

# SMART LINE 1F

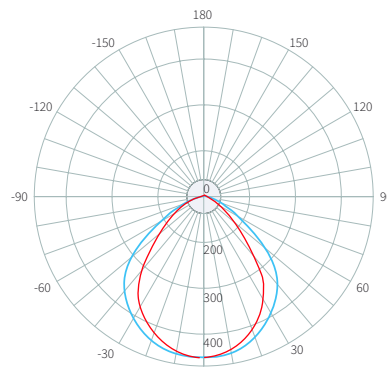
FITTINGS FOR MARKETS AND HYPERMARKETS



Fittings for a suspended installation

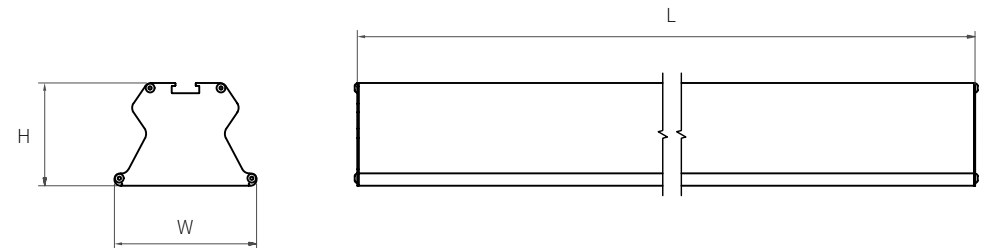


The SMART LINE luminaire is used for connection into light lines and is ideal for large supermarkets and shopping facilities. The luminaire housing is made of profiles anodized in silver and connected with a microprism cover. Cover installation - rail, sling on steel cables. The standard includes an integrated LED light source and high-performance single-phase power supply. Available Color temperature of light is 4000K or other on request.



Light distribution curve of the selected fitting SMART LINE / mP

cd/klm — C0 - C180 — C90 - C270



FITTING CODE	DIMENSIONS [mm]			POWER [W]	LUMEN [lm] *		WEIGHT [kg]
	L	W	H		/mP	/D	
SM-LINE-1F-15-45W	1520	92	66	45	5100	4700	3,00
SM-LINE-1F-15-70W	1520	92	66	70	8000	7400	3,00
SM-LINE-1F-30-90W	2985	92	66	90	10200	9400	6,00
SM-LINE-1F-30-140W	2985	92	66	140	16000	14900	6,00

\* The total luminous flux of the luminaire measured diffuser 25°C

## Options

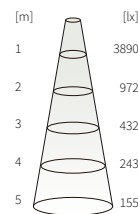


## Additional elements

- SM-LINE ZL - Line Closing
- SM-LINE ZU - Suspension Wire /handle (l. 1mb or 2mb)
- SM-LINE ZAL - Power supply

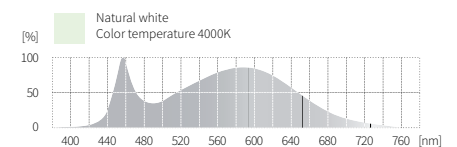
## Luminous intensity from a single fitting

[m] - height  
[lx] - intensity



SM-LINE-15-70W 4000K

## Spectral distribution




















Lighting parameters	SM-LINE-1F-15-45W	SM-LINE-1F-15-70W	SM-LINE-1F-30-90W	SM-LINE-1F-30-140W
Luminous flux	/mP 5100 lm /D 4700 lm	/mP 8000 lm /D 7400 lm	/mP 10200 lm /D 9400 lm	/mP 16000 lm /D 14900 lm
Luminous efficiency	110 lm/W	110 lm/W	110 lm/W	110 lm/W
Colour rendering index	85	85	85	85
Color temperature	4000K	4000K	4000K	4000K
Beam angle	91°	91°	91°	91°
<b>Electrical parameters</b>				
Power (przy nominalnym napięciu zasilania)	45 W	70 W	90 W	140 W
Power voltage	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz	230 V / 50 Hz
Power factor (PF)	0,99	0,99	0,99	0,99
Nominal current	200 mA	304 mA	400 mA	608 mA
Protection class	I	I	I	I
<b>Other functional parameters</b>				
Protection rating IP	IP40	IP40	IP40	IP40
Operation temperature	to +45°C	to +45°C	to +45°C	to +45°C
Ambient humidity	from 20% to 80%	from 20% to 80%	from 20% to 80%	from 20% to 80%
Long life	100.000 h	100.000 h	100.000 h	100.000 h
Mounting	Fittings for a suspended installation			

/mP - Micro-prism cover /D - Diffusion cover

\* The total luminous flux of the luminaire measured diffuser 25°C

## LEGEND

 LED	LED source	 RoHS COMPLIANT	The RoHS Directive	 /P/D/S	Type of diffuser	 PZH	Hygiene certificate of the National Institute of Hygiene	 220-240 VAC	Power voltage	 CE	Declaration of Conformity
 Ra 85	Color Rendering Index		Protection class I	 120°	Light distribution angle	 45°C	Maximum ambient temperature	 3000K 4000K 5700K	Color temperature		Sequential Power supply
 IP	Protection rating IP	 lm	Luminous flux	 IK	IK Protection rating	 A+	Energy efficiency class	 DALI	DALI Connect		