



### Mechanical properties

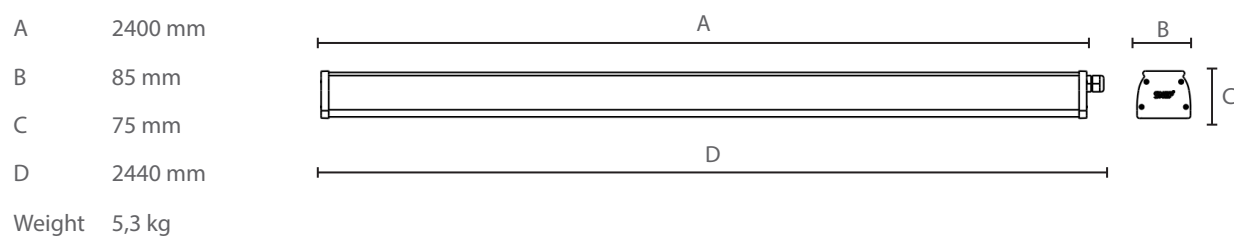
Protection class	I	
Degree of protection	IP44	
IK-classification	IK08	
Operating temperature [°C]	-25...+40 °C -40...+50 °C (Industry) -40...+40 °C (150W)	
Body structure / other technical information	Frame aluminium profile, ends durable and fire-retardant V-0-fire classified PC-plastic or aluminium.	
General information / product information	SNEP Linear SR is a cost-effective ramp luminaire that shines especially in store installations, both along the lighting fixture rail and in the middle of the rails with separate brackets. The recycled aluminum body removes heat from the electronics of the luminaire and optic options allow its use in a variety of applications. The durable Linear SR meets the requirements of the Sports Fitness Test DIN18032-3, adding sports facilities to the wide range of applications. Multiple coupling solutions make it easy to define the luminaire to fit any space. Lighting is manufactured in Finland.	
Diffuser / optics	Optical diffuser, high efficiency optical cover micro prism, clear or satin PC.	
Mounting	Ceiling, lighting suspension rail, cable, suspended or with adjustable ramp bracket. Installation kits available separately.	

### Electrical properties

Voltage	220 - 240 V	
Frequency	50 / 60 Hz	
Power	67 / 85 / 108 / 137 / 150 W	
Control / dimming	On/off, Dali	
Light source	LED	
Electrical connection **	With a preassembled 1,5 m 3 x 1,5 mm <sup>2</sup> installation cable (DALI 5 x 1,5 mm <sup>2</sup> )	
Power factor	> 0,95	
Luminaire lifetime *	L80B50 100.000 h L80B50 50.000 h (150W)	
Failure rate *	100.000h /10%	

\* All the values are measured in continuous normal working conditions  $T_a +25\text{ °C}$   
 \*\* Also available with different types of cables, lengths, connectors and through-wirings  
 Not to be installed in condensing environments  
 There is a  $\pm 5\%$  tolerance in output power and luminous flux

### Measurements

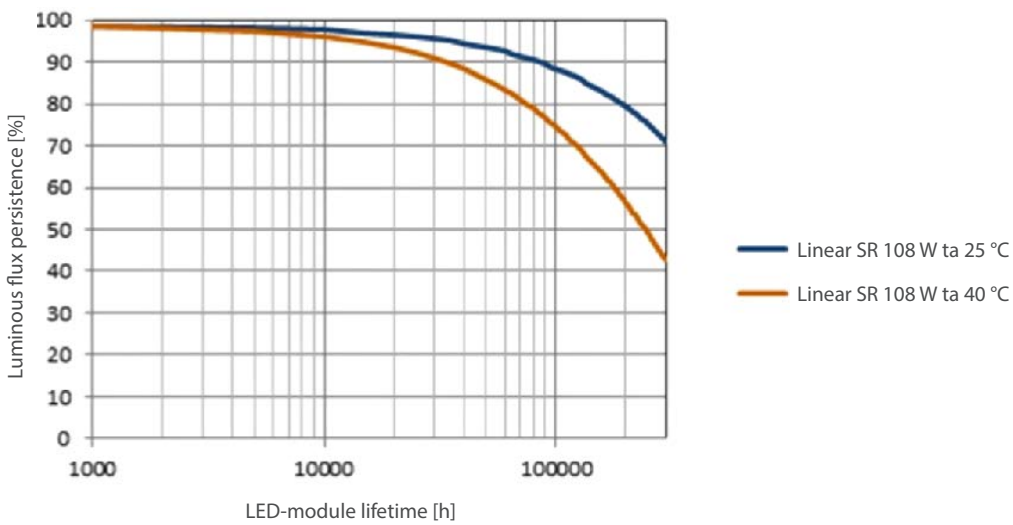




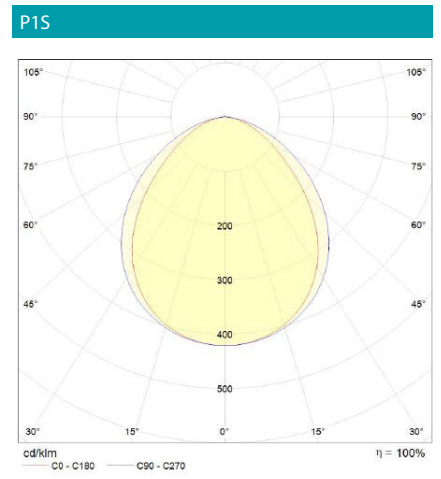
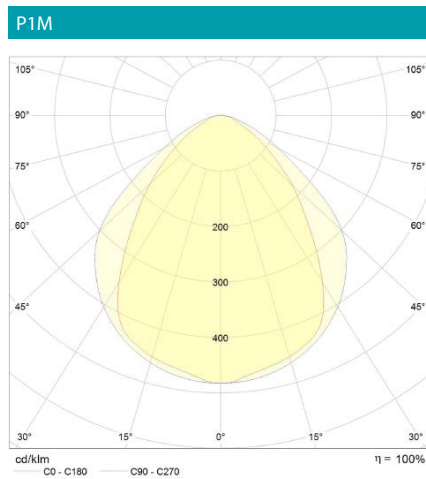
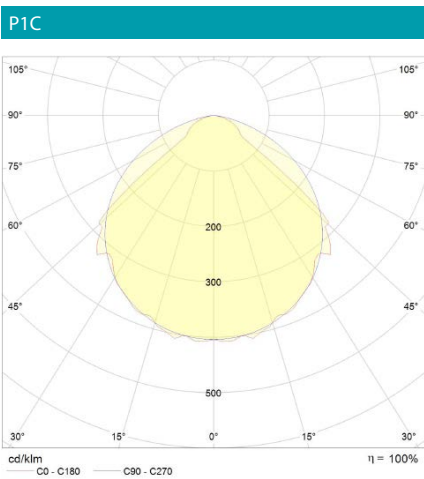
## Linear SR- standard products

Type	Degree of protection	Operating temperature	IK-class	Optics	Power	Luminous flux (Luminaire)
SNEP Linear SR 840-P1C-44S-111200	IP44	-25...+40°C	IK08	P1C	108W	16570 lm
SNEP Linear SR 840-P1M-44S-111200	IP44	-25...+40°C	IK08	P1M	108W	15440 lm
SNEP Linear SR 840-P1S-44S-111200	IP44	-25...+40°C	IK08	P1S	108W	16010 lm

## Luminous flux persistence



## Light distribution charts



### P1C

Power W	Colour temperature (CCT)	CRI (Ra)	Luminous flux lm (luminaire)	Luminous efficacy lm/W (luminaire)
67	3000K	typ. 85	10240	153
67	4000K	typ. 85	10670	159
67	5000K	typ. 85	10960	164
85	3000K	typ. 85	12660	149
85	4000K	typ. 85	13190	155
85	5000K	typ. 85	13550	159
108	3000K	typ. 85	15900	147
108	4000K	typ. 85	16570	153
108	5000K	typ. 85	17020	158
137	3000K	typ. 85	19360	141
137	4000K	typ. 85	19780	144
137	5000K	typ. 85	20300	148
150	3000K	typ. 85	20270	135
150	4000K	typ. 85	21120	141
150	5000K	typ. 85	21690	145

### P1M

Power W	Colour temperature (CCT)	CRI (Ra)	Luminous flux lm (luminaire)	Luminous efficacy lm/W (luminaire)
67	3000K	typ. 85	9540	142
67	4000K	typ. 85	9940	148
67	5000K	typ. 85	10210	152
85	3000K	typ. 85	11790	139
85	4000K	typ. 85	12290	145
85	5000K	typ. 85	12620	148
108	3000K	typ. 85	14820	137
108	4000K	typ. 85	15440	143
108	5000K	typ. 85	15860	147
137	3000K	typ. 85	18040	132
137	4000K	typ. 85	18810	137
137	5000K	typ. 85	18910	138
150	3000K	typ. 85	18890	126
150	4000K	typ. 85	19680	131
150	5000K	typ. 85	20220	135

### P1S

Power W	Colour temperature (CCT)	CRI (Ra)	Luminous flux lm (luminaire)	Luminous efficacy lm/W (luminaire)
67	3000K	typ. 85	9890	148
67	4000K	typ. 85	10310	154
67	5000K	typ. 85	10590	158
85	3000K	typ. 85	12230	144
85	4000K	typ. 85	12740	150
85	5000K	typ. 85	13090	154
108	3000K	typ. 85	15360	142
108	4000K	typ. 85	16010	148
108	5000K	typ. 85	16440	152
137	3000K	typ. 85	18700	136
137	4000K	typ. 85	19090	139
137	5000K	typ. 85	19600	143
150	3000K	typ. 85	19580	131
150	4000K	typ. 85	20400	136
150	5000K	typ. 85	20960	140