



Project / Type

Notes

Count / Date



General

Showcase , Standing

rotation 360°

white aluminium , RAL 9006 <sup>1</sup>

IP20

Interior

651 lm

1140 lm/m

optical inset 73 lm/W<sup>2</sup>

LED

3000 K

CRI ≥ 97

L85 / 50000 h

initial MacAdam ≤ 3 SDCM

R<sub>g</sub>: 99 , R<sub>f</sub>: 96 , R<sub>f(1-15)</sub>: 97

MR 0.68

MDER 0.61

Optical

Opal

opal (lambertsch)

Electrical

excl. driver

24 V

fixture 11.6 W

optical inset 8.9 W

PC3

20 W/m

24 V

Physical

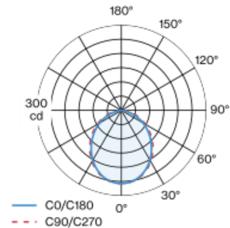
length 600 mm

width 9 mm

height 9 mm

<sup>1</sup> RAL code  
<sup>2</sup> OPTICAL INSET: incl. consideration of optical losses

Light distribution



Product drawing



Installation instructions





## Maintenance Factors

| Operating Time [h] | 10 000 | 20 000 | 30 000 | 40 000 | 50 000 |
|--------------------|--------|--------|--------|--------|--------|
| LLMF               | 0.979  | 0.955  | 0.931  | 0.908  | 0.885  |
| LSF                | 1      | 1      | 1      | 1      | 1      |

|                  |                              |                   |                                 |
|------------------|------------------------------|-------------------|---------------------------------|
| MF               | LMF × RSMF × LLMF × LSF      | RSMF <sup>a</sup> | Room Surface Maintenance Factor |
| MF               | Maintenance Factor           | LLMF              | Lamp Lumens Maintenance Factor  |
| LMF <sup>a</sup> | Luminaire Maintenance Factor | LSF               | Lamp Survival Faktor            |

<sup>a</sup> According to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.

## Mounting accessories

### MOUNTING POLE L

| TYPE                      | COLOUR          | ARTICLE NUMBER(S) |
|---------------------------|-----------------|-------------------|
| mechanical   180          | white aluminium | 011-9121116       |
| mechanical   180          | black           | 011-9121118       |
| feeder / mechanical   180 | white aluminium | 011-9121136       |
| feeder / mechanical   180 | black           | 011-9121138       |
| mechanical   200          | white aluminium | 011-9121216       |
| mechanical   200          | black           | 011-9121218       |
| feeder / mechanical   200 | white aluminium | 011-9121236       |
| feeder / mechanical   200 | black           | 011-9121238       |
| mechanical   300          | white aluminium | 011-9121316       |
| mechanical   300          | black           | 011-9121318       |
| feeder / mechanical   300 | white aluminium | 011-9121336       |
| feeder / mechanical   300 | black           | 011-9121338       |



## Mounting accessories

### MOUNTING POLE T

| TYPE                          | COLOUR          | ARTICLE NUMBER(S) |
|-------------------------------|-----------------|-------------------|
| mechanical / electrical   180 | white aluminium | 011-9122126       |
| mechanical / electrical   180 | black           | 011-9122128       |
| mechanical / electrical   200 | white aluminium | 011-9122226       |
| mechanical / electrical   200 | black           | 011-9122228       |
| mechanical / electrical   300 | white aluminium | 011-9122326       |
| mechanical / electrical   300 | black           | 011-9122328       |



## Mounting accessories

### MOUNTING POLE Y

| TYPE                          | COLOUR          | ARTICLE NUMBER(S) |
|-------------------------------|-----------------|-------------------|
| mechanical / electrical   180 | white aluminium | 011-9123126       |
| mechanical / electrical   180 | black           | 011-9123128       |
| feeder / mechanical   180     | white aluminium | 011-9123136       |
| feeder / mechanical   180     | black           | 011-9123138       |
| mechanical / electrical   200 | white aluminium | 011-9123226       |
| mechanical / electrical   200 | black           | 011-9123228       |
| feeder / mechanical   200     | white aluminium | 011-9123236       |
| feeder / mechanical   200     | black           | 011-9123238       |
| mechanical / electrical   300 | white aluminium | 011-9123326       |
| mechanical / electrical   300 | black           | 011-9123328       |
| feeder / mechanical   300     | white aluminium | 011-9123336       |
| feeder / mechanical   300     | black           | 011-9123338       |





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Electrical accessories

POWER SUPPLY 24V EU

| TYPE           | L-W-H (MM) | ARTICLE NUMBER(S) |
|----------------|------------|-------------------|
| 18 W   non dim | 130-43-30  | 011-9212110       |
| 35 W   non dim | 195-43-30  | 011-9212210       |
| 60 W   non dim | 220-43-30  | 011-9212310       |
| 18 W   DALI-2  | 130-43-30  | 011-9212130       |
| 35 W   DALI-2  | 195-43-30  | 011-9212230       |
| 60 W   DALI-2  | 220-43-30  | 011-9212330       |



POWER SUPPLY 24V UL

| TYPE           | L-W-H (MM) | ARTICLE NUMBER(S) |
|----------------|------------|-------------------|
| 20 W   non dim | 153-41-32  | 011-9282110       |
| 40 W   non dim | 210-40-30  | 011-9282210       |
| 60 W   non dim | 250-40-30  | 011-9282310       |
| 60 W   1-10 V  | 176-45-32  | 011-9282320       |
| 60 W   DALI-2  | 176-45-32  | 011-9282330       |



Electrical accessories

EXTENSION CABLE

| TYPE                  | ARTICLE NUMBER(S) |
|-----------------------|-------------------|
| 1 × socket / 1 × plug | 011-9222120       |
| 1 × socket / 1 × plug | 011-9222140       |
| 1 × socket / 1 × plug | 011-9222180       |

