

# FINA SUPPORT spot line 30°

011-0302018A



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

Notes \_\_\_\_\_

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



## General

Showcase , Standing \_\_\_\_\_  
 rotation 360° \_\_\_\_\_  
 black , RAL 9021 <sup>1</sup> \_\_\_\_\_  
 IP20 \_\_\_\_\_  
 Interior \_\_\_\_\_  
 191 lm \_\_\_\_\_  
 optical inset 71 lm/W<sup>2</sup> \_\_\_\_\_

## LED

3000 K \_\_\_\_\_  
 CRI ≥ 95 \_\_\_\_\_  
 L80 / 50000 h \_\_\_\_\_  
 initial MacAdam ≤ 3 SDCM \_\_\_\_\_  
 R<sub>g</sub>: 102 , R<sub>r</sub>: 94 , R<sub>(1-15)</sub>: 95 \_\_\_\_\_  
 MR 0.61 \_\_\_\_\_  
 MDER 0.55 \_\_\_\_\_

## Optical

asymmetric \_\_\_\_\_

## Electrical

excl. driver \_\_\_\_\_  
 24 V \_\_\_\_\_  
 fixture 4.0 W \_\_\_\_\_  
 optical inset 2.7 W \_\_\_\_\_  
 PC3 \_\_\_\_\_  
 27 W/m \_\_\_\_\_  
 24 V \_\_\_\_\_

## Physical

length 200 mm \_\_\_\_\_  
 width 9 mm \_\_\_\_\_  
 height 9 mm \_\_\_\_\_

<sup>1</sup> RAL code

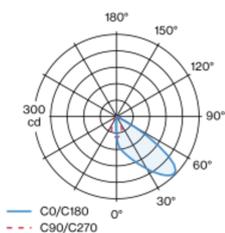
<sup>2</sup> OPTICAL INSET: incl. consideration of optical losses

## Installation instructions



Miniature rectangular lamp made of aluminium; angular design; surface lacquered in black; plug and play electrical connector system for toolless mounting; different mechanical and electrical poles available - for flexible system design (available as an accessory); fitted with LED light points; light colour 3000 K; binning initial MacAdam ≤ 3 SDCM; CRI ≥ 95; min. 80% of luminous flux after 50000 operating hours; energy efficient LEDs with high CRI; asymmetric radiation characteristic; light inset rotatable; degree of protection IP20; PC3; 24 V; accessories are listed separately; light source replaceable by an authorized professional;

## Light distribution



## Product drawing



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### Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.954	0.915	0.879	0.844	0.81
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



[011-0302018A] The technical data represent rated values for an ambient temperature of 25°C. The data values for the luminous flux are initially subject to a tolerance of +/- 10%, those for the electrical connected load are initially subject to a tolerance of +/- 10%, and those for the colour temperature are initially subject to a tolerance of +/- 150 K. No liability is assumed for typographical or printing errors. The general terms and conditions of XAL GmbH apply.  
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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

