



**STAGE LIGHTING**

**ECLAIRAGE  
DE SCENE**

**BÜHNENLICHT**

**ILUMINACION  
DE ESCENARIOS**



**strand**

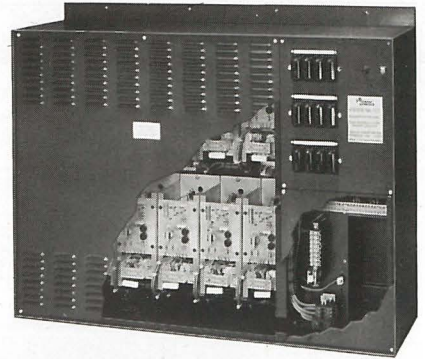
## MICRO 8 II



8 x 1000W CHANNELS  
4 x 2kW MAX. TRIAC DIMMERS

The portable, self-contained lighting control with 8 control channels each rated to handle up to 1000W of 220/240V 50Hz tungsten lamp load connected through 5A 3-pin shuttered sockets or 2 pole +E Schuko sockets. Each of the 8 channels can be switched full-on, on-dimmer, or off and share four 2 x 1000W variable load Triac dimmers controlled by four fader levers and a master fader.

## DIMMERS



## PERMA 12

12 x 2kW MAX. THYRISTOR DIMMERS

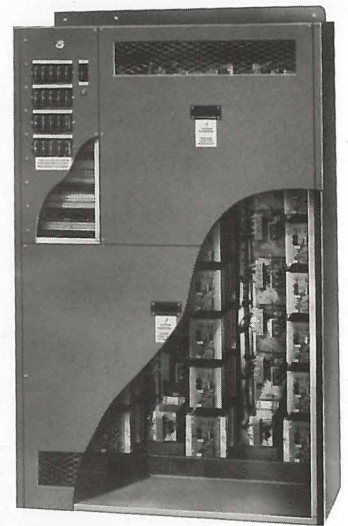
Compact, wall-mounting racks each containing 12 wired-in 2kW max. Thyristor dimmer modules including filter and associated power distribution to terminals. Batch manufactured for fast delivery of dimmers for 'hard' wiring.



## TEMPUS

6, 12, 24, +12, +12 . . . . . CHANNELS +10A OR 5kW MAX.  
THYRISTOR DIMMERS

The new, plug-together packaged control system - worthy successor to the Mini-2 range. Tempus 2-preset desks have a single, split crossfader for dipless or profiled crossfades or for pile-adding of the two presets and also 5 second to 5 minute auto-timing of dipless crossfades. A 12-channel extension desk, without any superfluous masters, is also available. Tempus portable dimmer packs contain 6 x 10A max. or 3 x 5kW max. Thyristor dimmers complete with the necessary filtering. All 10A dimmers have twin Schuko, 15A or 5A 3-pin shuttered sockets and 5kW dimmers a 32A socket for the connection of the 220/240V 50Hz tungsten lamp loads.



## STM

20 x 2kW or 5kW MAX.  
THYRISTOR DIMMERS

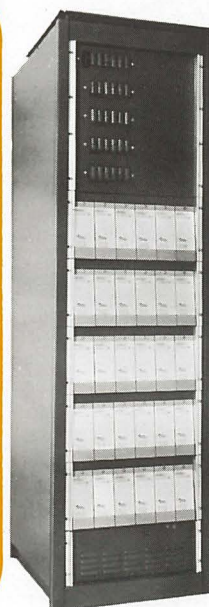
Shallow, wall-mounting racks each containing 20 wired-in 2kW or 5kW max. Thyristor dimmers each with its own S law trigger card and filter to either theatre or studio standards. Internal wiring to terminals behind fuse panel.



## AMC

20, 30, 40 . . . . . 120 MAX. CHANNELS 3-PRESETS, 9 GROUPS

Multi-preset, multi-group control based upon 10-channel modules with 3-presets, each with 3-groups. Up to 12 of these self-contained modules link, by plug-in ribbon cable, to a Master module with a dipless crossfader controlling the master faders for the 9 groups. An alternative Timed Master module has 1-60 seconds/minutes auto-timing of the dipless crossfader. Each channel has additional flexible selection to an inhibit master fader or to a direct source independent of even the grand master fader. A great variety of desk formats include wall-mounting or free-standing desks and wings.



## MCM

60 x 2.5kW MAX.  
THYRISTOR DIMMERS

High-density dimmer system. Each free-standing rack can house up to 60 x 2.5kW max. dimmers in 5 crates of 6 twin plug-in modules. Alternative crates house 6 x 5kW or 3 x 10kW max. double-width modules. MCM also provides a wide choice of plug-in trigger cards for linear, square or S law response; also filtering to theatre or broadcast studio standards. All modular components quantity produced for assembly to suit each specific installation.



## DUET

48, 60, 72 . . . . . 120 MAX. CHANNELS

The table-top console for up to 120 channels with up to 199 fast-access CMOS memories. The keyboard provides advanced channel, channel sequence and memory group selection for fingertip control by Strand fader wheel or direct entry of intensity levels. There are two playbacks controlled by a dipless crossfader, split to give separate control of increasing and decreasing intensities, and also a sophisticated timed playback for autofades at recorded fade times in any prerecorded cue sequence. The free-standing VDU Mimic shows the intensity levels of all channels in precise detail and the state/content of all master functions. Optional peripherals include Floppy Disc Unit for bulk/repertoire memory storage, recordable 2-preset fader wing, and hand-held Rigger's unit.



## LIGHT PALETTE

500 MAX. CHANNELS

The new micro-processor based memory system which records, displays and recalls the running cue sheet and the transition timing of complex, multi-part lighting changes as well as the precise intensity levels of up to 500 control channels. An electronic patch between dimmers and control channels allows the dimmers required for a particular production in repertoire to be selected.

Standard features include 8 submasters with 50% overrange capability. Each cue, initiated by the go push, can have up to 6 component parts each assigned, and displayed, with a fade time, or separate up and down times for split fades, a linear or chosen fade-profile, and a delay time so that the various parts can start or complete at the required moment of time.



## MMS

80, 120 . . . . . 480 CHANNELS

The Modular Memory System consists of a number of modules, each providing complementary or alternative operational facilities which all plug into a common digital data link. Only two module types need to repeat for each multiple of 120, or less, channels. Virtually any operational facility required to suit the particular needs of each theatre or studio can be incorporated by selection from the many types of module that are now available; these include manual and/or sophisticated timed crossfades, cue-insert, group control, remote control, library storage, and print-out/type-in. All desks include fast, random-access high-density core storage and the Strand fader wheel for match-less intensity modification. Active or preview mimic display can be either above-zero indication, or a video display showing precise intensity levels.



## LIGHTBOARD

1000 MAX. CHANNELS

The computer-controlled memory system for large installations providing fully integrated memory control of all luminaire functions – not just intensity, but colour change and orientation if required. Rapid control and mixing of channels, groups of channels, or pre-recorded cues is provided utilising Strand fader wheels. The two playbacks also incorporate fader wheels for manual crossfading or to accelerate or retard the progress of recorded-time crossfades. The video displays give detailed information of all active channels, group content and fades in progress.

All drawings, except lamps, are to the same scale 1:20  
 Tous les croquis (sauf lampes) sont à l'échelle 1:20  
 Alle Zeichnungen ausser Lampen im gleichen Massstab 1:20  
 Todos los planos, excepto lámparas, son a la misma escala 1:20  
 Half-peak angle    Angulaire de faisceau à mi-intensité  
 (x°) =    Halbstreuwinkel    Angulo vertice!

## PROFILE SPOTS

**PROFILE SPOTS** These spotlights have 4 built-in shutters between the reflector system and the lens to provide accurate and convenient control of beam shape.

**PROJECTEURS DE SILHOUETTE** Ces projecteurs donnent un faisceau bien délimité de toute silhouette déterminée par la forme de l'ouverture du diaphragme à lames incorporé entre le réflecteur et la lentille.

**PROFILSCHEINWERFER** Scheinwerfer mit scharf begrenztem Lichtausfallwinkel, der durch 4 eingebaute Blendschieber verändert werden kann.

**PROYECTORES DE RECORTE** Los proyectores de recorte disponen de 4 obturadores entre el reflector y la lente

**VARIABLE SPREAD LENS SYSTEM**  
 FAISCEAU VARIABLE  
 ZOOMOPTIK  
 ABERTURA VARIABLE

**BIFOCAL SPOTS**  
 PROJECTEURS À DOUBLE Foyer  
 BIFOKALSCHINWERFER  
 PROYECTORES BIFOCALES

**FOLLOW SPOTS** with built-in iris  
 PROJECTEURS DE POURSUITE avec iris incorporé  
 VERFOLGERSCHINWERFER mit eingebauter Irisblende  
 CAÑONES DE SEGUIMIENTO con diafragma Iris

**PLANO-CONVEX SPOT**  
 PROJECTEUR PLAN CONVEXE  
 LINSCHINWERFER  
 PROYECTOR PLANO-CONVEXA

**FRESNEL SPOTS** These provide a soft-edge circular beam which is variable in spread from an intense near-parallel beam to a medium angle flood.

**PROJECTEURS FRESNEL** Ces projecteurs donnent un faisceau rond à bords flous, dont le diamètre varie suivant que l'angle est très étroit ou moyen.

**STUFENLINSCHINWERFER** Scheinwerfer mit Stufenlinse haben ein Lichtfeld mit weicher Randzeichnung. Der Lichtausfallwinkel kann durch Verstellen der Lampe zur Linse verändert werden.

**PROYECTORES FRESNEL** Estos proporcionan un haz circular de bordes suaves que es variable en abertura desde haz concentrado casi paralelo hasta una inundación de ángulo medio.

**BEAMLIGHTS**  
 RÉFLECTEURS PARABOLIQUES  
 PARABOLSPIEGELSCHINWERFER  
 REFLECTORES PARABÓLICO

**FLOODLIGHTS** Batten  
 RÉFLECTEURS, Herses  
 FLUTER, Oberlichttrampen  
 REFLECTORES EXTENSIVOS, Baterias

**COLOUR FRAME** for 'Cinemoid'  
 PORTE-FILTRE pour 'Cinemoid'  
 FILTERRAHMEN für 'Cinemoid'  
 CHASIS para filtros 'Cinemoid'

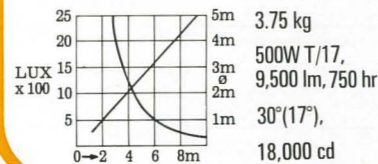
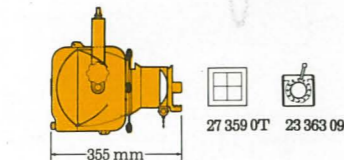
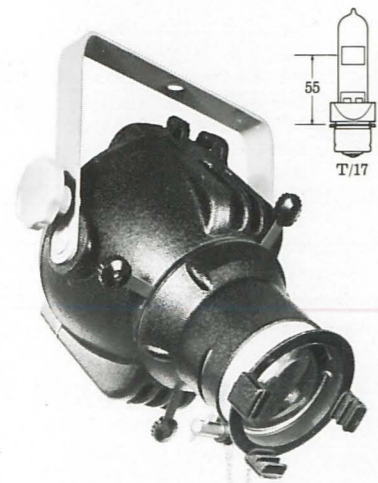
**COLOUR FRAME** for 'Chromoid' or 'Cinemoid'  
 PORTE-FILTRE pour 'Chromoid' ou 'Cinemoid'  
 FILTERRAHMEN für 'Chromoid' oder 'Cinemoid'  
 CHASIS para filtros 'Chromoid' ó 'Cinemoid'

**LENS GUARD**  
 GRILLAGE DE PROTECTION  
 SCHUTZGITTER  
 REJILLA DE PROTECCION

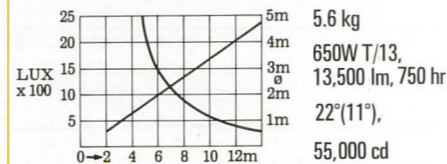
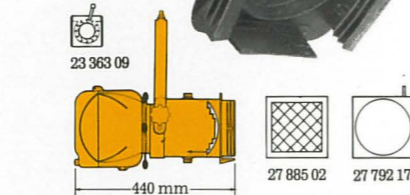
**IRIS DIAPHRAGM**  
 DIAPHRAGME À IRIS  
 IRISBLLENDE  
 DIAFRAGMA IRIS

**ROTATABLE BARNDORF ATTACHMENT**  
 4 VOLETS COUPE-FLUX ORIENTABLES  
 TORBLLENDE  
 VISERA ROTATIVA DE 4 OREJAS

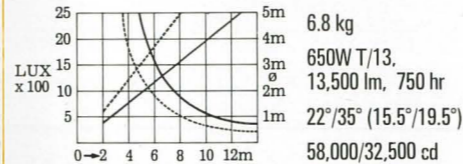
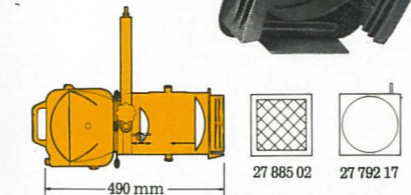
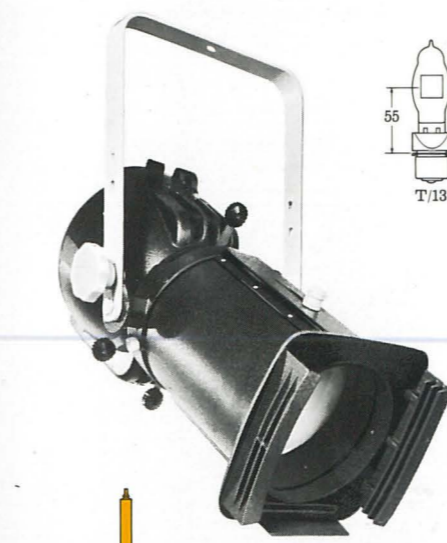
**23**  
500W



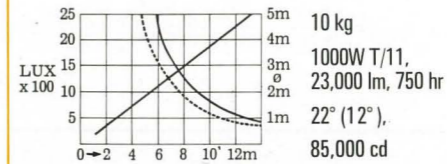
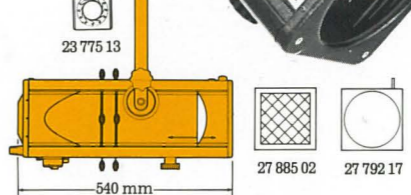
**823**  
650W



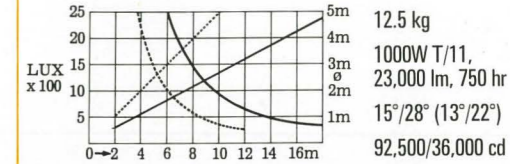
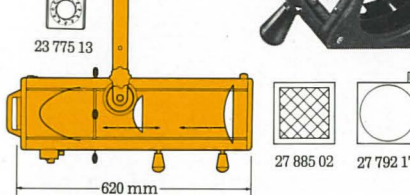
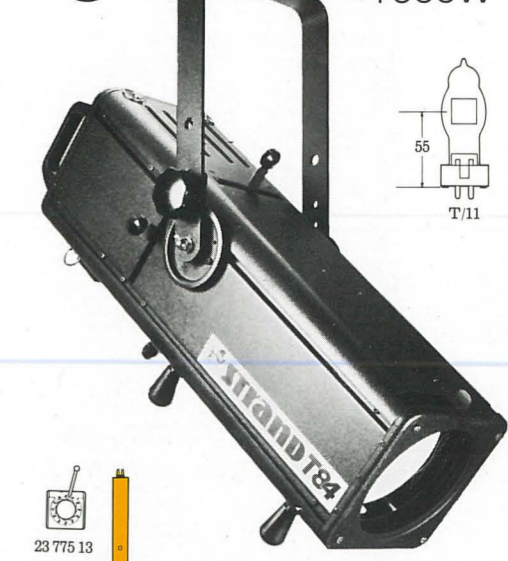
**813**  
650W



**T/64**  
1000W

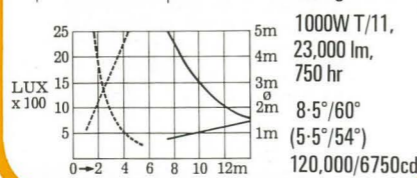
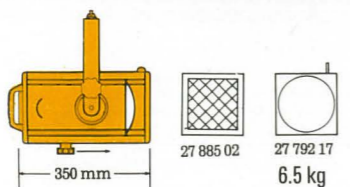


**T/84**  
1000W



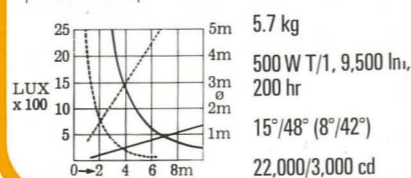
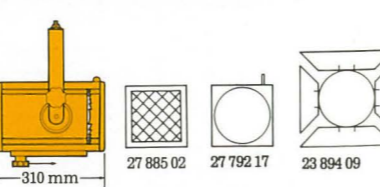
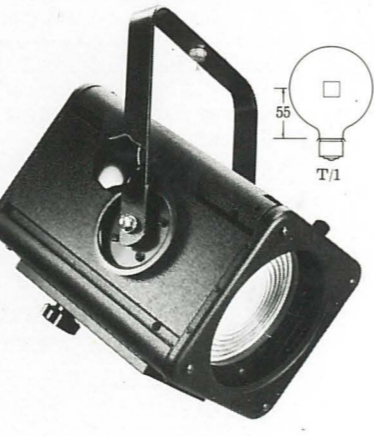
## P.C. SPOT

**814**  
1000W

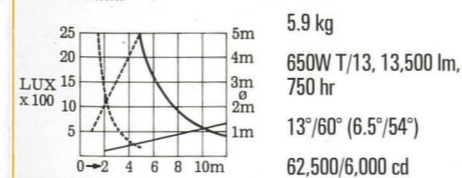
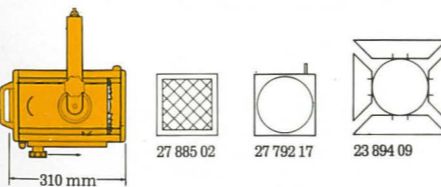
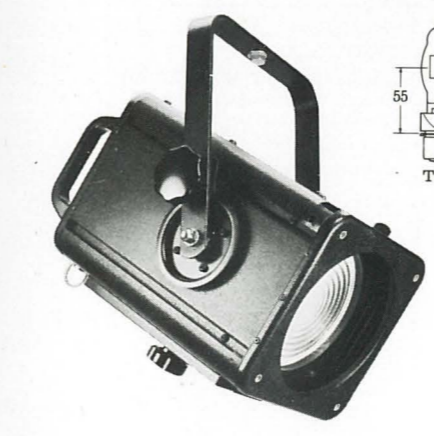


## FRESNEL SPOTS

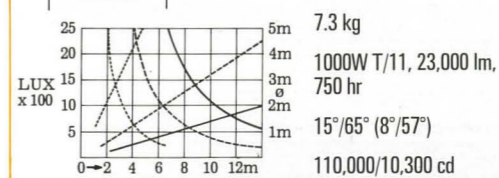
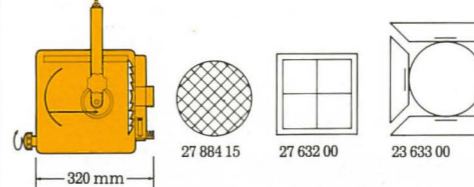
**833**  
500W



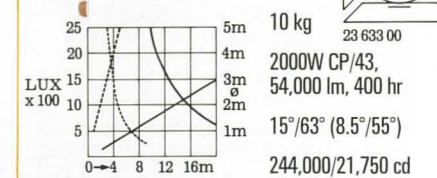
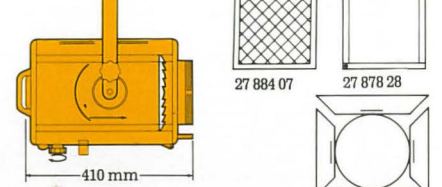
**803**  
650W



**743**  
1000W

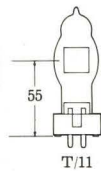


**828**  
2000W

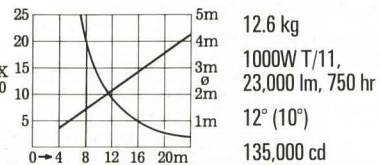
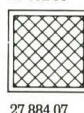
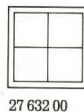
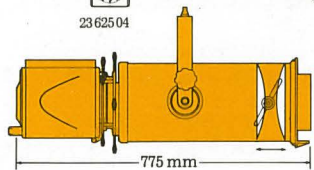


## FOLLOW SPOTS

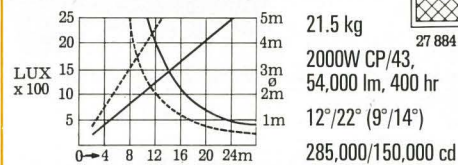
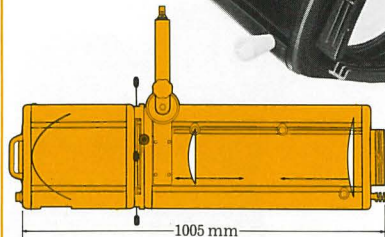
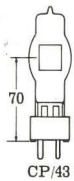
**774**  
1000W



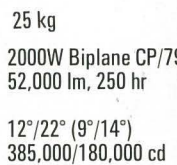
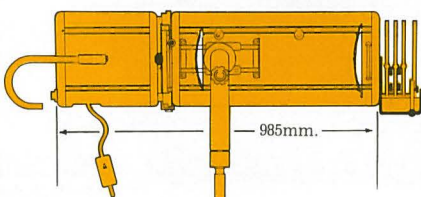
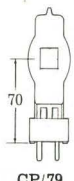
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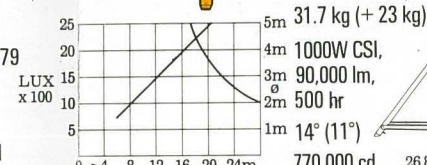
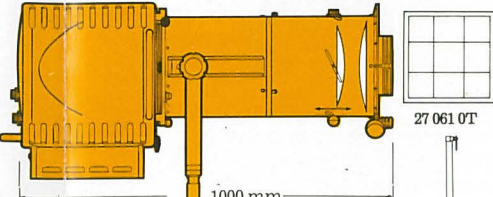
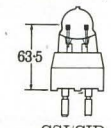
**808**  
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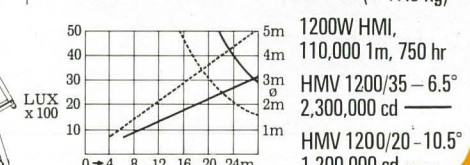
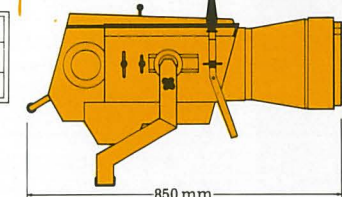
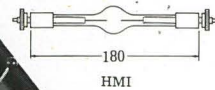
**818**  
2000W



**765**  
1000W  
CSI/CID  
4200°K | 5500°K  
220-240v 50Hz,

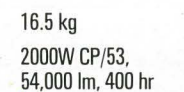
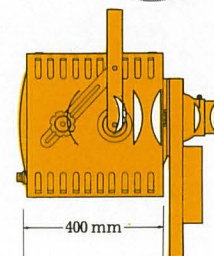
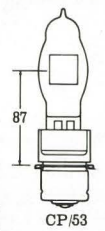
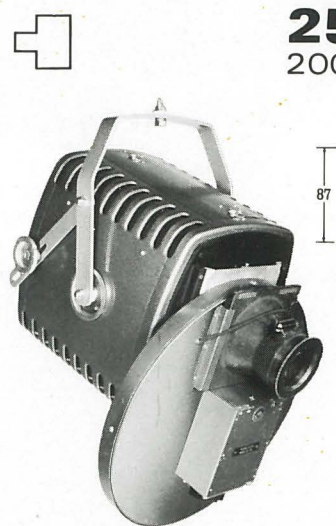


**Pani**  
**HMV 1200**  
1200W HMI 220-240v 50Hz,



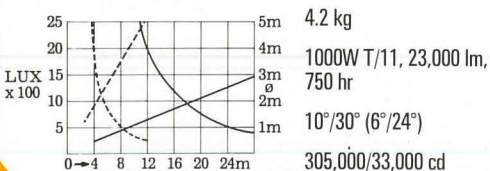
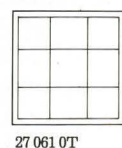
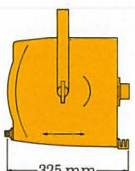
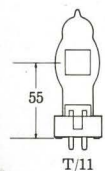
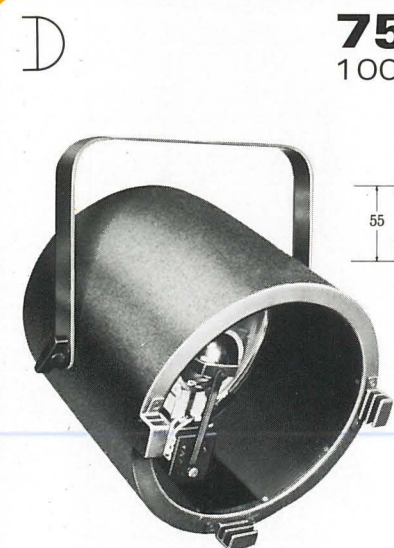
## EFFECTS PROJECTION

**252**  
2000W

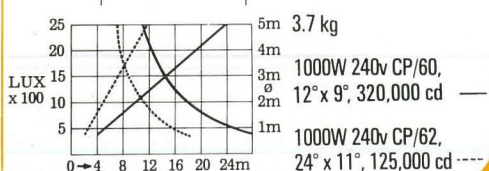
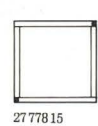
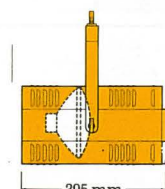
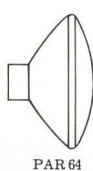


## BEAMLIGHTS

**750**  
1000W

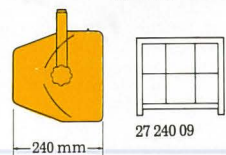
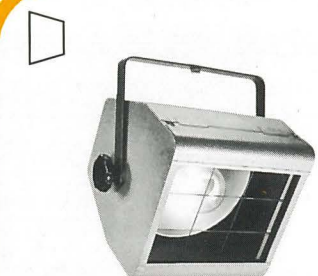


**ParBlazer**  
1000W

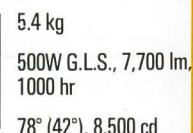
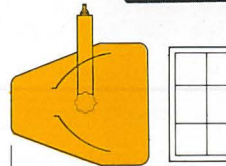


## FLOODLIGHTS

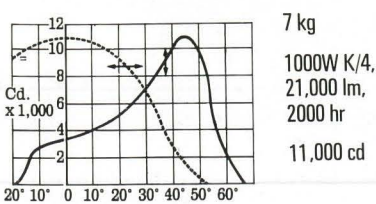
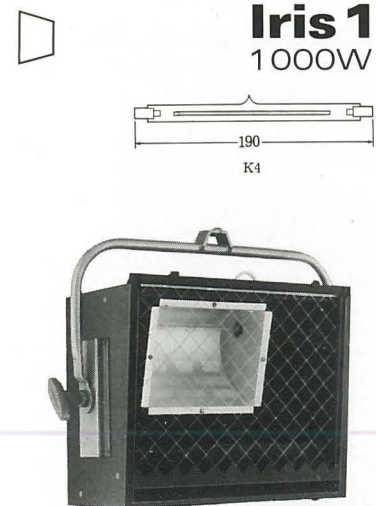
**137**  
200W



**60**  
500W



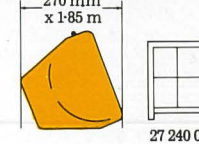
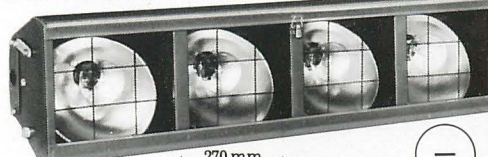
**Iris 1**  
1000W



**S/63,**  
**S/64**  
8 x 150W



**S/63/F, S/64/F**  
8 x 150W



## MOVING EFFECTS ATTACHMENTS

DISQUES À EFFETS  
MOTORISCHE EFFEKTVORSÄTZE  
EFFECTOS EN MOVIMIENTO

220-240v 50Hz, 475mm ø

Thunder Clouds	Nuages avec éclair	
Gewitterwolken	Nubes de truenos	24 653 01
Fleecy Clouds	Nuages moutonnés	
Schäffchenwolken	Nubes aborregadas	24 134 0T
Storm Clouds	Nuages de tempête	
Sturmwolken	Nubes de tormenta	24 135 05
Rain	Pluie	
Regen	Lluvia	24 136 00
Snow	Neige	
Schnee	Nieve	24 137 06
Running Water	Eau courante	
Fliessendes Wasser	Água corrente	24 138 01
Smoke	Fumée	
Rauch	Humo	24 140 05
Flames	Flammes	
Flammen	Llamas	24 141 00
Dissolving Colours	Couleurs courante	
Farbspiele	Colores disueltos	24 147 03
Chromosphere	Chromo-sphère	
Chromosphäre	Chromosfera	24 667 00
Psychedelic	Effet psychédélique	
Psychodelic	Psicodélico	24 723 04

## OBJECTIVE LENSES

DISPOSITIFS OPTIQUES		
OBJEKTIVE		
OBJETIVOS		
Focal length	f=6.5cm	24 151 08
Focale	f=7.5cm	24 152 03
Brennweite	f=10cm	24 153 09

# COLOUR FILTERS

FILTRES DE COULEURS  
FARBFILTER  
FILTROS DE COLOR

## 'CINEMOID'

SHEET SIZE Feuille  
Bogengröße Hoja  
1420 x 635mm x 0.25mm

1 Yellow	26 Mauve	52 Pale Gold
2 Light Amber	27 Smoky Pink	53 Pale Salmon
3 Straw	29 Heavy Frost	54 Pale Rose
4 Medium Amber	30 Clear	55 Chocolate Tint
5 Orange	31 Light Frost	56 Pale Chocolate
6 Red (Primary)	32 Medium Blue	57 Pink
7 Light Rose	33 Deep Amber	58 Deep Orange
9 Light Salmon	34 Golden Amber	60 Pale Grey
10 Middle Rose	35 Deep Golden Amber	61 Slate Blue
11 Dark Pink	36 Pale Lavender	62 Turquoise
12 Deep Rose	38 Pale Green	63 Sky Blue
13 Magenta	39 Primary Green	64 Medium Red
14 Ruby	40 Pale Blue	66 Pale Red
15 Peacock Blue	41 Bright Blue	67 Steel Tint
16 Cyan (Blue-Green)	42 Pale Violet	68 Giselle Blue
17 Steel Blue	43 Pale Navy Blue	69 Ariel Blue
18 Light Blue	45 Daylight	71 Lavender
19 Dark Blue	46 Chrome Yellow	72 Blue Frost
20 Deep Blue (Primary)	47 Apricot	73 Straw Tint
21 Pea Green	48 Bright Rose	74 Red Frost
22 Moss Green	49 Canary	75 Pale Golden Rose
23 Light Green	50 Pale Yellow	77 Green Tint
24 Dark Green	51 Gold Tint	78 Salmon Pink

## 'CHROMOID'

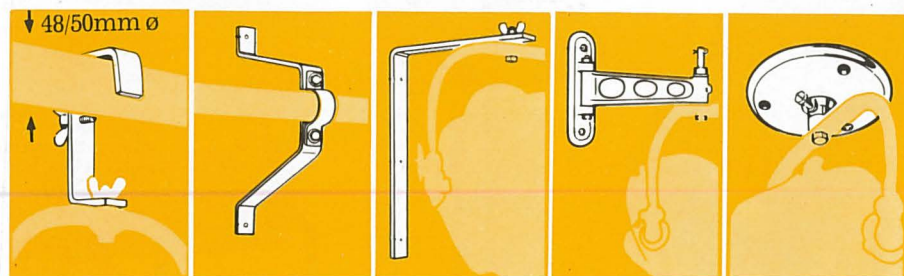
SHEET SIZE Feuille  
Bogengröße Hoja  
610 x 510mm x 0.05mm

91 Middle Blue	111 Rose	140 Sea Blue
92 Caspian Blue	113 Magenta	149 Canary
93 Blue	115 Peacock Blue	150 Pale Yellow
96 Medium Purple	116 Blue-Green	152 Pale Gold
97 Light Golden Amber	117 Steel Blue	157 Pink
98 Pale Golden Amber	119 Dark Blue	162 Turquoise
99 Tough Frost	122 Moss Green	164 Medium Red
101 Yellow	135 Deep Golden Amber	171 Lilac
106 Red	136 Light Lavender	175 Pale Golden Rose
107 Rose Pink	139 Green	178 Salmon

# STANDS, CLAMPS & BRACKETS

PIEDS, CROCHETS ET ÉQUERRES DE FIXATION  
STATIVE, KLAMMERN UND HALTERUNGEN  
TRIPODES, ABRAZADERAS, SOPORTES

**Safety chain** Chaîne de sureté, Sicherheitsseil,  
Cadena de seguridad 26 064 0T



26 483 07      26 631 09      26 238 09      26 247 00      26 367 0T

**FURTHER INFORMATION** on equipment illustrated here and overleaf, is available on request. Brochures are also available on Rank Strand complementary services, including Drapes and Stage Equipment, Electrical Contracting and also Strand Sound.



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# COLOUR CHANGE

CHANGEMENT DE COULEURS  
FARBWECHSLER  
CAMBIO DE COLORES



## Colour Change Wheel

Disque à moteur  
Farbwechselrad  
Rueda cambio de color  
24v 50Hz  
for/pour/für/para Modell  
**23, 803, 813, 814, 823, 833, T64, T84**  
23 890 07

## Control Box

Boîte de commande  
Steuerbox  
Caja control  
220-240v/24v 50Hz  
for/pour/für/para  
6 23 893 03  
4 wheels/disques/  
Räder/ruedas 23 892 08  
2 23 891 02

## Semaphore Colour Change

Dispositif à moteur pour changement  
de couleurs  
Elektromotorisch Farbwechsel-  
magazine  
Cambio color modelo semaforo  
24v 50Hz  
for/pour/für/para/Modell  
**803, 813, 814, 823, T64, T84** 23 781 00

for/pour/für/para Modell  
**743, 774, 808, 828** 23 881 05

## Control Box

Boîte de commande  
Steuerbox  
Caja control  
220-240v/24v 50Hz  
for/pour/für/para 6 23 888 03



26 896 09  
1-33m-2-38m

26 898 0T  
1-5m-3-5m

26 897 04  
0-9m-1-5m

The Company reserves the right to make any variation in design or construction to the equipment described.