YOUR WISH IS OUR COMMAND

# LED**PLAZA**
LIGHTS FOR INDOOR AND
OUTDOOR LIGHTNING

GIFAS
ELECTRIC

GIFAS-ELECTRIC GmbH    Pebering Straß 2    5301 Eugendorf bei Salzburg    AUSTRIA
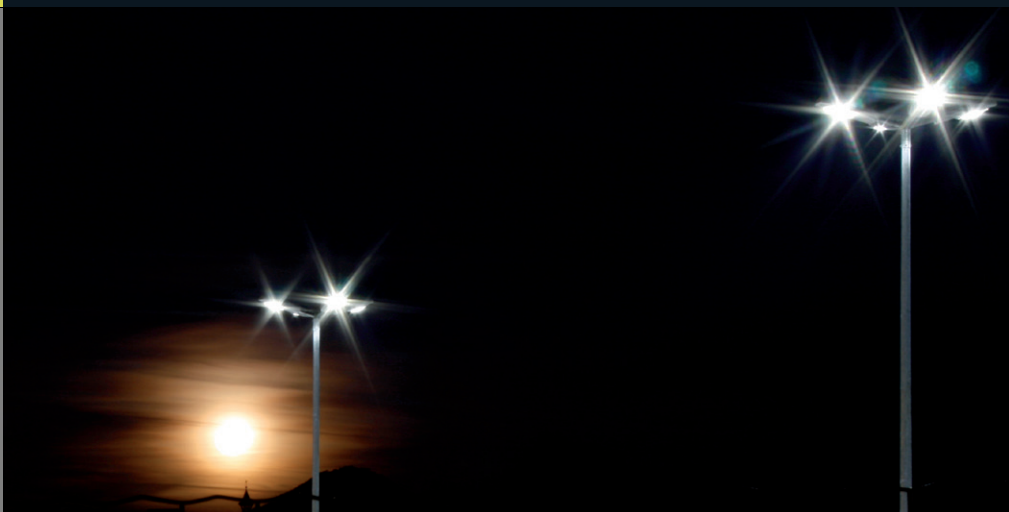
**LED light PLAZA flood- and spotlight**

**LED pendant light PLAZA**

**LED street light PLAZA**

**Use: Indoor and Outdoor**

Advertising panels, gateways to yards, illumination of storefronts and objects, for emergency and salvage services, schools, public buildings...

Appropriate for all areas, that need a broad illumination area.

**Advantages**
- Full luminous flux is immediately available
- Less power consumption at very high utilization ratio
- Minimum of temperature growth
- Extremely consistent in switching (>1 Mio)
- Maintenance free
- Broad operating range
  -40°C up to +55°C
- No UV/IR-radiation
- Insensible against pushing and vibrations

**Already included in the scope of delivery:**
- retaining bracket for ceiling- wall- or floormounting

| | |
|---|---|
| LED Power | 10W |
| Voltage | 230V AC |
| LED lighting efficiency | 80lm/W |
| CRI-Index (colour rend. index) | Ra>80 |
| Lifetime of LED | >50.000h |
| Loss of luminous flux | <10% |
| LED Consistency of switching | >1 Mio |
| Corralated colour temperature | 5.500K |
| Operating range of temperature | -40°C up to +55°C |
| Material housing + reflector | aluminium |
| Colour | silver-grey |
| Cover | 5mm safety-glass |
| International protection / protection class | IP65 / I |
| Weight | 0,8kg |
| Dimensions L x W x H | 114 x 86 x 87 mm |

**Lightning colour coolwhite 5.500K**

| Watt | EDP-No. | Product-ID-No. |
|---|---|---|
| 10W | 92708 | 901.FLOOD.LED.10W.CW.230VAC.S3.M |
| | | with 3m cable with non-rewireable Schuko plug |
| | | 16A 230V (IP44) |

# LED Floodlight **PLAZA 925**
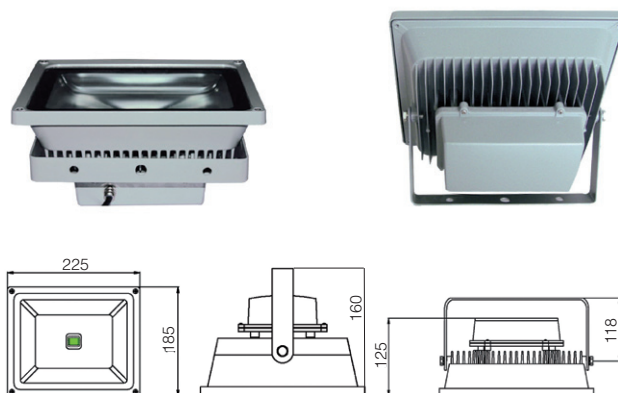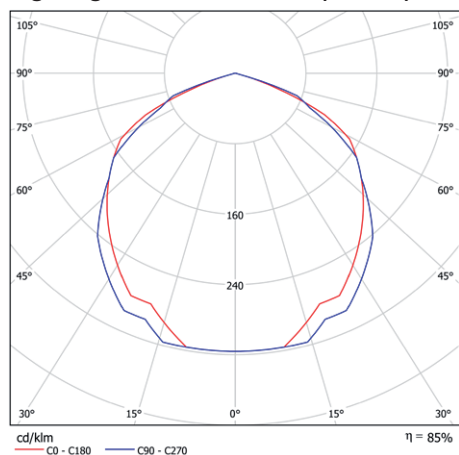


225    .185    160    125    118

**Use: Indoor and Outdoor**

Advertising panels, gateways to yards, illumination of sto-refronts and objects, for emergency and salvage services, schools, public buildings...

Appropriate for all areas, that need a broad illumination area.

**Advantages**
• Full luminous flux is immediately available
• Less power consumption at very high utilization ratio
• Minimum of temperature growth
• Extremely consistent in switching (>1 Mio)
• Maintenance free
• Broad operating range
  -40°C up to +55°C
• No UV/IR-radiation
• Insensible against pushing and vibrations

**Already included in the scope of delivery:**
• retaining bracket for ceiling- wall- or floormounting

**Lighting distribution curve (at 30W)**



| LED Power | 30W |
|---|---|
| Voltage | 230V AC |
| LED lighting efficiency | 100lm/W |
| CRI-Index (colour rend. index) | Ra>80 |
| Lifetime of LED | >50.000h |
| Loss of luminous flux | <10% |
| LED Consistency of switching | >1 Mio |
| Corralated colour temperature | 5.500K |
| Operating range of temperature | -40°C up to +55°C |
| Material housing + reflector | aluminium |
| Colour | silver-grey |
| Cover | 5mm safety-glass |
| International protection / protection class | IP65 / I |
| Weight | 2,3kg |
| Dimensions L x W x H | 225 x 185 x 125 mm |

**Lightning colour coolwhite 5.500K**

| Watt | EDP-No. | Product-ID-No. |
|---|---|---|
| 30W | 91110 | 925.FLOOD.LED.30W.CW.230VAC.IP65.S3.GG.M with 3m Proflex cable with non-rewireable Schuko plug 16A 230V (IP44) |
| 30W | 91539 | 925.FLOOD.LED.30W.CW.230VAC.IP65.M without cable |

**Different powers, voltages and colour temperatures on request!**

225  185  160  125  118

### Use: Indoor and Outdoor
Specific accentuation in the facades and object lighting.

### Advantages
- Full luminous flux is immediately available
- Less power consumption at very high utilization ratio
- Minimum of temperature growth
- Extremely consistent in switching (>1 Mio)
- Maintenance free
- Broad operating range
  -40°C up to +55°C
- No UV/IR-radiation
- Insensible against pushing and vibrations

### Already included in the scope of delivery:
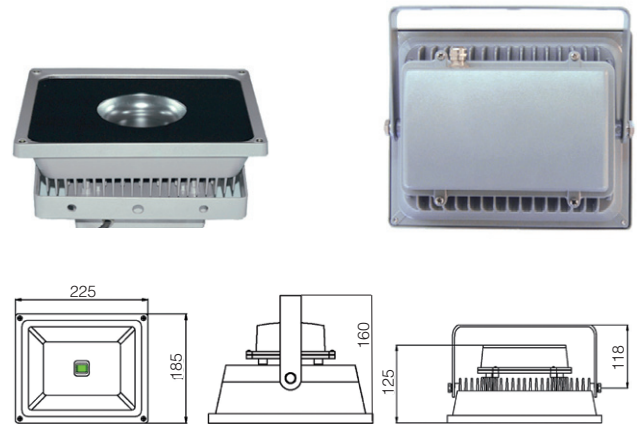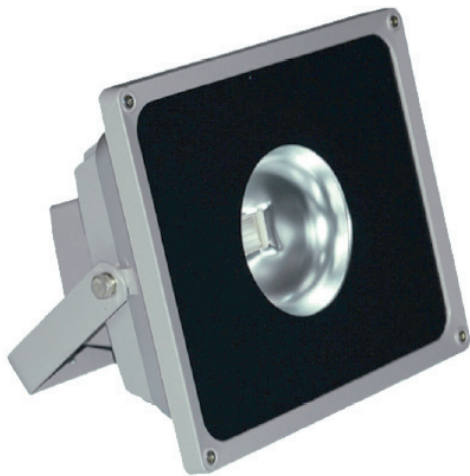- retaining bracket for ceiling- wall- or floormounting

| | |
|---|---|
| LED Power | 30W |
| Voltage | 230V AC |
| LED lighting efficiency | 100lm/W |
| CRI-Index (colour rend. index) | Ra>80 |
| Lifetime of LED | >50.000h |
| Loss of luminous flux | <10% |
| LED Consistency of switching | >1 Mio |
| Corralated colour temperature | 3.500K |
| Operating range of temperature | -40°C up to +55°C |
| Material housing + reflector | aluminium |
| Colour | silver-grey |
| Cover | 5mm safety-glass |
| International protection / protection class | IP65 / I |
| Weight | 2,3kg |
| Dimensions L x W x H | 225 x 185 x 125 mm |

**Lightning colour warmwhite 3.500K**

| Watt | EDP-No. | Product-ID-No. |
|---|---|---|
| 30W | 91112 | 925.SPOT.LED.30W.WW.230VAC.IP65.S3.GG.M with 3m Proflex cable with non-rewireable Schuko plug 16A 230V (IP44) |
| 30W | 91540 | 925.SPOT.LED.30W.WW.230VAC.IP65.M without cable |

**Lightning colour coolwhite 5.500K**

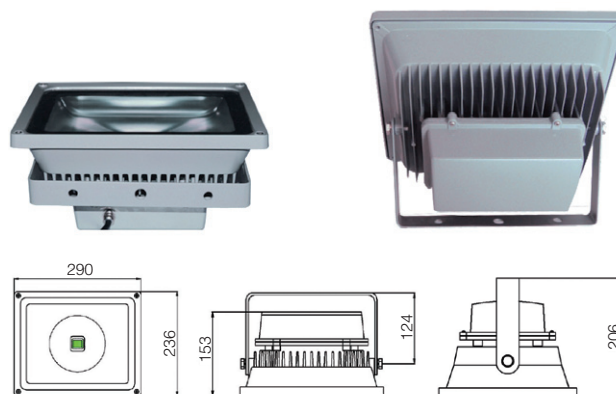| Watt | EDP-No. | Product-ID-No. |
|---|---|---|
| 30W | 93088 | 925.SPOT.LED.30W.CW.230VAC.IP65.S3.GG.M with 3m Proflex cable with non-rewireable Schuko plug 16A 230V (IP44) |
| 30W | 93089 | 925.SPOT.LED.30W.CW.230VAC.IP65.M without cable |

**Different powers, voltages and colour temperatures on request!**
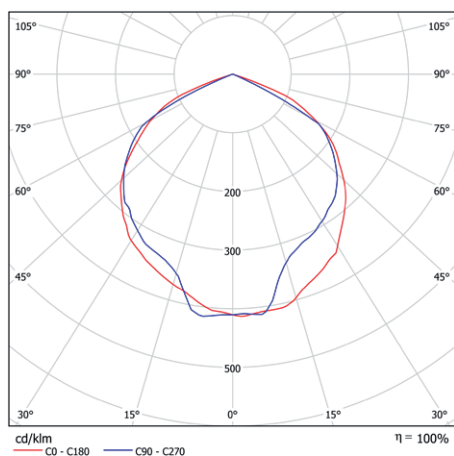
# LED Floodlight **PLAZA 990**





**Use: Indoor and Outdoor**

Advertising panels, gateways to yards, illumination of sto-refronts and objects, for emergency and salvage services, schools, public buildings...

Appropriate for all areas, that need a broad illumination area.

**Lighting distribution curve (at 50W)**



**Advantages**

• Full luminous flux is immediately available
• Less power consumption at very high utilization ratio
• Minimum of temperature growth
• Extremely consistent in switching (>1 Mio)
• Maintenance free
• Broad operating range
  -40°C up to +55°C
• No UV/IR-radiation
• Insensible against pushing and vibrations

**Already included in the scope of delivery:**

• retaining bracket for ceiling- wall- or floormounting

| | |
|---|---|
| LED Power | 50W |
| Voltage | 230V AC |
| LED lighting efficiency | 100lm/W |
| CRI-Index (colour rend. index) | Ra>80 |
| Lifetime of LED | >50.000h |
| Loss of luminous flux | <10% |
| LED Consistency of switching | >1 Mio |
| Corralated colour temperature | 5.500K |
| Operating range of temperature | -40°C up to +55°C |
| Material housing + reflector | aluminium |
| Colour | silver-grey |
| Cover | 5mm safety-glass |
| International protection / protection class | IP65 / I |
| Weight | 3,3kg |
| Dimensions L x W x H | 290 x 236 x 206 mm |

**Lightning colour coolwhite 5.500K**

| Watt | EDP-No. | Product-ID-No. |
|---|---|---|
| 50W | 91113 | 990.FLOOD.LED.50W.CW.230VAC.IP65.S3.GG.M with 3m Proflex cable with non-rewireable Schuko plug 16A 230V (IP44) |
| 50W | 91541 | 990.FLOOD.LED.50W.CW.230VAC.IP65.M without cable |

**Different powers, voltages and colour temperatures on request!**

**Use: Indoor and Outdoor**
Specific accentuation in the facades and object lighting.

**Advantages**
• Full luminous flux is immediately available
• Less power consumption at very high utilization ratio
• Minimum of temperature growth
• Extremely consistent in switching (>1 Mio)
• Maintenance free
• Broad operating range
  -40°C up to +55°C
• No UV/IR-radiation
• Insensible against pushing and vibrations

**Already included in the scope of delivery:**
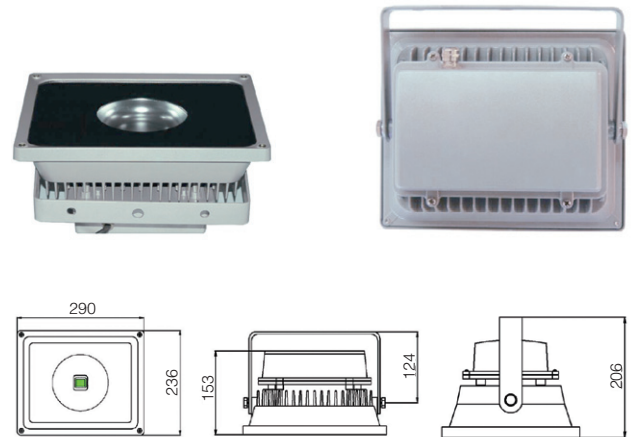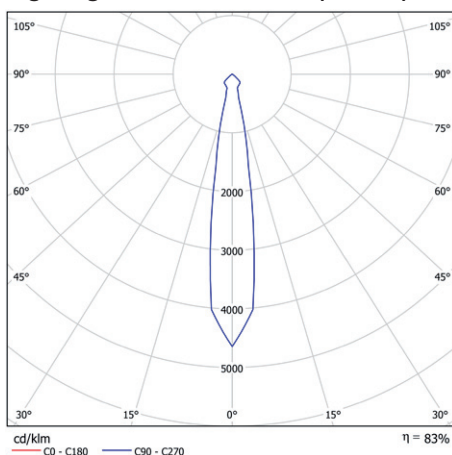• retaining bracket for ceiling- wall- or floormounting

**Lighting distribution curve (at 50W)**



| | |
|---|---|
| LED Power | 50W |
| Voltage | 230V AC |
| LED lighting efficiency | 100lm/W |
| CRI-Index (colour rend. index) | Ra>80 |
| Lifetime of LED | >50.000h |
| Loss of luminous flux | <10% |
| LED Consistency of switching | >1 Mio |
| Corralated colour temperature | 3.500K |
| Operating range of temperature | -40°C up to +55°C |
| Material housing + reflector | aluminium |
| Colour | silver-grey |
| Cover | 5mm safety-glass |
| International protection / protection class | IP65 / I |
| Weight | 3,3kg |
| Dimensions L x W x H | 290 x 236 x 206 mm |

**Lightning colour warmwhite 3.500K**

| Watt | EDP-No. | Product-ID-No. |
|---|---|---|
| 50W | 91115 | 990.SPOT.LED.50W.WW.230VAC.IP65.S3.GG.M |
| | | with 3m Proflex cable with non-rewireable Schuko |
| | | plug 16A 230V (IP44) |
| 50W | 91542 | 990.SPOT.LED.50W.WW.230VAC.IP65.M |
| | | without cable |

**Different powers, voltages and colour temperatures on request!**
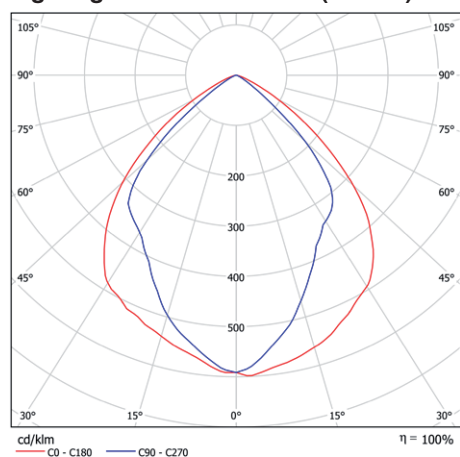
# LED Floodlight **PLAZA 960**



## Use: Indoor and Outdoor

Advertising panels, gateways to yards, illumination of storefronts and objects, for emergency and salvage services, schools, public buildings...

Appropriate for all areas, that need a broad illumination area.

## Advantages

• Full luminous flux is immediately available
• Less power consumption at very high utilization ratio
• Minimum of temperature growth
• Extremely consistent in switching (>1 Mio)
• Maintenance free
• Broad operating range
  -40°C up to +55°C
• No UV/IR-radiation
• Insensible against pushing and vibrations

## Already included in the scope of delivery:

• retaining bracket for ceiling- wall- or floormounting

## Lighting distribution curve (at 40W)



| | |
|---|---:|
| LED Power | 40W |
| Voltage | 230V AC / 24V DC |
| LED lighting efficiency | 100lm/W |
| CRI-Index (colour rend. index) | Ra>80 |
| Lifetime of LED | >50.000h |
| Loss of luminous flux | <10% |
| LED Consistency of switching | >1 Mio |
| Corralated colour temperature | 5.500K |
| Operating range of temperature | -40°C up to +55°C |
| Material housing + reflector | aluminium |
| Colour | black |
| Cover | 5mm safety-glass |
| International protection / protection class | IP65 / I |
| Weight | 3,3kg |
| Dimensions L x W x H | 262 x 185 x 230 mm |

### Lightning colour coolwhite 5.500K

| Watt | EDP-No. | Product-ID-No. |
|---|---|---|
| 40W | 91101 | 960.FLOOD.LED.40W.CW.230VAC.IP65.S3.GG.M with 3m cable with non-rewireable Schuko plug 16A 230V (IP44) |
| 40W | 91543 | 960.FLOOD.LED.40W.CW.230VAC.IP65.M without cable |

### Lightning colour coolwhite 5.500K - 24V DC

| Watt | EDP-No. | Product-ID-No. |
|---|---|---|
| 40W | 91127 | 960.FLOOD.LED.40W.CW.24VDC.IP65.M |

**Different powers, voltages and colour temperatures on request!**

**Use: Indoor and Outdoor**
Specific accentuation in the facades and object lighting.

**Advantages**
- Full luminous flux is immediately available
- Less power consumption at very high utilization ratio
- Minimum of temperature growth
- Extremely consistent in switching (>1 Mio)
- Maintenance free
- Broad operating range
  -40°C up to +55°C
- No UV/IR-radiation
- Insensible against pushing and vibrations

**Already included in the scope of delivery:**
- retaining bracket for ceiling- wall- or floormounting

**Lighting distribution curve (at 40W)**



| | |
|---|---|
| LED Power | 20W / 40W |
| Voltage | 230V AC / 24V DC |
| LED lighting efficiency | 100lm/W |
| CRI-Index (colour rend. index) | Ra>80 |
| Lifetime of LED | >50.000h |
| Loss of luminous flux | <10% |
| LED Consistency of switching | >1 Mio |
| Corralated colour temperature | 5.500K |
| Operating range of temperature | -40°C up to +55°C |
| Material housing + reflector | aluminium |
| Colour | black |
| Cover | 5mm safety-glass |
| International protection / protection class | IP65 / I |
| Weight | 3,3kg |
| Dimensions L x W x H | 262 x 185 x 230 mm |

**Lightning colour coolwhite 5.500K**

| Watt | EDP-No. | Product-ID-No. |
|---|---|---|
| 40W | 91106 | 960.SPOT.LED.40W.CW.230VAC.IP65.S3.GG.M |
| | | with 3m cable with non-rewireable Schuko plug |
| | | 16A 230V (IP44) |
| 40W | 91544 | 960.SPOT.LED.40W.CW.230VAC.IP65.M |
| | | without cable |

**Lightning colour coolwhite 5.500K - 24V DC**

| Watt | EDP-No. | Product-ID-No. |
|---|---|---|
| 20W | 91128 | 960.SPOT.LED.20W.CW.24VDC.IP65.M |

**Different powers, voltages and colour temperatures on request!**
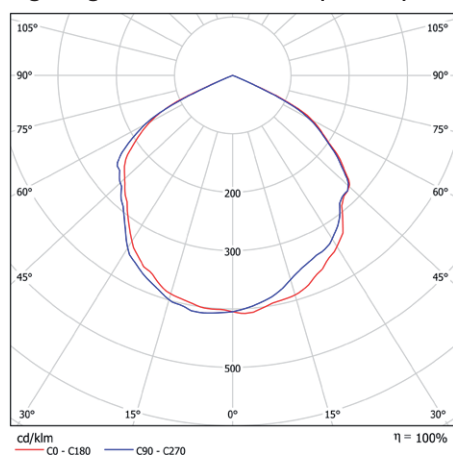
# LED Floodlight **PLAZA 970**



**Use: Indoor and Outdoor**
Industrial halls, advertising panels, gateways to yards, facades, objects, sport facilities, traffic tunnel . . .

Appropriate for all areas, that need a broad illumination area.

**Lighting distribution curve (at 70W)**



**Advantages**
- Full luminous flux is immediately available
- Less power consumption at very high utilization ratio
- Minimum of temperature growth
- Extremely consistent in switching (>1 Mio)
- Maintenance free
- Broad operating range
  -40°C up to +55°C
- No UV/IR-radiation
- Insensible against pushing and vibrations

**Already included in the scope of delivery:**
- retaining bracket for ceiling- wall- or floormounting

**Accessory:**
- Wheel holder (91012)
  (see page 16)

| | |
|---|---|
| LED Power | 50W / 70W |
| Voltage | 230V AC / 24V DC |
| LED lighting efficiency | 100lm/W |
| CRI-Index (colour rend. index) | Ra>80 |
| Lifetime of LED | >50.000h |
| Loss of luminous flux | <10% |
| LED Consistency of switching | >1 Mio |
| Corralated colour temperature | 5.500K |
| Operating range of temperature | -40°C up to +55°C |
| Material housing + reflector | aluminium |
| Colour | black |
| Cover | 5mm safety-glass |
| International protection / protection class | IP65 / I |
| Weight | 7,4kg |
| Dimensions L x W x H | 393 x 285 x 93 mm |

**Lightning colour coolwhite 5.500K**

| Watt | EDP-No. | Product-ID-No. |
|---|---|---|
| 50W | 91087 | 970.FLOOD.LED.50W.CW.230VAC.IP65.HI.M |
| 70W | 91090 | 970.FLOOD.LED.70W.CW.230VAC.IP65.HI.M |

**Lightning colour coolwhite 5.500K - 24V DC**

| Watt | EDP-No. | Product-ID-No. |
|---|---|---|
| 70W | 91086 | 970.FLOOD.LED.70W.CW.24VDC.IP65.HI.M |

**Different powers, voltages and colour temperatures on request!**

**Use: Indoor and Outdoor**
Specific accentuation in the facades and object lighting.

**Advantages**
- Full luminous flux is immediately available
- Less power consumption at very high utilization ratio
- Minimum of temperature growth
- Extremely consistent in switching (>1 Mio)
- Maintenance free
- Broad operating range
  -40°C up to +55°C
- No UV/IR-radiation
- Insensible against pushing and vibrations

**Already included in the scope of delivery:**
- retaining bracket for ceiling- wall- or floormounting

**Accessory:**
- Wheel holder (91012)
  (see page 16)

**Lighting distribution curve (at 70W)**
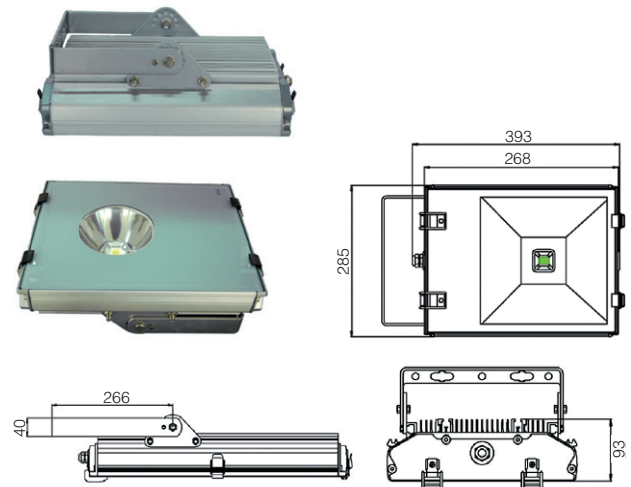


| LED Power | 70W |
|---|---|
| Voltage | 230V AC / 24V DC |
| LED lighting efficiency | 100lm/W |
| CRI-Index (colour rend. index) | Ra>80 |
| Lifetime of LED | >50.000h |
| Loss of luminous flux | <10% |
| LED Consistency of switching | >1 Mio |
| Corralated colour temperature | 5.500K |
| Operating range of temperature | -40°C up to +55°C |
| Material housing + reflector | aluminium |
| Colour | silver-grey |
| Cover | 5mm safety-glass |
| International protection / protection class | IP65 / I |
| Weight | 7,4kg |
| Dimensions L x W x H | 393 x 285 x 93 mm |

**Lightning colour coolwhite 5.500K**

| Watt | EDP-No. | Product-ID-No. |
|---|---|---|
| 70W | 91096 | 970.SPOT.LED.70W.CW.230VAC.IP65.HI.M |

**Lightning colour coolwhite 5.500K - 24V DC**

| Watt | EDP-No. | Product-ID-No. |
|---|---|---|
| 70W | 91093 | 970.SPOT.LED.70W.CW.24VDC.IP65.HI.M |

**Different powers, voltages and colour temperatures on request!**
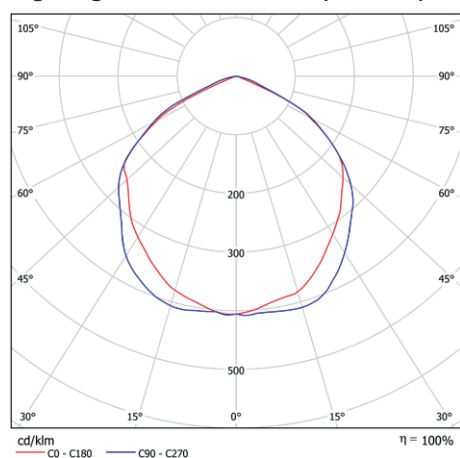
# LED Floodlight **PLAZA 972**



## Use: Indoor and Outdoor

Industrial halls, advertising panels, gateways to yards, facades, objects, sport facilities, traffic tunnel . . .

Appropriate for all areas, that need a broad illumination area.

## Lighting distribution curve (at 140W)



## Advantages

- Full luminous flux is immediately available
- Less power consumption at very high utilization ratio
- Minimum of temperature growth
- Extremely consistent in switching (>1 Mio)
- Maintenance free
- Broad operating range
  -40°C up to +55°C
- No UV/IR-radiation
- Insensible against pushing and vibrations

## Already included in the scope of delivery:

- retaining bracket for ceiling- wall- or floormounting

## Accessory:

- Wheel holder (91012)
  (see page 16)

| | |
|---|---|
| LED Power | 140W |
| Voltage | 230V AC |
| LED lighting efficiency | 100lm/W |
| CRI-Index (colour rend. index) | Ra>80 |
| Lifetime of LED | >50.000h |
| Loss of luminous flux | <10% |
| LED Consistency of switching | >1 Mio |
| Corralated colour temperature | 5.500K |
| Operating range of temperature | -40°C up to +55°C |
| Material housing + reflector | aluminium |
| Colour | black |
| Cover | 5mm safety-glass |
| International protection / protection class | IP65 / I |
| Weight | 10,6kg |
| Dimensions L x W x H | 593 x 285 x 93 mm |

**Lightning colour coolwhite 5.500K**

| Watt | EDP-No. | Product-ID-No. |
|---|---|---|
| 140W | 91079 | 972.FLOOD.LED.140W.CW.230VAC.IP65.HI.M |

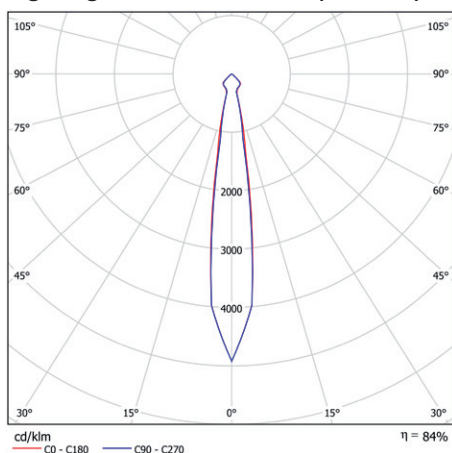**Different powers, voltages and colour temperatures on request!**
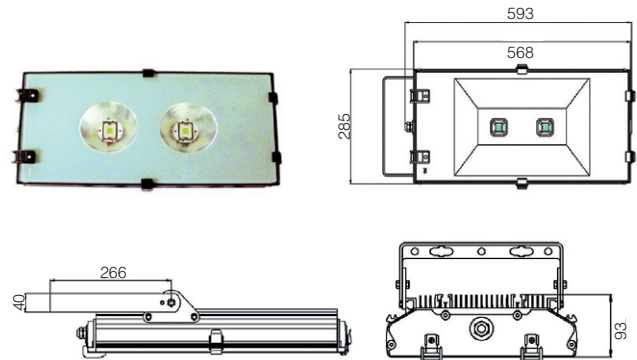
**Use: Indoor and Outdoor**
Specific accentuation in the facades and object lighting.

Reach to approx. 200 m.

**Lighting distribution curve (at 140W)**



**Advantages**
- Full luminous flux is immediately available
- Less power consumption at very high utilization ratio
- Minimum of temperature growth
- Extremely consistent in switching (>1 Mio)
- Maintenance free
- Broad operating range
  -40°C up to +55°C
- No UV/IR-radiation
- Insensible against pushing and vibrations

**Already included in the scope of delivery:**
- retaining bracket for ceiling- wall- or floormounting

**Accessory:**
- Wheel holder (91012)
  (see page 16)

| | |
|---|---|
| LED Power | 140W |
| Voltage | 230V AC |
| LED lighting efficiency | 100lm/W |
| CRI-Index (colour rend. index) | Ra>80 |
| Lifetime of LED | >50.000h |
| Loss of luminous flux | <10% |
| LED Consistency of switching | >1 Mio |
| Corralated colour temperature | 5.500K |
| Operating range of temperature | -40°C up to +55°C |
| Material housing + reflector | aluminium |
| Colour | silver-grey |
| Cover | 5mm safety-glass |
| International protection / protection class | IP65 / I |
| Weight | 10,6kg |
| Dimensions L x W x H | 593 x 285 x 93 mm |

**Lightning colour coolwhite 5.500K**

| Watt | EDP-No. | Product-ID-No. |
|---|---|---|
| 140W | 91083 | 972.SPOT.LED.140W.CW.230VAC.IP65.HI.M |

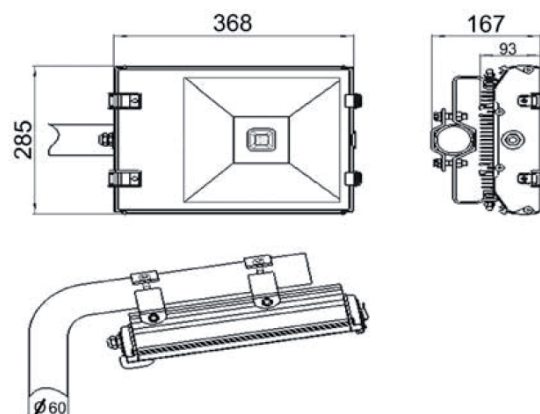**Different powers, voltages and colour temperatures on request!**

The lamps of series spotlight and floodlight can be mounted via hammer-head-bolts on the nut-profiles.

Square nuts can be slided-in the open profiles.

**970/972.MASTHALTER.60MM.ST37.SW.**
with clip, up to 60mm
material: steel, black coated

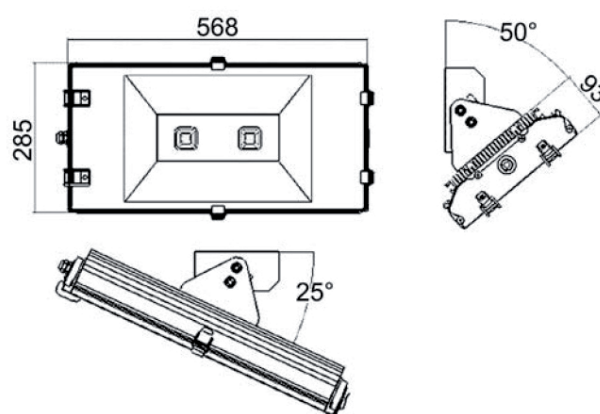**970/972.SCHWENKHALTER.ST37.SW**
optional positioning
            angle crosswise +/- 25°
            angle lenthwise +/- 50°
material: steel, black coated

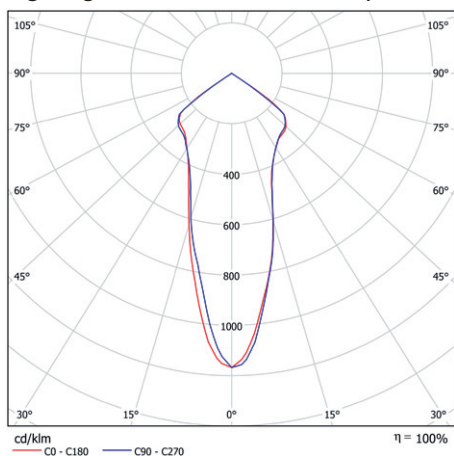| Description | Product-ID-No. | EDP-No. |
|---|---|---|
| Mastholder up to D=60mm | 970/972.MASTHALTER.60MM.ST37.SW. | 91214 |
| Holder crosswise +/- 25°  /  lengthwise  +/- 50° | 970/972.SCHWENKHALTER.ST37.SW. | 91012 |
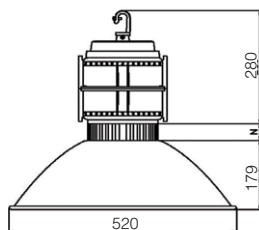
**995.B D=520mm**
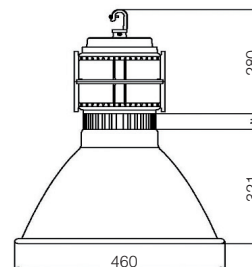
**995.E D=460mm**

## Use: Indoor
Broad illumination for industry and trade.

**995.B for mounting in approx 8m**
**995.E for mounting up to approx 8m**

### Lighting distribution curve 995.B (at 100W)

## Advantages
- Full luminous flux is immediately available
- Less power consumption at very high utilization ratio
- Minimum of temperature growth
- Extremely consistent in switching (>1 Mio)
- Maintenance free
- Broad operating range
  -40°C up to +55°C
- No UV/IR-radiation
- Insensible against pushing and vibrations

### Lighting distribution curve 995.E (at 100W)

| | |
|---|---|
| LED Power | 100W |
| Voltage | 230V AC |
| LED lighting efficiency | 100lm/W |
| CRI-Index (colour rend. index) | Ra>80 |
| Lifetime of LED | >50.000h |
| Loss of luminous flux | <10% |
| LED Consistency of switching | >1 Mio |
| Corralated colour temperature | 5.500K |
| LED Consistency of switching | -40°C up to +55°C |
| Material housing + reflector | aluminium |
| Colour | silver-grey / black |
| Cover | Acrylglas |
| International protection / protection class | IP65 / I |
| Weight | 5,1kg |
| Dimensions 995.B W x H | 520 x 584 mm |
| Dimensions 995.E W x H | 460 x 726 mm |

**Lightning colour coolwhite 5.500K**

| Watt | EDP-No. | Product-ID-No. |
|---|---|---|
| 100W | 91116 | 995.B.HÄ.LED.100W.CW.230VAC.IP65.M |
| 100W | 91118 | 995.E.HÄ.LED.100W.CW.230VAC.IP65.M |

**Different powers, voltages and colour temperatures on request!**

# LED Street light **PLAZA 5324**

**Use: Outdoor**
lighting for parking place, pathway, school, parks, . . .

**Advantages**
- Full luminous flux is immediately available
- Minimum of temperature growth
- Extremely consistent in switching (>1 Mio)
- Maintenance free
- Broad operating range
  -30°C up to +60°C
- No UV/IR-radiation
- Insensible against pushing and vibrations
- Long living

**Lighting distribution curve (at 20W)**



cd/klm        η = 85%
— C0 - C180   — C90 - C270

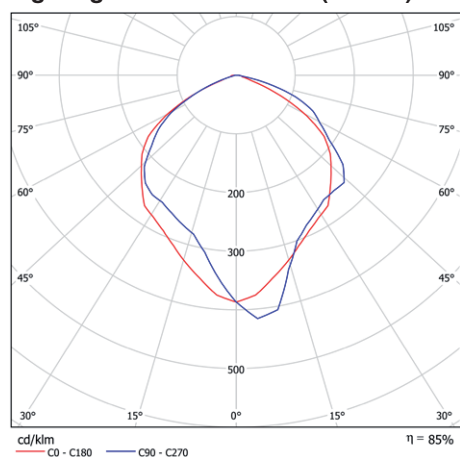| | |
|---|---:|
| LED Power | 20W |
| Voltage | 85-265V AC |
| LED lighting efficiency | 100lm/W |
| CRI-Index (colour rend. index) | Ra>80 |
| Lifetime of LED | >50.000h |
| LED Consistency of switching | >1 Mio |
| Corralated colour temperature | 5.500K |
| Operating range of temp. | -30°C up to +60 C |
| Material housing + reflector | aluminium |
| Flying spot | up to approx. 4m |
| for lamp pipe diameter | up to 52mm |
| International protection / protection class | IP65 / I |
| Weight | 4kg |
| Dimensions L x W x H | 530 x 242 x 142 mm |

**Lightning colour coolwhite 5.500K**

| Watt | EDP-No. | Product-ID-No. |
|---|---|---|
| 20W | 91123 | MASTANSATZL.5324.85-265V.20W.CW.IP65.M |

**Different powers, voltages (also 24V DC for solar supply) and colour temperatures on request!**
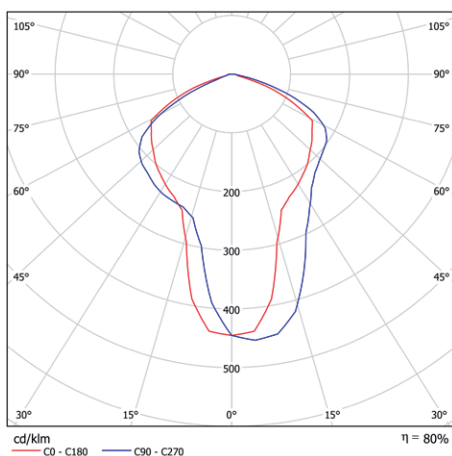
**Use: Outdoor**
lighting for parking place, parks, place space, . . .

**Advantages**
- Full luminous flux is immediately available
- Minimum of temperature growth
- Extremely consistent in switching (>1 Mio)
- Maintenance free
- Broad operating range
  -30°C up to +60°C
- No UV/IR-radiation
- Insensible against pushing and vibrations
- Long living

**Lighting distribution curve (at 40W)**



| | |
|---|---|
| LED Power | 40W |
| Voltage | 85-265V AC |
| LED lighting efficiency | 100lm/W |
| CRI-Index (colour rend. index) | Ra>80 |
| Lifetime of LED | >50.000h |
| LED Consistency of switching | >1 Mio |
| Corralated colour temperature | 5.500K |
| Operating range of temp. | -30°C up to +60 C |
| Material housing + reflector | aluminium |
| Flying spot | up to approx. 6m |
| for lamp pipe diameter | up to 60mm |
| International protection / protection class | IP65 / I |
| Weight | 6,5kg |
| Dimensions L x W x H | 713 x 354 x 161 mm |

**Lightning colour coolwhite 5.500K**

| Watt | EDP-No. | Product-ID-No. |
|---|---|---|
| 40W | 91289 | MASTANSATZL.7235.85-265V.40W.CW.IP65.M |

**Different powers, voltages (also 24V DC for solar supply) and colour temperatures on request!**
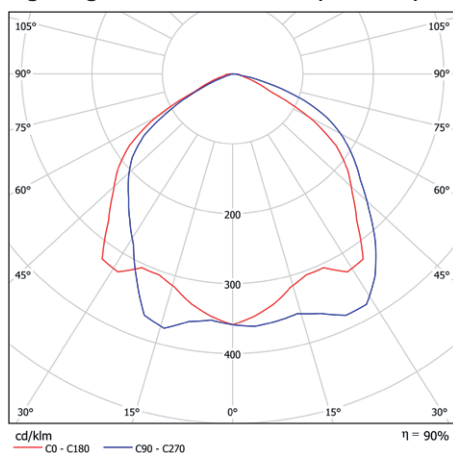
# LED Street light **PLAZA 720**

**Use: Outdoor**
lighting for streets, parking place, pathway, parks,
school . . .

**Advantages**
- Full luminous flux is immediately available
- Minimum of temperature growth
- Extremely consistent in switching (>1 Mio)
- Maintenance free
- Broad operating range
  -30°C up to +60°C
- No UV/IR-radiation
- Insensible against pushing and vibrations
- Long living

**Lighting distribution curve (at 100W)**



cd/klm     η = 90%
— C0 - C180    — C90 - C270

| | |
|---|---:|
| LED Power | 100W |
| Voltage | 85-265V AC |
| LED lighting efficiency | 100lm/W |
| CRI-Index (colour rend. index) | Ra>80 |
| Lifetime of LED | >50.000h |
| LED Consistency of switching | >1 Mio |
| Corralated colour temperature | 5.500K |
| Operating range of temp. | -30°C up to +60 C |
| Material housing + reflector | aluminium |
| Flying spot | up to approx. 8m |
| for lamp pipe diameter | up to 60mm |
| International protection / protection class | IP65 / I |
| Weight | 9,6kg |
| Dimensions L x W x H | 720 x 324 x 172 mm |

**Lightning colour coolwhite 5.500K**

| Watt | EDP-No. | Product-ID-No. |
|---|---|---|
| 100W | 91124 | MASTANSATZL.720.85-265V.100W.CW.IP65.M |

**Different powers, voltages (also 24V DC for solar supply) and colour temperatures on request!**

**Use: Outdoor**
lighting for streets, pathway, parking place, industry, school . . .

**Advantages**
- Full luminous flux is immediately available
- Minimum of temperature growth
- Extremely consistent in switching (>1 Mio)
- Maintenance free
- Broad operating range
  -30°C up to +60°C
- No UV/IR-radiation
- Insensible against pushing and vibrations
- Long living

**Lighting distribution curve (at 100W)**



| LED Power | 100W |
|---|---|
| Voltage | 85-265V AC |
| LED lighting efficiency | 100lm/W |
| CRI-Index (colour rend. index) | Ra>80 |
| Lifetime of LED | >50.000h |
| LED Consistency of switching | >1 Mio |
| Corralated colour temperature | 5.500K |
| Operating range of temp. | -30°C up to +60 C |
| Material housing + reflector | aluminium |
| Flying spot | up to approx. 9m |
| for lamp pipe diameter | up to 60mm |
| International protection / protection class | IP65 / I |
| Weight | 9,7kg |
| Dimensions L x W x H | 940 x 300 x 175 mm |

**Lightning colour coolwhite 5.500K**

| Watt | EDP-No. | Product-ID-No. |
|---|---|---|
| 100W | 91290 | MASTANSATZL.920.85-265V.100W.CW.IP65.M |

**Different powers, voltages (also 24V DC for solar supply) and colour temperatures on request!**
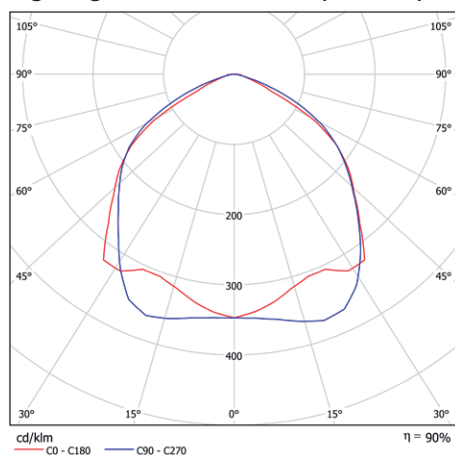
# LED Street light **PLAZA 1200**

**Use: Outdoor**
lighting for streets, pathway, parking place, place space, school, industry, . . .

**Advantages**
- Full luminous flux is immediately available
- Minimum of temperature growth
- Extremely consistent in switching (>1 Mio)
- Maintenance free
- Broad operating range
  -30°C up to +60°C
- No UV/IR-radiation
- Insensible against pushing and vibrations
- Long living

**Lighting distribution curve (at 200W)**



cd/klm  η = 95%
— C0 - C180   — C90 - C270

| | |
|---|---|
| LED Power | 200W |
| Voltage | 85-265V AC |
| LED lighting efficiency | 80lm/W |
| CRI-Index (colour rend. index) | Ra>80 |
| Lifetime of LED | >50.000h |
| LED Consistency of switching | >1 Mio |
| Corralated colour temperature | 5.500K |
| Operating range of temp. | -30°C up to +60 C |
| Material housing + reflector | aluminium |
| Flying spot | up to approx. 14m |
| for lamp pipe diameter | up to 60mm |
| International protection / protection class | IP65 / I |
| Weight | 20,7kg |
| Dimensions L x W x H | 1193 x 425 x 205 mm |

**Lightning colour coolwhite 5.500K**

| Watt | EDP-No. | Product-ID-No. |
|---|---|---|
| 200W | 91291 | MASTANSATZL.1200.85-265V.200W.CW.IP65.M |

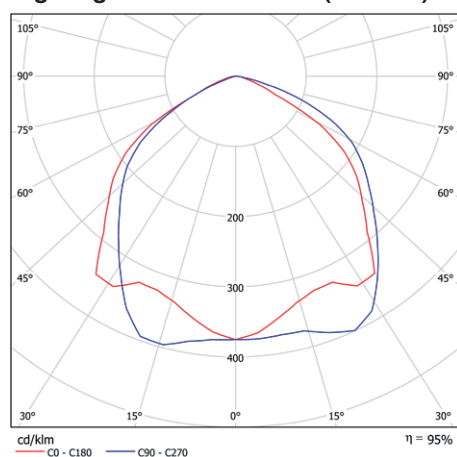**Different powers, voltages (also 24V DC for solar supply) and colour temperatures on request!**

Contact us.

GIFAS

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YOUR WISH IS OUR COMMAND

# GIFAS AmbitLED (22 - 26VDC)



## Technical data

- Illuminate: LED-stripe, cool white, approx. 6500K
- Intensity per LED: min. 1900 mcd @20mA
- Supply voltage: 24V DC[1] (22-26VDC)
- Power consumption: 1,6W, 4W, od. 8 W / m (at 24V DC)
- Protection: IP67
- Operating temperature: -25°C to 50°C
- Application area: to 2000m above sea level
- Connector: 2-pin screwed connector
- Cable: 2x0,75mm², halogen-free
  UV- and weatherproof,
  flexible down to -40°C

## Product properties

- Compact LED-light bar
- Housing made of aluminium casting
- Surface anodized
- Stainless steel mounting clamp
- Hight protection IP67
- Lights source: LED-stripe
- LED-stripe in moisture- and dust-tight sealing compound (opal/frosted or transparent/clear)
- Connection: 2-pins, robust metal M16 industrial connector, IP67
- Terminal cross section: max. 0,75mm² / clamping range 4-8mm
- Protection cap included in delivery in case of loop-connection
- Loop-connection for light chain


cable with mounted connector


2-pin-plug connection


LED-sealing compound opal


LED-sealing compound transparent


clamp: back variable, front fixed
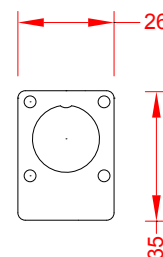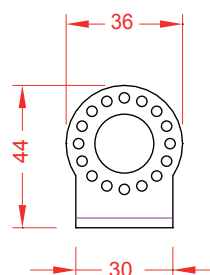

drawing clamp: left variable, right fixed

[1]In order to guarantee a reliable and save operation of the LED-module it is mandatory to employ an electronic stabilised power supply.

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AmbitLED - single lamp with fixed clamp (ref to Product-ID-No. incl. "WE")



AmbitLED - light chain with fixed clamp (ref. to Product-ID-No incl. "WE" and "KETTE")



AmbitLED - single lamp with variable clamp (ref to Product-ID-No. incl. "WR")
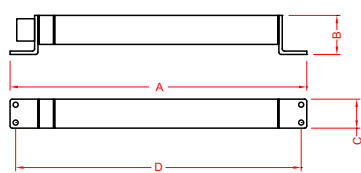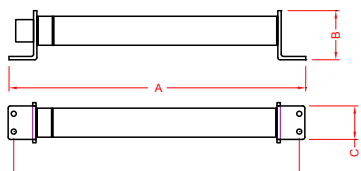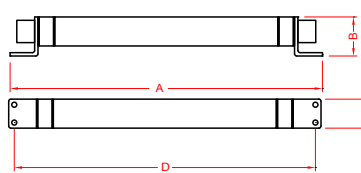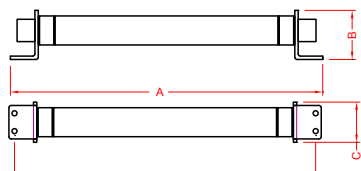


AmbitLED - light chain with variable clamp (ref. to Product-ID-No incl. "WR" and "KETTE")

## AmbitLED 1,6W

| EDP-No. | Product-ID-No. | LED-Sealing | A* | B* | C* | D* | Clamp |
|---|---|---|---|---|---|---|---|
| 94241 | AMB.222.CW.24VDC.K.WE35.OE | transparent | 266 | 35 | 26 | 256 | fixed |
| 94242 | AMB.222.CW.24VDC.O.WE35.OE | opal | 266 | 35 | 26 | 256 | fixed |
| 94245 | AMB.222.CW.24VDC.K.WR44.OE | transparent | 266 | 44 | 36 | 256 | variable |
| 94246 | AMB.222.CW.24VDC.O.WR44.OE | opal | 266 | 44 | 36 | 256 | variable |
| 94247 | AMB.236.CW.24VDC.K.WE35.**KETTE**.01.OE | transparent | 280 | 35 | 26 | 270 | fixed |
| 94249 | AMB.236.CW.24VDC.O.WE35.**KETTE**.01.OE | opal | 280 | 35 | 26 | 270 | fixed |
| 94250 | AMB.236.CW.24VDC.K.WR44.**KETTE**.01.OE | transparent | 280 | 44 | 36 | 270 | variable |
| 94251 | AMB.236.CW.24VDC.O.WR44.**KETTE**.01.OE | opal | 280 | 44 | 36 | 270 | variable |

## AmbitLED 4W

| EDP-No. | Product-ID-No. | LED-Sealing | A* | B* | C* | D* | Clamp |
|---|---|---|---|---|---|---|---|
| 94252 | AMB.532.CW.24VDC.K.WE35.OE | transparent | 576 | 35 | 26 | 566 | fixed |
| 94253 | AMB.532.CW.24VDC.O.WE35.OE | opal | 576 | 35 | 26 | 566 | fixed |
| 94254 | AMB.532.CW.24VDC.K.WR44.OE | transparent | 576 | 44 | 36 | 566 | variable |
| 94255 | AMB.532.CW.24VDC.O.WR44.OE | opal | 576 | 44 | 36 | 566 | variable |
| 94256 | AMB.546.CW.24VDC.K.WE35.**KETTE**.01.OE | transparent | 590 | 35 | 26 | 580 | fixed |
| 94257 | AMB.546.CW.24VDC.0.WE35.**KETTE**.01.OE | opal | 590 | 35 | 26 | 580 | fixed |
| 94258 | AMB.546.CW.24VDC.K.WR44.**KETTE**.01.OE | transparent | 590 | 44 | 36 | 580 | variable |
| 94259 | AMB.546.CW.24VDC.K.WR44.**KETTE**.01.OE | opal | 590 | 44 | 36 | 580 | variable |

## AmbitLED 8W

| EDP-No. | Product-ID-No. | LED-Sealing | A* | B* | C* | D* | Clamp |
|---|---|---|---|---|---|---|---|
| 94260 | AMB.1032.CW.24VDC.K.WE35.OE | transparent | 1076 | 35 | 26 | 1066 | fixed |
| 94261 | AMB.1032.CW.24VDC.O.WE35.OE | opal | 1076 | 35 | 26 | 1066 | fixed |
| 94262 | AMB.1032.CW.24VDC.K.WR44.OE | transparent | 1076 | 44 | 36 | 1066 | variable |
| 94263 | AMB.1032.CW.24VDC.O.WR44.OE | opal | 1076 | 44 | 36 | 1066 | variable |
| 94264 | AMB.1046.CW.24VDC.K.WE35.**KETTE**.01.OE | transparent | 1090 | 35 | 26 | 1080 | fixed |
| 94265 | AMB.1046.CW.24VDC.O.WE35.**KETTE**.01.OE | opal | 1090 | 35 | 26 | 1080 | fixed |
| 94267 | AMB.1046.CW.24VDC.K.WR44.**KETTE**.01.OE | transparent | 1090 | 44 | 36 | 1080 | variable |
| 94268 | AMB.1046.CW.24VDC.O.WR44.**KETTE**.01.OE | opal | 1090 | 44 | 36 | 1080 | variable |

## Accessories AmbitLED 1,6W - 8W

| EDP-No. | Product-ID-No. | Description |
|---|---|---|
| 93518 | AMB-KUPPLUNGSDOSE.01 | Connector 2-pins, Protection IP67 |
| 93729 | AMB.KUPPLUNG.5M.HSLH-O.M | Connector mounted incl. 5m cable extension (2x0,75mm²) |
| 93732 | AMB.KUPPLUNG.10M.HSLH-O.M | Connector mounted incl. 10m cable estension (2x0,75mm²) |
| 93624** | AMB-KABELSTECKER.01 | Cable plug, 2-pins, Protection IP67 |
| 93733** | AMB.STECKER.5M.HSLH-O.M | Cable plug mounted incl. 5m cable (2x0,75mm²) |
| 93734** | AMB.STECKER.10M.HSLH-O.M | Cable plug mounted incl.10m cable (2x0,75mm²) |
| 93735** | AMB.KUPPLUNG.STECKER.5M.HSLH-O.M | 5m cable extension mounted |
| 93736** | AMB.KUPPLUNG.STECKER.10M.HSLH-O.M | 10m cable extension mounted |

*all dimensions in mm     **only for chain lights

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## Product properties

- compact, small floodlight in modern design
- housingcolours: white or black
- housing is made of aluminium die casting
- clamp made of stainless steel, powder coated
- International protection class: IP66
- source of light: 5 high-impact LEDs
- angles of light ray 8°, 26°, 45° or 2x45°/3x8° (optic on LEDs)
- connection 10-30VDC directly
- connection 230VAC via power adapter

## Technical data

- lighting device: 5 power LEDs a 3W, white 6000 K
- voltage: 12 VDC, 24VDC (range 10-30 VDC)
  or via power supply 230VAC / 24VDC
- power consumption:  0,5A 24VDC
                      1,0A 12VDC
- dimensions: 118 x 84 x 67 mm
- weight: 0,35 kg

## Lights

| Description | EDP-No. | Product-ID-No. |
|---|---|---|
| Housing white, luminiscent paint white, 8° | 91429 | SPOTLED.WS.LED8°.WEISS.10-30VDC.M |
| Housing black, luminiscent paint white, 8° | 91430 | SPOTLED.SW.LED8°.WEISS.10-30VDC.M |
| Housing white, luminiscent paint white, 26° | 91919 | SPOTLED.WS.LED26°.WEISS.10-30VDC.M |
| Housing black, luminiscent paint white, 26° | 91583 | SPOTLED.SW.LED26°.WEISS.10-30VDC.M |
| Housing white, luminiscent paint white, 45° | 91426 | SPOTLED.WS.LED45°.WEISS.10-30VDC.M |
| Housing black, luminiscent paint white, 45° | 91427 | SPOTLED.SW.LED45°.WEISS.10-30VDC.M |
| Housing white, luminiscent paint white,  2 x 45°, 3 x 8° | 91921 | SPOTLED.WS.LED2x45/3x8°.WEISS.10-30VDC.M |
| Housing black, luminiscent paint white, 2 x 45°, 3 x 8° | 91741 | SPOTLED.SW.LED2x45/3x8°.WEISS.10-30VDC.M |
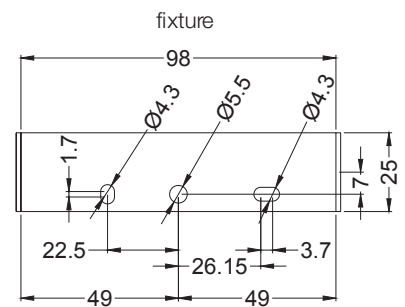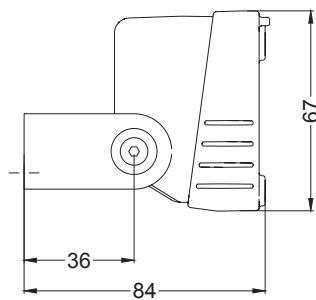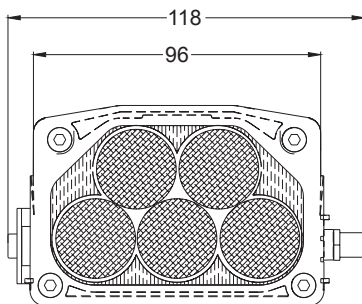
# LED spotlights
SpotLED – spare parts / accessories



| Description | EDP-No. | Product-ID-No. |
|---|---|---|
| 90° coupling | 91417 | SPOTLED.WINKELKUPPLUNG.3P.IP67 |



| Description | EDP-No. | Product-ID-No. |
|---|---|---|
| LiYY 3x0,25 meter goods | 91446 | SPOTLED.SYSTEMKABEL.GRAU.3X0,25 |
| LiYY3x0,25 incl. assembled 90° coupling 91447 is an example for 10 m. Different lengths from 0,2 to 10 m possible. | 91447 | SPOTLED.SYSTEMKABEL.10M.GRAU.3X0,25.KU.M |



| Description | EDP-No. | Product-ID-No. |
|---|---|---|
| Coupling incl. PUR-Cable 2 m black, moulded | 91450 | SPOTLED.SYSTEMKABEL.2M.SW.PUR.KUPPLUNG |
| Coupling incl. PUR-Cable 5 m black, moulded | 91451 | SPOTLED.SYSTEMKABEL.5M.SW.PUR.KUPPLUNG |



| Description | EDP-No. | Product-ID-No. |
|---|---|---|
| Power adapter (230VAC) incl. cable (1.8 m) + 90° coupling | 91415 | SPOTLED.STECKERNETZTEIL.1,8M.WINKELKU.M |



| Description | EDP-No. | Product-ID-No. |
|---|---|---|
| Spiral cable, length 1m to 4m extendable | 91807 | SPK.1,0.43025.0,2/0,2.PUR.SW |



| Description | EDP-No. | Product-ID-No. |
|---|---|---|
| Car plug (12VDC) incl. cable (5 m) + 90° coupling | 91633 | SPOTLED.SYSTEMKABEL.5M.PUR.ZIG.M |



| Description | EDP-No. | Product-ID-No. |
|---|---|---|
| Power adapter for installation 30W, max. 2 SpotLED | 91416 | NETZGERÄT.85-264VAC.21,6-26,4VDC.1,5A |
| Power adapter for installation 60W, max. 4 SpotLED | 91062 | NETZGERÄT.88-264VAC.21,6-26,4VDC.2,5A |



| Description | EDP-No. | Product-ID-No. |
|---|---|---|
| Rubber box 1812 incl. installed power adapter max. 2 SpotLED | 91441 | 1812.1NG.1,5A.24VDC.1M20.2M12.1BST |
| Rubber box 1812 incl. installed power adapter max. 4 SpotLED | 91442 | 1812.1NG.2,5A.24VDC.ZDU.1M20.4M12.3BST |



| Description | EDP-No. | Product-ID-No. |
|---|---|---|
| Rubber covered magnet for SpotLED (Ø 43mm) | 91587 | SPOTLED.MAGNET.SW.85N. |
| 1x Rubber covered magnet for SpotLED mounted (Remark: 2x needed for SpotLED) | 91621 | SPOTLED.MAGNET.SW.85N.M |



| Description | EDP-No. | Product-ID-No. |
|---|---|---|
| Potentiometer with rotary knob for dimming | 91753 | SPOTLED.POTENTIOMETER.500K.DREHKN.SK.M |

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