



# POWERDISK

LARGE AREA LIGHTING



### URNS NIGHT INTO DAY – A MOBILE MASTERPIECE

It's the perfect choice whenever you need even and powerful lighting quickly: the POWERDISK made by SONLUX. Equipped with the very latest LED technology including passive cooling, this wide area luminaire is a mobile masterpiece; because it combines maximum light output and mobility with superbly simple handling and outstanding robustness. The POWERDISK provides a remarkable 57,000 lumen of actually available luminous flux to powerfully and safely illuminate building and assembly sites or sports and leisure events, or to aid rescue and emergency operations.

### ADDITIONAL ADVANTAGES

- ⊕ Quick one-man installation
- ⊕ Maintenance-free (passive cooling)
- ⊕ Suitable for wind loads up to 150 km/h
- ⊕ Robust, impact-resistant construction
- ⊕ Anti-glare illumination thanks to opal cover
- ⊕ Dimmable
- ⊕ Environmentally friendly and conserves resources thanks to replaceable components



IP 65

IK10





## POSSIBLE APPLICATIONS

- + Building trade
- + Industry
- + Emergency and rescue services  
(technical relief services, police, fire service,  
Red Cross, etc.)
- + Event management

# POWERDISK

## Features



Luminaire tested for use with limited surface temperature according to DIN EN 60598-2-24

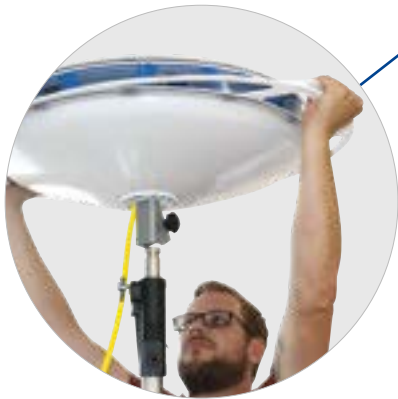


High degree of protection IP 65



Impact-resistant and break-proof housing

Glare-reduced light thanks to opal cover lens made of impact-resistant and non-yellowing polycarbonate

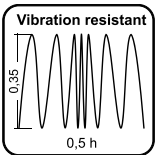


Quick one-person installation



**DUSTPROOF**

 as per  
DIN EN 60598-1  
DIN EN 60529

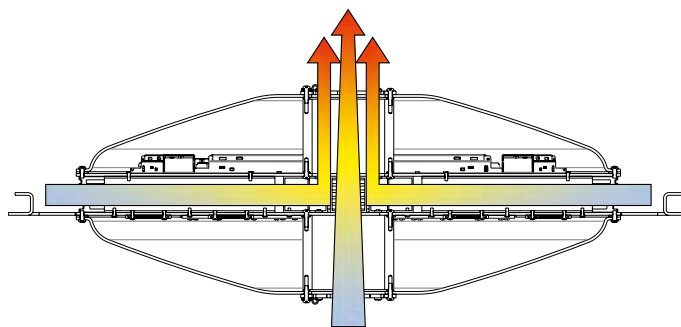


**VIBRATION STABILITY**

 as per  
DIN EN 60598-1

## How passive cooling works

In our passively cooled lighting fixtures, the heat inside the fixture is dissipated via an aluminium element, thus obviating the need for active cooling and rendering the lighting fixtures maintenance free.



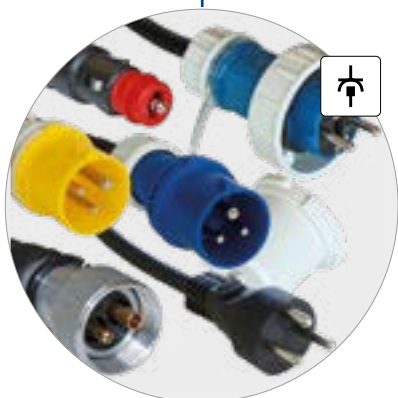
Environmentally friendly and conserves resources thanks to replaceable components

Versions with Casambi Bluetooth® control for wireless networking available

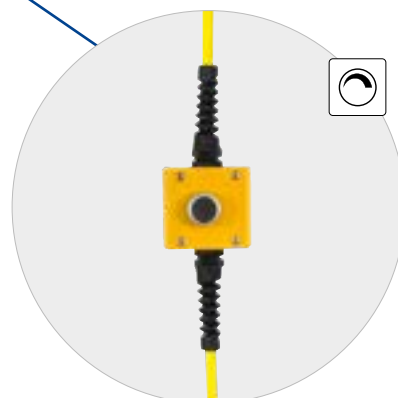


Integrated handle

Different connector systems and longer power supply cable on request

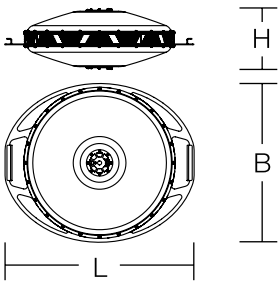


Dimmable version with push button switchable (I / 0, 1 ... 100 %)





Housing aluminum / stainless steel, cover plastic (polycarbonate, opal), 10 m power supply cable with mains plug, incl. adapter for spigot 30 mm (DIN 14640).



L 750, B 630, H 250 mm

- 

57.000 lm  
..... effective
- 

5.000 K\*, R<sub>a</sub> ≥ 80  
..... 24 x COB-LED
- 

10 m, H07BQ-F  
..... yellow
- 

..... IK10

\*3.000 K / 4.000 K - on request

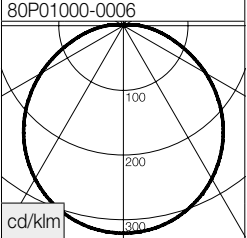
|  | P     |  |  |  |  |  |
|-----------------------------------------------------------------------------------|-------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 230 V, 50-60 Hz                                                                   |       |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| 80P01000-0006                                                                     | 380 W | 1 ... 100 %                                                                       | I                                                                                   | IP 65                                                                               | E+F                                                                                 | 15,7 kg                                                                             |
| 80P02000-0006                                                                     | 380 W | -                                                                                 | I                                                                                   | IP 65                                                                               | E+F                                                                                 | 14,8 kg                                                                             |
| 80P01001-0006                                                                     | 380 W | 1 ... 100 %                                                                       | I                                                                                   | IP 65                                                                               | E+F <sup>68</sup>                                                                   | 15,7 kg                                                                             |
| 80P02001-0006                                                                     | 380 W | -                                                                                 | I                                                                                   | IP 65                                                                               | E+F <sup>68</sup>                                                                   | 14,8 kg                                                                             |
| 80P01006-0006                                                                     | 380 W | 1 ... 100 %                                                                       | I                                                                                   | IP 65                                                                               | CEE 6h                                                                              | 15,7 kg                                                                             |
| 80P02006-0006                                                                     | 380 W | -                                                                                 | I                                                                                   | IP 65                                                                               | CEE 6h                                                                              | 14,8 kg                                                                             |
| 80P010CH-0006                                                                     | 380 W | 1 ... 100 %                                                                       | I                                                                                   | IP 65                                                                               | J                                                                                   | 15,7 kg                                                                             |
| 80P020CH-0006                                                                     | 380 W | -                                                                                 | I                                                                                   | IP 65                                                                               | J                                                                                   | 14,8 kg                                                                             |

E+F

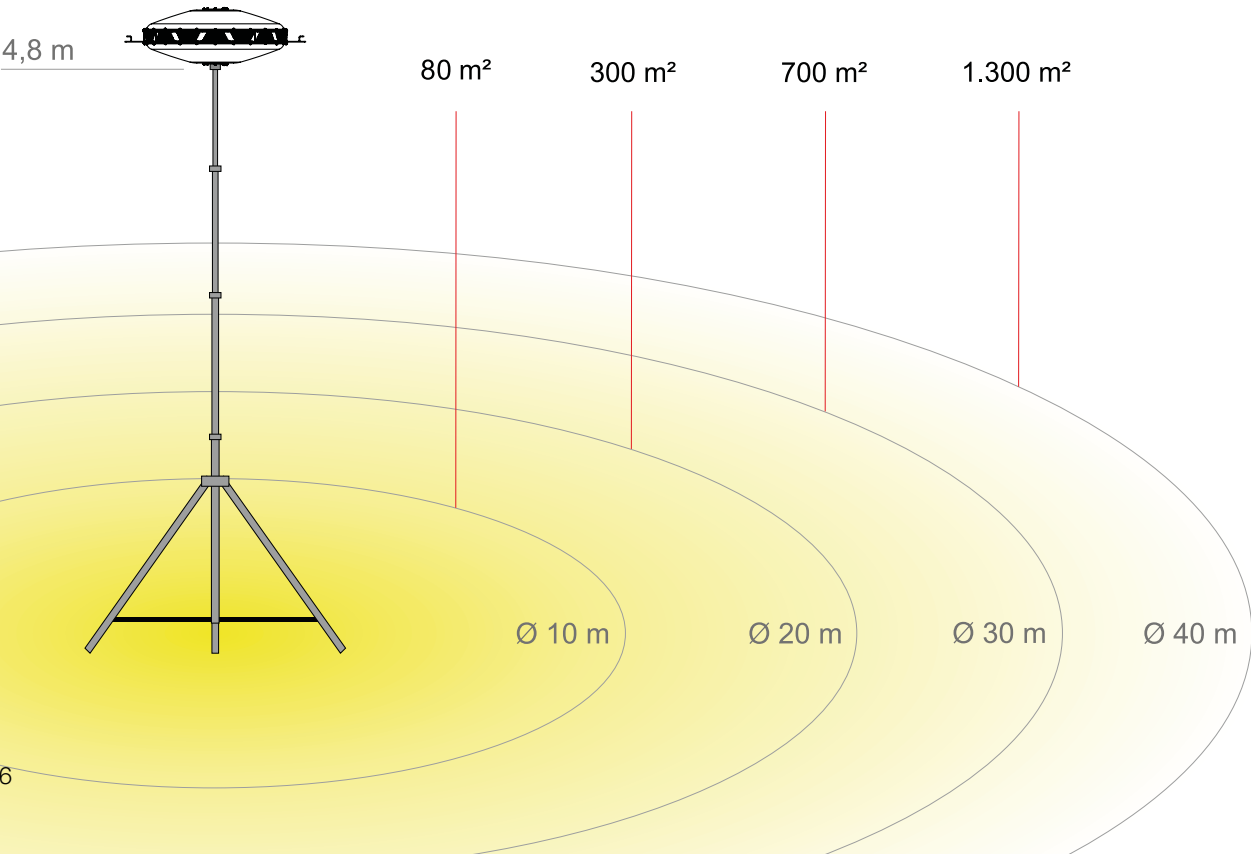
E+F<sup>68</sup>

CEE 6h

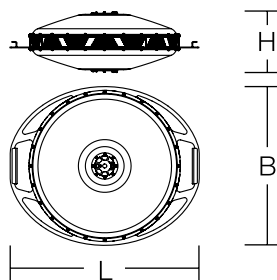
J



| h (m) | Ø (m) | E (lx) |
|-------|-------|--------|
| 3     | 9,40  | 2017   |
| 5     | 15,67 | 726    |
| 10    | 31,34 | 182    |
| 20    | 62,68 | 45     |
| 30    | 94,02 | 20     |



Housing aluminum / stainless steel, cover plastic (polycarbonate, opal), 10 m power supply cable with mains plug, incl. adapter for spigot 30 mm DIN 14640).



L 750, B 630, H 250 mm



|                 | P     |             |   |       |                   |         |
|-----------------|-------|-------------|---|-------|-------------------|---------|
|                 |       |             |   |       |                   |         |
| 230 V, 50-60 Hz |       |             |   |       |                   |         |
| 80P01000-0006.B | 380 W | 1 ... 100 % | I | IP 65 | E+F               | 15,6 kg |
| 80P01001-0006.B | 380 W | 1 ... 100 % | I | IP 65 | E+F <sup>68</sup> | 15,6 kg |
| 80P01006-0006.B | 380 W | 1 ... 100 % | I | IP 65 | CEE 6h            | 15,6 kg |
| 80P010CH-0006.B | 380 W | 1 ... 100 % | I | IP 65 | J                 | 15,6 kg |

$\Phi_v$  ..... 57.000 lm  
..... effective

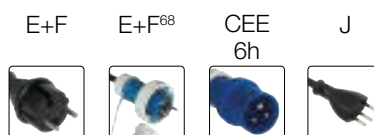
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..... 24 x COB-LED

..... 10 m, H07BQ-F  
..... yellow

..... IK10

\*3.000 K / 4.000 K - on request

| 80P01000-0006.B | h (m) | Ø (m) | E (lx) |
|-----------------|-------|-------|--------|
|                 | 3     | 9,40  | 2017   |
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|                 | 10    | 31,34 | 182    |
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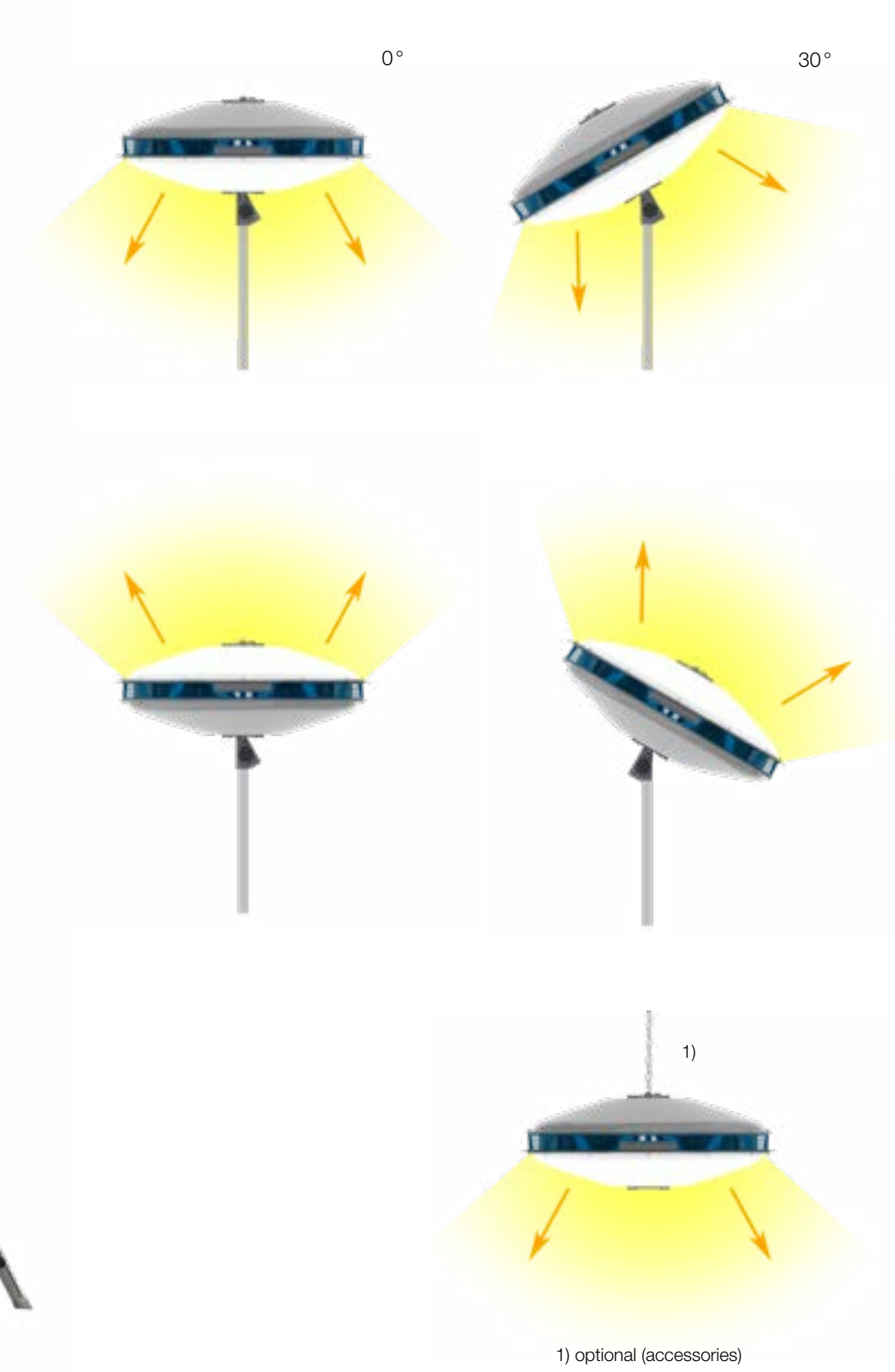


## Smart Control

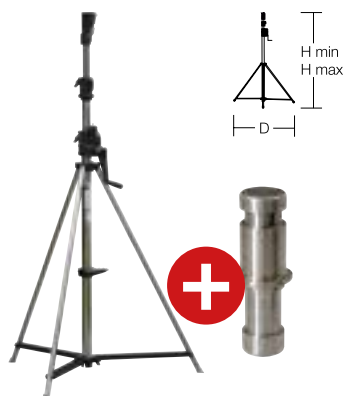
Smart Control stands for the intelligent remote control of our luminaires via mobile app from a mobile phone or tablet. It doesn't matter whether individual luminaires or groups of luminaires are to be controlled. All luminaires - even existing ones - can be controlled together with an integrated „Casambi“ module. Thus also our POWERTUBE II, POWERDISK and POWERCASE L. The luminaires are networked via Bluetooth from the mobile device to the luminaire and from luminaire to luminaire, which considerably increases the range of the luminaire network.

- ON/OFF
- Dimming
- Timer
- Scenes
- Animations









### Crank tripod "Premium"

Steel, chrome plated, suitable for 16 & 28 mm spigots, safety bolt, load capacity 30 kg, self braking clutch/winch, fold-away crank, one adjustable stand to compensate uneven terrain

**incl. tripod adapter** 28 mm/30 mm (DIN 14640)

Packed dimensions:

L 1.850, B 230, H 160 mm



95-0060-0014.D



H max 3800, H min 1740, D 1300 mm



22,5 kg



### Crank tripod „LightmaXX“

Galvanised steel, chrome-plated and powder-coated, with spigot adapter, automatic safety lock, load capacity 85 kg, 1 foot adjustable for levelling on uneven ground, self-braking coupling, fold-away elevator

**incl. tripod adapter** 28 mm/30 mm (DIN 14640)

**incl. clamping kit for tripod**

Pack dimensions:

L 1.810, B 300, H 250 mm



95-0294-0014



H max 4130, H min 1750, D 1730 mm



25,0 kg



### Hinged feet with rubber pad

For crank tripod "Premium", stainless steel, Set (3 pieces)



95-0266-0001



0,43 kg



### Bracing set

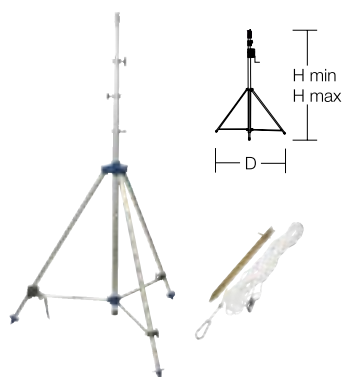
3 x rope cord and peg



95-0267-0001



1,1 kg



### Tripod "Professionell"

Stainless steel, air-cushioned for safe and comfortable operation, adjustable stand to compensate uneven terrain, load capacity 25 kg, with standard spigot 30 mm (DIN 14640), including bracing set (3 x rope cord and peg)

Packed dimensions:

L 1.120, B 200, H 200 mm



95-0257-0014



H max 4450, H min 1100, D 1600 mm



13,3 kg

**Carrier box for  
Tripod "Premium"**

Wood, 2 carrier handles  
(set with tripod: right side)



|                                                                                   |              |                                                                                                           |                                                                                           |
|-----------------------------------------------------------------------------------|--------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
|  | 95-0265-0040 |  L 1990, B 325, H 225 mm |  21,2 kg |
|-----------------------------------------------------------------------------------|--------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|

**Carrier box for  
Tripod "Professionell"**

Wood, 3 carrier handles



|                                                                                   |              |                                                                                                           |                                                                                           |
|-----------------------------------------------------------------------------------|--------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
|  | 95-0258-0040 |  L 1210, B 265, H 225 mm |  11,9 kg |
|-----------------------------------------------------------------------------------|--------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|

**Carrier bag for  
Tripod "Professionell"**

Black, 2 carrier handles and  
shoulder belt



|                                                                                     |              |                                                                                                             |                                                                                            |
|-------------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
|  | 95-0264-0001 |  L 1150, B 130, H 240 mm |  0,6 kg |
|-------------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|

**Set  
Tripod "Professionell"**

The set includes:  
Tripod "Professionell", load capacity 25 kg,  
carrier box

|                                                                                     |                |                                                                                                             |                                                                                             |
|-------------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
|  | 95-0257-0014S1 |  L 1210, B 265, H 225 mm |  25,1 kg |
|-------------------------------------------------------------------------------------|----------------|-------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|


**Set  
Crank tripod "Premium"**

The set includes:  
Crank tripod "Premium", load capacity 30 kg,  
tripod adapter, bracing set, carrier box

|                                                                                     |                |                         |                                                                                             |
|-------------------------------------------------------------------------------------|----------------|-------------------------|---------------------------------------------------------------------------------------------|
|  | 95-0060-0014S1 | L 1990, B 325, H 225 mm |  44,0 kg |
|-------------------------------------------------------------------------------------|----------------|-------------------------|---------------------------------------------------------------------------------------------|



## Accessories



### Tripod adapter 28 mm/30 mm (DIN 14640)

Stainless steel, for connection to existing stands with 28 mm

|                                                                                                |                                                                                                  |                                                                                            |
|------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
|  95-0254-0014 |  L 108, D 38 mm |  0,5 kg |
|------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|



### Adapter for suspended mounting

Ø 17 mm

|                                                                                                |                                                                                                       |                                                                                             |
|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
|  95-0255-0014 |  L 70, B 65, H 72 mm |  0,12 kg |
|------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|



### Carrier bag for "POWERDISK"

Handles, shoulder belt and transport rollers

|                                                                                                  |                                                                                                            |                                                                                              |
|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
|  95-0259-0001 |  L 850, B 240, H 680 mm |  6,6 kg |
|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|



### Carrier box for "POWERDISK"

Wood, 2 carrier handles

|                                                                                                  |                                                                                                            |                                                                                             |
|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
|  95-0256-0040 |  L 740, B 290, H 805 mm |  17 kg |
|--------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|

**Set  
„POWERDISK“**

The set includes:  
“POWERDISK”,  
adapter for suspended mounting,  
carrier bag

|  | P     |  |  |  |  |
|-----------------------------------------------------------------------------------|-------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| 230 V, 50-60 Hz                                                                   |       |                                                                                   |                                                                                   |                                                                                   |                                                                                   |
| 80P01000-0006S2                                                                   | 380 W | ✓                                                                                 | I                                                                                 | IP 65                                                                             | E+F                                                                               |
| 80P02000-0006S2                                                                   | 380 W | -                                                                                 | I                                                                                 | IP 65                                                                             | E+F                                                                               |
| 80P01001-0006S2                                                                   | 380 W | ✓                                                                                 | I                                                                                 | IP 65                                                                             | E+F <sup>68</sup>                                                                 |
| 80P02001-0006S2                                                                   | 380 W | -                                                                                 | I                                                                                 | IP 65                                                                             | E+F <sup>68</sup>                                                                 |
| 80P01006-0006S2                                                                   | 380 W | ✓                                                                                 | I                                                                                 | IP 65                                                                             | CEE 6h                                                                            |
| 80P02006-0006S2                                                                   | 380 W | -                                                                                 | I                                                                                 | IP 65                                                                             | CEE 6h                                                                            |
| 80P010CH-0006S2                                                                   | 380 W | ✓                                                                                 | I                                                                                 | IP 65                                                                             | J                                                                                 |
| 80P020CH-0006S2                                                                   | 380 W | -                                                                                 | I                                                                                 | IP 65                                                                             | J                                                                                 |


**Set  
„POWERDISK“**

The set includes:  
“POWERDISK”,  
adapter for suspended mounting,  
carrier box

|  | P     |  |  |  |  |
|-------------------------------------------------------------------------------------|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 230 V, 50-60 Hz                                                                     |       |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| 80P01000-0006S1                                                                     | 380 W | ✓                                                                                   | I                                                                                   | IP 65                                                                               | E+F                                                                                 |
| 80P02000-0006S1                                                                     | 380 W | -                                                                                   | I                                                                                   | IP 65                                                                               | E+F                                                                                 |
| 80P01001-0006S1                                                                     | 380 W | ✓                                                                                   | I                                                                                   | IP 65                                                                               | E+F <sup>68</sup>                                                                   |
| 80P02001-0006S1                                                                     | 380 W | -                                                                                   | I                                                                                   | IP 65                                                                               | E+F <sup>68</sup>                                                                   |
| 80P01006-0006S1                                                                     | 380 W | ✓                                                                                   | I                                                                                   | IP 65                                                                               | CEE 6h                                                                              |
| 80P02006-0006S1                                                                     | 380 W | -                                                                                   | I                                                                                   | IP 65                                                                               | CEE 6h                                                                              |
| 80P010CH-0006S1                                                                     | 380 W | ✓                                                                                   | I                                                                                   | IP 65                                                                               | J                                                                                   |
| 80P020CH-0006S1                                                                     | 380 W | -                                                                                   | I                                                                                   | IP 65                                                                               | J                                                                                   |



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## Mobiles Licht für Profis – Made in Germany

Portable light for professionals – Made in Germany

*Éclairage mobile pour les professionnels –  
Fabriqué en Allemagne*

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info@sonlux.de



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