

FIXING SYSTEMS

Complete Systems for Light Assembly

Individual assembly system for installing lamp systems can often be realised only at high cost with one-off manufacture. The patented Complete Assembly System stands for low-cost standard fixings for lighting elements on industrial rails, on walls or steel beam constructions.

Stability and Material

A specially developed shaping method is used for this programme, which ensure a high degree of stability. Stainless steel with optimised material strength is used where aggressive media determine the environment. Components that are not made of stainless steel are hot-galvanised pursuant to DIN EN ISO 1461.

Assembly

The assembly systems have been designed for inside and outside. The compact system kits can be assembled by only one person in a very short time. All individual parts are simply plugged together and fastened by a screw. Since there is no need for drilling or welding here, it is possible to work **without the "work release system"** in the areas at risk of explosions.

Safety

The assembly system is always installed from the safe side of the working platform, i.e. **without scaffolding!** The prescribed freedom for hands and the avoidance of jutting metallic parts or screws in the construction offers a high standard of safety.

Cost-Saving Maintenance

The use of tilting luminaire masts results in decisive cost advantages due to minimised maintenance. Thus, for example, changing a lamp without scaffolding or assembly aids is possible for just one person in a very short time. Cleaning and repair work can thus be minimised in terms of cost.





Complete Assembly Systems

For quick fixing to rails and construction elements. Assembly without drilling and welding, all fixing elements are screwed.

Pivoting and tilting frames for single person operation without assembly aids for optimum cost maintenance.

| Complete Assembly Systems | | |
|--|----------------------|-----------------------|
| Type/Description | Corrosion Protection | Order No. |
| Lamp Frame Rigid/Curved | | |
| 1 Luminaire post, Length 2000 mm, bent 90° | | |
| 1 Luminaire bearer square tubing, Length 1200 mm | | |
| 2 M8 screws to attach the luminaires | | |
| 2 Clips for round railing, Ø 48.3 mm | | |
| 1 Plastic cable, enclosed | Hot-galvanised | 2 2480 510 001 |
| | Stainless steel | 2 2480 510 002 |
| Luminaire frame, pivoting* | | |
| comprising the following individual parts: | | |
| 2 Luminaire post, Length 2000 mm, bent 45° | | |
| 1 Luminaire bearer round tubing Ø 48.3 mm, Length 1200 mm | | |
| 2 M8 screws to attach the luminaires | | |
| 1 Plastic cable, closed hot-galvanised | Hot-galvanised | 2 2480 510 003 |
| | Stainless steel | 2 2480 510 004 |
| Luminaire frame for side-entry luminaire, rigid | | |
| comprising the following individual parts: | | |
| 1 Luminaire post, Length 2000 mm, bent 45° with spigot Ø 42.0 mm | | |
| 2 Clips for round railings Ø 48.3 mm | | |
| 1 Plastic cable | Hot-galvanised | 2 2480 510 013 |
| | Stainless steel | 2 2480 510 014 |
| Luminaire frame whip-lash mast, tilting | | |
| comprising the following individual parts: | | |
| 1 Luminaire post, Length 3000 mm, bent 45° | | |
| 2 Clips for round railings Ø 48.3 mm, tilting | | |
| 2 Clips short for fixing luminaires | | |
| 2 M8 screws for fixing luminaires | | |
| 1 Plastic cable | Hot-galvanised | 2 2480 510 015 |
| | Stainless steel | 2 2480 510 016 |

* at a height of approx. 2 m, the luminaire can be mounted in parallel to the railing and pivoted transmission angle.

FIXING MATERIALS AND ACCESSORIES

Ex-Fluorescent lamp light fittings

Description

On the following sides you will find fixing materials and accessories for the CEAG explosion-protected light fittings. For a easy relamping you will find additionally a table of light fittings with the appropriate fluorescent lamps.

Spare Parts

As well as the above, there is also a large amount of spare parts available for maintenance and repair work.

If required, please contact us, you will find that we will be more than pleased to help you.

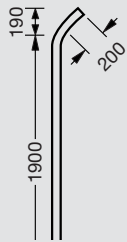
We must point your attention to the fact that repair work done on explosion-protected products must be carried out with original spare parts only! If this is not the case and third-party parts are used, the certification and approval for the product will be forfeited and a possible reduction of the explosion-protection may be achieved.

Repair Service

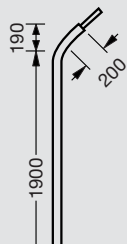
Of course CEAG upholds its own repair department where customer repairs are carried out. Our qualified and schooled personnel carry out repairs and overhauling using original spare parts, quickly and efficiently. This service also includes the end quality testing needed for explosion-protected products.

With this service you have an "assured safety" as do all CEAG overhauled Ex-light fittings and switch gears.

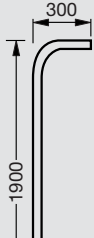




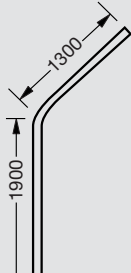
Luminaire mast 45° bended



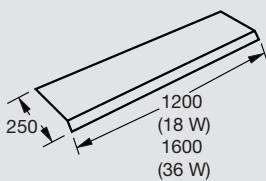
Luminaire mast 45° bended with pole socket



Luminaire mast 90° bended



Luminaire mast 45° bended



Canopy

Dimensions in mm

Ordering details luminaire mast

| Type/ code | Corrosion protection | Lenght mm | Outer Ø D (mm) | Order No. |
|------------------------------|-------------------------|--------------|----------------------------|----------------|
| 45° bent | hot galvanized | 2000 | 48.3 | 2 2480 510 005 |
| | stainless steel | | | 2 2480 510 006 |
| 45° bent with pole socket | hot galvanized | 2000 | 48.3 top and piece Ø 42 mm | 2 2480 510 007 |
| | stainless steel | | | 2 2480 510 008 |
| 90° bent | hot galvanized | 2000 | 48.3 | 2 2480 510 009 |
| | stainless steel | | | 2 2480 510 010 |
| 45° bent post luminaire | hot galvanized | 3000 | 48.3 | 2 2480 510 011 |
| | stainless steel | | | 2 2480 510 012 |

Ordering details protective canopy

| Type | Corrosion protection | Lenght mm | Width mm | Order No. |
|---------------------|-------------------------|--------------|-------------|----------------|
| for 18 W-luminaires | hot galvanized | 1200 | 250 | 2 2480 518 001 |
| | stainless steel | | | 2 2480 518 002 |
| for 36 W-luminaires | hot galvanized | 1600 | 250 | 2 2480 536 001 |
| | stainless steel | | | 2 2480 536 002 |



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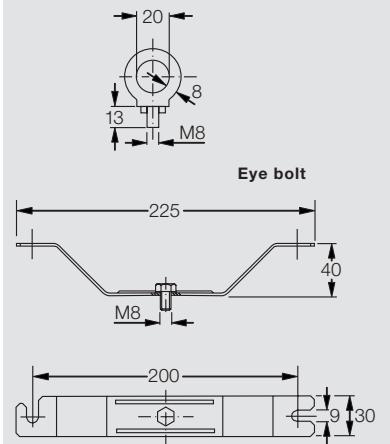
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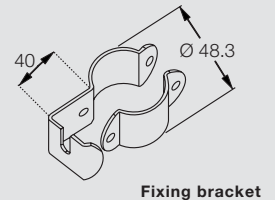
| Fixing materials and accessories | | | |
|---|------------------------|---------------------------|----------------|
| Type/ code | Corrosion protected | Qty. per light fitting | Order No. |
| Eye bolt A2 | galvanized | 2 | 2 2480 002 000 |
| Heyagon screw S4 | stainless steel | 2 | 2 2480 054 000 |
| Ceiling mounting bracket incl. screws and washer D92 | stainless steel | 2 | 2 2480 092 000 |
| Fixing bracket, Ø 48.3 mm | stainless steel | 2 | 2 2480 510 017 |

| Fixing materials and accessories | | | | | |
|----------------------------------|-------------------------|------------------|-------------------|---------------------------|----------------|
| Type/ code | Corrosion protection | for pipes DIN | Outer Ø D (mm) | Qty. per light fitting | Order No. |
| Pipe clamp | | | | | |
| R12 | hot galvanized | 1 1/4" | 38 - 42 | 2 | 2 2480 462 000 |
| R14 | CrNi | 1 1/4" | 38 - 42 | 2 | 2 2480 464 000 |
| R22 | hot galvanized | 1 1/2" | 47 - 51 | 2 | 2 2480 472 000 |
| R32 | hot galvanized | 2" | 56 - 60 | 2 | 2 2480 482 000 |
| Wall bracket | | | | | |
| W27 | hot galvanized | | 1 1/4" | 1 | 2 2483 027 000 |

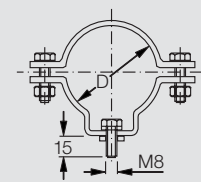
| | | | | | |
|---|----------------|--|--|---|----------------|
| Luminaire wall suspension 30° inclusive screw and washer | hot galvanized | | | 2 | 2 2480 000 122 |
|---|----------------|--|--|---|----------------|



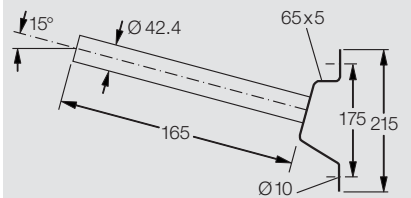
Ceiling mounting bracket D92



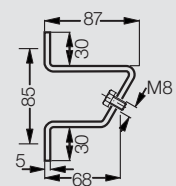
Fixing bracket



Pipe clamp



Wall bracket



Luminaire wall suspension 30°