



Project / Type \_\_\_\_\_

Notes \_\_\_\_\_

Count / Date \_\_\_\_\_



General

Showcase , Standing \_\_\_\_\_

rotation 360° \_\_\_\_\_

black , RAL 9021 <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>t(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 \_\_\_\_\_

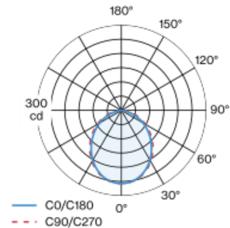
width 9 mm \_\_\_\_\_

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

