247,-

**Note:** STUDIOLINE lamps feature an excellent colour stability & a perfect compatibility with halogen and HMI sources.

Designation	Code	Ref	
<b>Spotlight Accessories</b>			
<b>Gobo Holders</b>			
For gobo type M for EUROSPT	1000.40.045	SP/GO/EURO	53,-
Double for gobo type M for A59Z	1000.40.065	SP/A650	132,-
For gobo type A (Ø 100) with retention ring for EUROPE	1000.40.080	SP-GO/A	159,-
For gobo type B (Ø 85) for EUROPE	1000.40.090	SP-GO/B	141,-
Double gobo holder for WARP (rotating) type B	1000.40.100	SP/2GO/WARP	529,-
IN/OUT single gobo holder (rotating) type B	1000.40.130	SP/2GO/I-O/WARP	5.395,-
Single gobo holder for WARP (non rotating) type B	1000.40.120	SP-GO/WARP	176,-
<b>Iris Diaphragms</b>			
Iris Diaphragm for DS/DW 54 spotlights	1000.19.645	OR/EURO	873,-
Iris Diaphragm for A59 Z spotlight	1000.19.200	OR/A650	829,-
Iris Diaphragm Ø 75 for EUROPE range	1000.19.531	OR/75	952,-
Iris Diaphragm Ø 80 for EUROPE range	1000.19.631	OR/80	1.310,-
Iris Diaphragm Ø 80 with black-out for EUROPE range	1000.19.541	OR/80/BO	1.410,-
Combined iris and gobo holder for WARP (rotating) type B	1000.40.110	SP/OR-GO/WARP	1.240,-
<b>General Accessories</b>			
Low stand with Ø 4 x 11 mm assembly holes and M10 fixing nut	1092.15.110	S2	123,-
Hook clamp for Ø 21 to 48 mm tubes, with M10 tapped hole and M10 x 45 wing screw	1092.10.505	A6	141,-
Hook clamp for Ø 34 to Ø 60 mm tubes with DIN spigot socket	1092.10.950	A8	996,-
Hook clamp for Ø 35 to 50 mm tubes, equipped with one M10 x 45 welded screw and one M10 wing nut	1192.10.550	A20	176,-
Hook clamp for Ø 35 to 50 mm tubes, with M10 tapped hole and M10 x 35 wing screw	1192.10.560	A25	176,-
Hook clamp for Ø 45 to 60 mm tubes, with M10 tapped hole and M10 x 35 wing screw	1092.10.550	A30	159,-
Hook clamp for Ø 48 to 51 mm tubes, with clamping collar for WARP/M (2 required)	1092.10.600	A40	511,-
Hook clamp for Ø 32 to 52 mm tubes	1015.02.200	RC50	P.O.A
Hook clamp for Ø 50 to 82 mm tubes	1015.02.210	RC80	P.O.A
1.2 m spotlight safety cable	1092.00.092	CAS120/N	88,-
0.75 m safety cable for CFN/185, CFN/245, CF/S10 and CF/S20 barndoors	1092.00.094	CAS/CF/75	53,-
1 m safety cable for CF/S50 barndoor	1092.00.093	CAS/CF/100	53,-
DIN spigot	1092.20.315	PIVOT DIN	88,-
DIN spigot adapter	1092.20.601	DOUILLE DIN	388,-

Designation

Code

Ref

### Stands

#### Stands for theatre and TV spotlights

SO1 - Steel height : 145 to 230 cm - max. load : 60 kg	5020.01.000	S01	6.400,-
SO3 - Alumin height : 88 to 250 cm - max. load : 5 kg	5020.00.994	S03	2.835,-
SO4 - Steel h height : 109 to 385 cm - max. load : 9 kg	5020.00.995	S04	2.060,-
SO5 - Steel height : 115 to 250 cm - max. load : 15 kg	5020.00.993	S05	1.885,-
SO6 - Steel height : 145 to 230 cm - max. load : 35 kg	5020.00.998	S06	2.475,-
Bar for 5 spotlights - max. load 5 x 12 kg can be mounted on stand with tube diameter 35 mm (for type S01 and S04)	5020.00.999	B5P	1.410,-