



## FINA SUPPORT spot line

standing

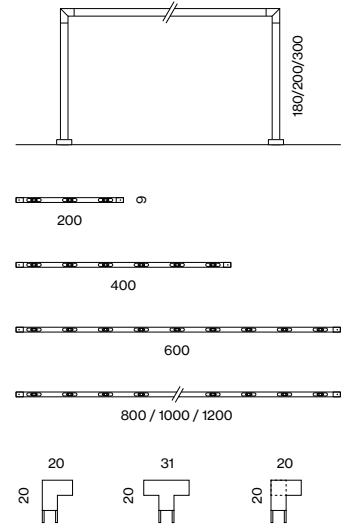
**EN** Miniature rectangular lamp made of aluminium; angular design; surface lacquered; plug and play electrical connector system for toolless mounting; different mechanical and electrical poles available; for flexible system design; fitted with LED light points; precise radiation characteristic with different symmetrical light distributions; or with asymmetric light distribution; light inset rotatable; energy-efficient LEDs with very good colour rendering; converter plug and play; converter separately available

**DE** Miniatur Bügelleuchte aus Aluminium; kantige Bauform; Oberfläche lackiert; durchkontaktiertes elektrisches Stecksystem für werkzeuglose Montage; unterschiedliche mechanische und elektrische Poles verfügbar; für flexiblen Systemaufbau; bestückt mit LED Lichtpunkten; präzise Abstrahlcharakteristik mit unterschiedlichen symmetrischen Lichtverteilungen; oder mit asymmetrischer Lichtverteilung; Lichteinsatz drehbar; energieeffiziente LEDs mit sehr guter Farbwiedergabe; Konverter steckerfertig vorkonfektioniert; Konverter ist separat zu bestellen

### Quickinfo

3000K, 4000K  
 CRI  $\geq$  95 (R9  $\geq$  90)  
 L80 @ 50000h  
 up to 92lm per spot  
 non DIM, DALI-2

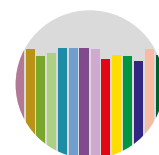
### Types



### Colours



### Light distributions



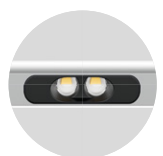
CRI  $\geq$  95  
 R9  $\geq$  90



seamless  
 design



360° tiltable

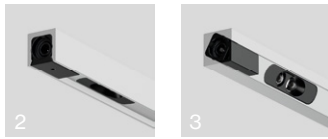


brilliance  
 effect

## Order options

### INSET TYPE

square	2
square 60°	3



### COLOUR TEMPERATURE

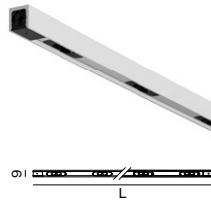
3000K	0
4000K	1

### MATERIAL COLOUR

● white aluminium RAL 9006	6
● black RAL 9021	8

### BEAM ANGLE

spot 20°	S
medium 30°	M
asymmetric	A



## FINA SUPPORT spot line



### INSET SQUARE

INS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
4.3W	3000K	3×81lm	200	0 1 1 - 0 0 0 2 :: 1 ▲
	4000K	3×92lm		
8.7W	3000K	6×81lm	400	0 1 1 - 0 0 0 3 :: 1 ▲
	4000K	6×92lm		
13W	3000K	9×81lm	600	0 1 1 - 0 0 0 4 :: 1 ▲
	4000K	9×92lm		
15.3W	3000K	12×81lm	800	0 1 1 - 0 0 0 5 :: 1 ▲
	4000K	12×92lm		
19.1W	3000K	15×81lm	1000	0 1 1 - 0 0 0 6 :: 1 ▲
	4000K	15×92lm		
22.9W	3000K	18×81lm	1200	0 1 1 - 0 0 0 7 :: 1 ▲
	4000K	18×92lm		

light inset incl. 1 linear connector

## Mounting poles

see last page

## Electrical accessories

**POWER SUPPLY 24V 220-240V AC, 50-60 Hz, PC II**

incl. power cable 2m + connection cable with plug 1m

TYPE	L-W-H (mm)	ORDER CODE
24W   non DIM	137-50-16	0 1 1 - 9 2 1 2 1 1 0
60W   non DIM	170-57-18	0 1 1 - 9 2 1 2 2 1 0
45W   DALI-2	237-45-31	0 1 1 - 9 2 1 2 1 3 0
80W   DALI-2	340-45-30	0 1 1 - 9 2 1 2 2 3 0

## Other accessories

### EXTENSION CABLE

TYPE	L (mm)	ORDER CODE
1×socket / 1×plug	1500	0 1 1 - 9 2 2 1 1 2 0
1×socket / 1×plug 90°	3000	0 1 1 - 9 2 2 5 1 0 0

### CONNECTORS

TYPE	L (mm)	ORDER CODE
flex connector	100	0 1 1 - 9 2 2 1 2 6 0
flex connector	35	0 1 1 - 9 2 2 5 2 0 0
linear connector		0 1 1 - 9 2 2 5 3 0 0

**INSET POWER** is the current consumption excluding any ballast  
**LUMINOUS FLUX** value calculated for CRI≥95, colour black



## FINA SUPPORT opal/lead

standing

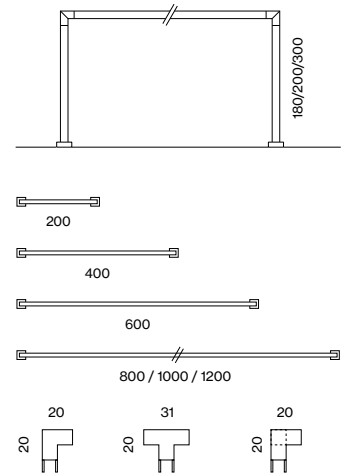
**EN** Miniature rectangular lamp made of aluminium; angular design; surface lacquered; plug and play electrical connector system for toolless mounting; different mechanical and electrical poles available; for flexible system design; completely homogeneously illuminated, satinised PMMA cover; or with specially computed foil for asymmetrical light distribution; light inset rotatable; energy-efficient LEDs with very good colour rendering; converter plug and play; converter separately available

**DE** Miniatur Bügelleuchte aus Aluminium; kantige Bauform; Oberfläche lackiert; durchkontaktiertes elektrisches Stecksystem für werkzeuglose Montage; unterschiedliche mechanische und elektrische Poles verfügbar; für flexiblen Systemaufbau; absolut homogen ausgeleuchtete, satinierte PMMA-Abdeckung; oder mit speziell berechneter Folie zur asymmetrischen Lichtverteilung; Lichteinsatz drehbar; energieeffiziente LEDs mit sehr guter Farbwiedergabe; Konverter steckerfertig vorkonfektioniert; Konverter ist separat zu bestellen

### Quickinfo

3000 K, 4000 K  
 CRI  $\geq$  97 (R9  $\geq$  90)  
 L90 @ 50 000 h  
 FINA lead up to 1100 lm/m  
 FINA opal up to 962 lm/m  
 non DIM, DALI-2

### Types



### Colours



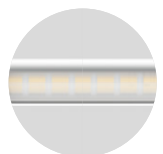
### Light distributions



CRI  $\geq$  97  
 R9  $\geq$  90



360° tiltable

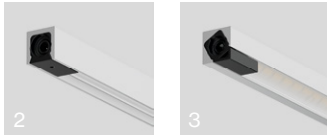


light-directing foil (lead optic)

### Order options

#### INSET TYPE LEAD

square	2
square 30°	3



#### COLOUR TEMPERATURE

3000K	0
4000K	1

#### MATERIAL COLOUR

● white aluminium RAL 9006	6
● black RAL 9021	8

#### BEAM ANGLE

opal
lead asymmetric



### FINA SUPPORT opal



#### INSET SQUARE

INS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
3.3W	3000K	180lm	200	0 1 1 - 1 2 0 2 :: 1 □ O
	4000K	192lm		
6.5W	3000K	360lm	400	0 1 1 - 1 2 0 3 :: 1 □ O
	4000K	385lm		
9.8W	3000K	540lm	600	0 1 1 - 1 2 0 4 :: 1 □ O
	4000K	577lm		
13W	3000K	719lm	800	0 1 1 - 1 2 0 5 :: 1 □ O
	4000K	770lm		
14.4W	3000K	899lm	1000	0 1 1 - 1 2 0 6 :: 1 □ O
	4000K	962lm		
17.2W	3000K	1080lm	1200	0 1 1 - 1 2 0 7 :: 1 □ O
	4000K	1150lm		

light inset incl. 1 linear connector



### FINA SUPPORT lead



#### INSET SQUARE

INS. POWER	COLOUR TEMP.	LUM. FLUX	L (mm)	ORDER CODE
3.3W	3000K	206lm	200	0 1 1 - 1 □ 0 2 :: 1 □ A
	4000K	220lm		
6.5W	3000K	412lm	400	0 1 1 - 1 □ 0 3 :: 1 □ A
	4000K	441lm		
9.8W	3000K	618lm	600	0 1 1 - 1 □ 0 4 :: 1 □ A
	4000K	661lm		
13W	3000K	824lm	800	0 1 1 - 1 □ 0 5 :: 1 □ A
	4000K	882lm		
14.4W	3000K	1030lm	1000	0 1 1 - 1 □ 0 6 :: 1 □ A
	4000K	1100lm		
17.2W	3000K	1240lm	1200	0 1 1 - 1 □ 0 7 :: 1 □ A
	4000K	1320lm		

light inset incl. 1 linear connector

### Mounting poles

see last page

### Electrical accessories

#### POWER SUPPLY 24V 220-240V AC, 50-60Hz, □ PC II

incl. power cable 2m + connection cable with plug 1m

TYPE	L-WH (mm)	ORDER CODE
24W   non DIM	137-50-16	0 1 1 - 9 2 1 2 1 1 0
60W   non DIM	170-57-18	0 1 1 - 9 2 1 2 2 1 0
45W   DALI-2	237-45-31	0 1 1 - 9 2 1 2 1 3 0
80W   DALI-2	340-45-30	0 1 1 - 9 2 1 2 2 3 0

### Other accessories

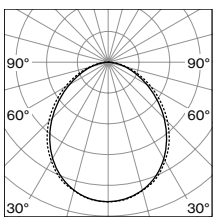
#### EXTENSION CABLE

TYPE	L (mm)	ORDER CODE
1× socket / 1× plug	1500	0 1 1 - 9 2 2 1 1 2 0
1× socket / 1× plug 90°	3000	0 1 1 - 9 2 2 5 1 0 0

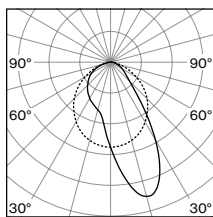
#### CONNECTORS

TYPE	L (mm)	ORDER CODE
flex connector	100	0 1 1 - 9 2 2 1 2 6 0
flex connector	35	0 1 1 - 9 2 2 5 2 0 0
linear connector		0 1 1 - 9 2 2 5 3 0 0

### Light distributions



opal



lead asymmetric

**INSET POWER** is the current consumption excluding any ballast  
**LUMINOUS FLUX** value calculated for CRI ≥ 97, colour black

## Pole overview



### L-SUPPORT standing

**EN** Arranged linearly along the showcase table, FINA support System, electrically and mechanically connected via the L-Support Poles, ensures excellent illumination of the products or exhibits without restricting the view.

**DE** Lineare angeordnet entlang des Vitrinen Tisches sorgt FINA support System, elektrisch und mechanisch über die L-Support Pole verbunden, für eine hervorragende Ausleuchtung der Ware oder Exponate, ohne den Blick darauf einzuschränken.



### T-SUPPORT standing

**EN** The T-Support Pole of the FINA support system is primarily used for large display case when several light insets are combined and arranged in a row. The T-Support poles are used to connect them together electrically and mechanically.

**DE** Die T-Support Pole des FINA support Systems findet vor allem bei großen Vitrinenflächen ihren Einsatz, wenn mehrere Licht-einsätze kombiniert und aneinandergereiht werden. Mittels der T-Support Pole werden diese elektrisch und mechanisch miteinander verbunden.



### Y-SUPPORT standing

**EN** The Y-connectors of the FINA support system enable ideal illumination of the entire display case by allowing different insets to be mechanically and electrically connected to each other, even via corners.

**DE** Die Y-Connectors des FINA support Systems ermöglichen eine ideale Ausleuchtung der gesamten Vitrine, indem unterschiedliche Insets auch über Ecken miteinander mechanisch und elektrisch verbunden werden können.

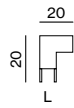
### Order options

TYPE	
mechanical ①	1
mechanical/electrical ②	2
feeder/mechanical ③	3

MATERIAL COLOUR	
● white aluminium RAL 9006	6
● black RAL 9021	8

### Mounting poles

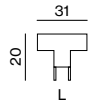
#### L-SUPPORT SQUARE



L (mm)
180
200
300

ORDER CODE
0 1 1 - 9 1 2 1 1
0 1 1 - 9 1 2 1 2
0 1 1 - 9 1 2 1 3

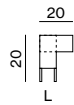
#### T-SUPPORT SQUARE



L (mm)
180
200
300

ORDER CODE
0 1 1 - 9 1 2 2 1
0 1 1 - 9 1 2 2 2
0 1 1 - 9 1 2 2 3

#### Y-SUPPORT SQUARE



L (mm)
180
200
300

ORDER CODE
0 1 1 - 9 1 2 3 1
0 1 1 - 9 1 2 3 2
0 1 1 - 9 1 2 3 3

### Planning examples

