

Formerly knn as



„NEW” -
REVISED
TECHNOLOGY

Events - Film - TV - Industry

Superspot 1800 W

Daylight for events - film - TV - industry

System characteristics

- Extremely robust
- Efficient cooling
- Parabolic reflector
- 4 diffusers

Advantages

- Portable for mobile use
- For continuous operation
- High light yield
- Variable light distribution

Superspot 1800 W

black
aluminium white

Art. No.: 68H4030
Art. No.: 68H4040

Technical details:

- Robust, 3-part cast-aluminium housing with thermally decoupled, hot-start ignition device and G 38 socket
- High-precision parabolic reflector for high light yield
- Patented reflector cooling
- Compact, with low temperatures at socket
- Easy to focus with spindle, spindle nut and toothed belt for precision
- Bulb is changed from the back in a no-tools, quick and easy operation
- Two-pole safety cut-off when the back of the light is opened
- Choice of 4 diffusers for variable light distribution
- Bulb: HMI 1800 W/SE/XS
- Black or aluminium-white powder-coat finish, high-temperature resistant
- Sizes 520 x 330 mm, lens diameter 300 mm
- Weight approx. 12 kg

Accessories:

black / aluminium white

01. Four-way barndoor	Art. No.: 68H4014 / 4004
02. Diffuser, narrow spot (No. 1/blue)	Art. No.: 68H3060 / 3050
03. Diffuser, medium flood (No. 2/black)	Art. No.: 68H3062 / 3052
04. Diffuser, wide flood (No. 3/white)	Art. No.: 68H3064 / 3054
05. Diffuser, very wide flood (No. 4/red)	Art. No.: 68H3066 / 3056
06. Safety rope, 4 mm	Art. No.: 92M0520
07. Safety rope, 2 mm	Art. No.: 92M0525
08. Expotruss trigger clamp	Art. No.: 91M0851
09. Extension cable, 2.5 m	Art. No.: 51C0696
10. Extension cable, 5.0 m	Art. No.: 51C0697
11. Extension cable, 10.0 m	Art. No.: 51C0695
12. Multicore cable, 5.0 m	Art. No.: 51C0704
13. Multicore cable, 10.0 m	Art. No.: 51C0706
14. Multicore cable, 20.0 m	Art. No.: 51C0708
15. Bulb, HMI 1800W/SE/XS	Art. No.: 72H0353
16. Split box, 3x Schaltbau	Art. No.: 51C0760
17. Split cable, 3x Schaltbau	Art. No.: 51C0761

Split box:

Art. No.: 51C0760

- Robust plastic housing
- Black with silkscreen printing
- Input Schaltbau M 3, 12+E, output 3x M 1, 6+E
- Sizes 185 x 105 x 50 mm



Split cable:

Art. No.: 51C0761

- Cable length 0.5 m
- Input Schaltbau M 3, 12+E, output 3 x M 1, 6+E



Ballasts:

The electronic ballasts have active power factor control (PFC) and are compliant with EN 61000-3-2. Compact and lightweight, they are suitable for mobile use. Output power remains constant irrespective of input voltage and is dimmable down to 50 %. The 140 Hz square-wave current waveform ensures flicker-free lighting.

The Event- and Studio-line ballasts are available as single ballasts or as 19" rack configurations with triple ballasts.

All are dimmable to 50 %.

All three versions are available with DMX control for switching and dimming.

Event- / Studio-line ballasts:

The ballast in its sturdy aluminium housing can be set upright or flat.

Output power is switchable between 1200 W and 1800 W and between 1800 W and 2500 W by key switch.

Active fan cooling prevents overheating and switch-off even when ambient temperatures are high. The line power input can be locked to prevent inadvertent disconnection from the power source.

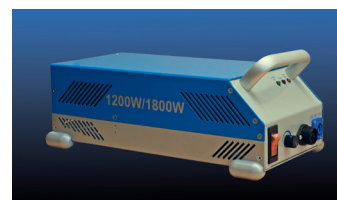
Event-line ballast 1.200 W / 1.800 W, without DMX control:

Art. No. : 61E1370

Event-line ballast 1.200 W / 1.800 W, with DMX control:

Art. No. : 61E1371

- Input voltage 190 – 260 V / 50 Hz
- Current consumption 7 / 10 A
- Power factor 0.99
- Output 1.200 W / 1.800 W
- Dimensions 380 x 200 x 140 mm
- Weight approx. 6.8 kg



Studio-line ballast 1.800 W / 2.500 W, without DMX control:

Art. No. : 68140

Studio-line ballast 1.800 W / 2.500 W, with DMX control:

Art. No. : 68141

- Input voltage 190 – 260 V / 50 Hz
- Current consumption 10 / 13 A
- Power factor 0.99
- Output 1.800 W / 2.500 W
- Dimensions 410 x 320 x 160 mm
- Weight approx. 12 kg



19" rack inserts:

The insert houses 3 ballasts. Each ballast receives one phase input, the light outputs are grouped into a Schaltbau M 3 socket.

The keyswitch at the back of the insert is for selecting the 1200 W or 1800 W output rating. The CEE 16 A 5-pole line IN socket is also located at the back of the insert.

19" insert 1.200 W / 1.800 W without DMX control:
19" insert 1.200 W / 1.800 W with DMX control:

Art. No. : 61E0840
 Art. No. : 61E0841

- Input voltage 190 – 260 V, 3-phase 50 Hz
- Current consumption 7 / 10 A per phase
- Power factor 0.99
- Output 3x 1200 W / 1800 W
- Dimensions 19", 4U
- Weight 22 kg



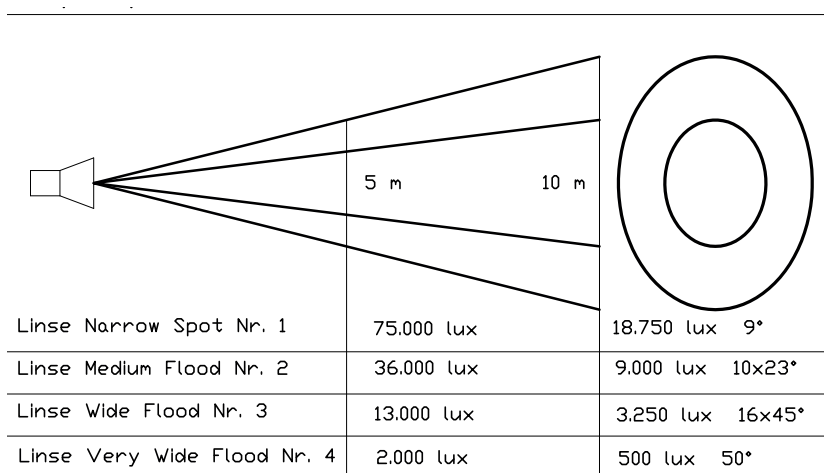
Power insert 4 outputs
Power insert 7 outputs

Art. No. : 61E0783
 Art. No. : 61E0784

- 4 or 7 3-phase, fuse-protected outputs
- Multifunction display for all 3 phases
- RCD 63 A / 30 mA
- Main fuse 63 A, 3-phase
- Connecting cable 1.5 m with CEE plug, 63 A
- 19" insert, 4U



Photometric data



hönle group Sunlight simulation Lighting Electronic ballasts

aladin eleco-efd eltosch grafix höhle mitronic panacol printconcept raesch uv-technik speziallampen



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All technical and process-relevant specifics depend on the application and may differ from the data stated here.
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