SNEP Linear P
Datasheet

Mechanical properties

Protection class	I
Degree of protection	IP44 / IP65
IK-classification	IK08
Operating temperature	-25….+40°C / -40…+50°C

Body structure / other technical information	Frame aluminium profile, ends durable and fire-retardant V-0-fire classificated PC-plastic.
General information / product information	SNEP Linear P –series products fit among in parking lots, corridors, warehouses and in public areas. Aluminium body structured luminaires are specially designed for low spaces. Brilliant and functional construction makes the high quality luminaire easy to use, maintain and an inexpensive investment. Linear P can be modified in many different ways according to the customer or the final destination.
Diffuser / optics	Optical diffuser, optical cover micro prism PC.
Mounting	Ceiling, lighting suspension rail, cable, suspended or with adjustable ramp bracket. Installation kits available separately.

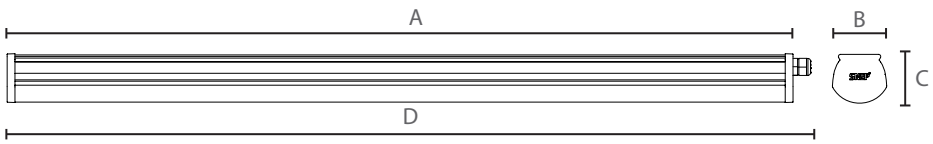
Electrical properties

Voltage	220 - 240 V
Frequency	50 / 60 Hz
Power	27 / 34 / 43 / 54 / 68 W
Control / dimming	On/off, Dali
Light source	LED
Electrical connection**	Quick connector or preassembled connection cable (3x1,5mm² / 5x2,5mm²)
Power factor	> 0,95
Luminaire lifetime*	L80B50 100.000 h
Failure rate*	100.000h /10%

* All the values are measured in normal working conditions T_a +25 °C
** Also available with different cable types, lenghts, conectors and as in through wired
Not to be installed in condensing environments, there is a ± 5 % tolerance in output power and luminous flux

Measurements

A	1210 mm
B	85 mm
C	75 mm
D	1250 mm
Weight	2,5 kg



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SNEP Linear P

Product number

1 LED properties

8	30
Minimum CRI	Colour temperature

2 Optical properties

P0	M
Optics	Optical cover

3 Mechanical properties

44	S
Degree of protection	Colour

LED options

830 = CRI min. 80 typ. 85, CCT 3000K

840 = CRI min. 80 typ. 85, CCT 4000K

850 = CRI min. 80 typ. 85, CCT 5000K

Light distributions

Polar light distribution charts can be found in the end of the datasheet.

P0M = Optical cover micro prism

Degree of protection options

44 = IP44 Protection against object sized over a 1mm and splashing of water

64 = IP64 Cover against dust and splashing water

Colour options

S = Anodised gray

4 Electrical properties

28	1	1	0	0
Power	Connection type	Cable length	Connector	Electronics

Power options

28 = 27W
35 = 34W
45 = 43W
56 = 54W
70 = 68W

Connection options

0. Quick connection 3x1,0-1,5mm²
1. Connection cable from end (MSK) 1,5mm²
3. Rubber cable from end (VSKB) 1,5mm²
4. Connection cable through-wiring (MSK) 2,5mm²
5. Connection cable through-wiring (VSKB) 2,5mm²
6. Quick connection through-wiring 5x1,5-2,5mm²
7. Connection cover 5x2,5mm²
8. Connection cover through-wiring 5x2,5mm²

Cable length options

0 = no cable
1 = 1,5m
2 = 4m
Through-wiring (*)
3 = 1,8m + 1,9m
4 = 1,8m + 2,9m
5 = 1,8m + 3,9m
6 = 1,8m + 0,9m
7 = 0,8m + 0,9m

*The stated cable lengths are the actual lengths that the cable comes out of the luminaire (±0,1 m)

Connector options

0 = No connector
1 = Winsta (IP 20)
2 = Enstonet (IP 20)
3 = Schuko plug

Control option

0 = No control
2 = DALI
4 = Industrial (-40…+50°C)
5 = Industrial DALI (-40…+50°C)

Every combination is not possible

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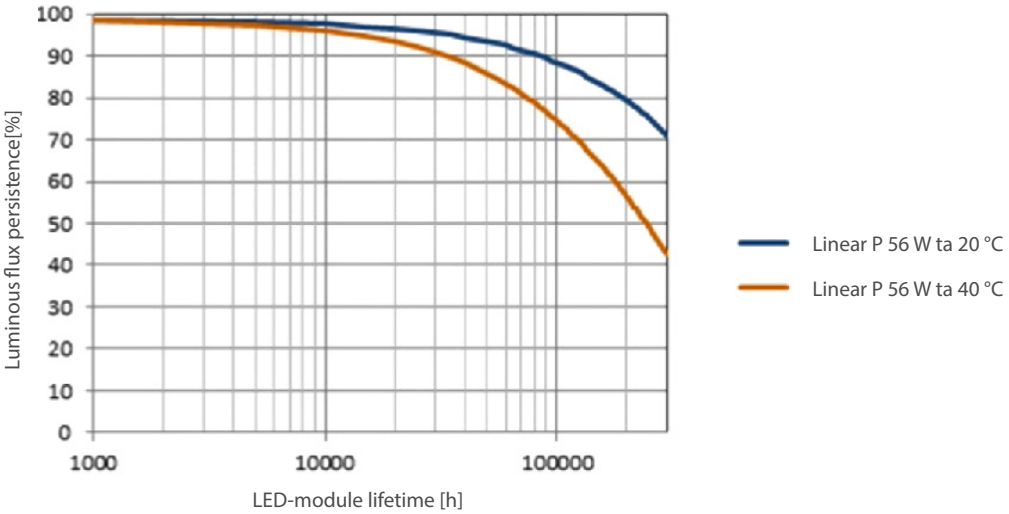
SNEP Linear P

Standard products

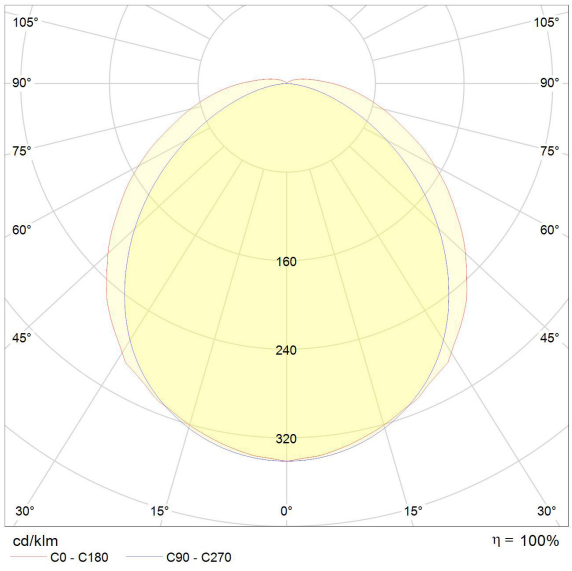
Type	Degree of protection	Operating temperature	IK-class	Power	Luminous flux (Luminaire)
Linear P- standard products					
SNEP Linear P 840-P0M-44S-281100	IP44	-25…+40°C	IK08	27W	3750 lm
SNEP Linear P 840-P0M-65S-281100	IP65	-25…+40°C	IK08	27W	3750 lm
SNEP Linear P 840-P0M-44S-561100	IP44	-25…+40°C	IK08	54W	7290 lm
SNEP Linear P 840-P0M-65S-561100	IP65	-25…+40°C	IK08	54W	7290 lm

Luminous flux persistence



Light distribution chart

P0M

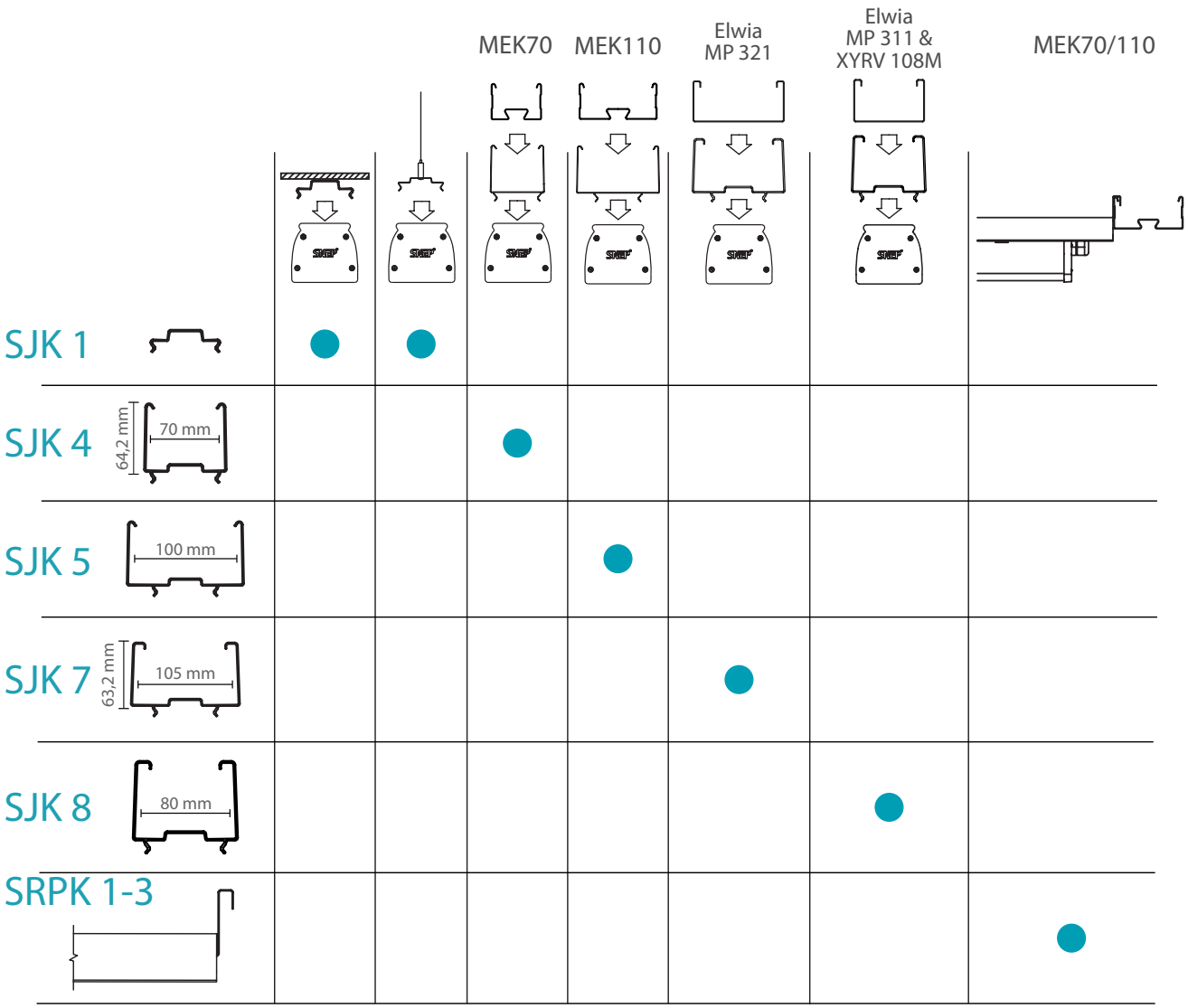


SNEP Linear P

Liminance values & accessories

P0M				
Power W	Colour temperature (CCT)	CRI (Ra)	Luminous flux lm (luminaire)	Luminous efficacy lm/W (luminaire)
27	3000K	min.80	3580	133
27	4000K	min.80	3750	139
27	5000K	min.80	3860	143
34	3000K	min.80	4271	126
34	4000K	min.80	4450	131
34	5000K	min.80	4570	134
43	3000K	min.80	5830	136
43	4000K	min.80	6070	141
43	5000K	min.80	6240	145
54	3000K	min.80	7320	136
54	4000K	min.80	7630	141
54	5000K	min.80	7830	145
68	3000K	min.80	8980	132
68	4000K	min.80	9360	138
68	5000K	min.80	9620	141

SNEP commercial brackets according to installation type



SRPK 1 - Bracket is meant to be used when the suspension rail spacing is a maximum of 2300 mm (length 1000mm)
SRPK 2 - Bracket is meant to be used when the suspension rail spacing is between 2800 - 3100 mm (length 1400mm)
SRPK 3 - Bracket is meant to be used when the suspension rail spacing is between 3600 - 3900 mm (length 1800mm)

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SNEP special brackets according to installation type

		Suspended ceiling	Wire	Pipe Ø48-54 mm	Wall	Busbar	Cable ladder
SJK 3	●						
SJK 6		●					
SJK 9			●				
SJK 10				●			
SJK 12					●		
SJK 13						●	
SJK 14							●

Maximum amount of luminaires / MCB

MCB type Luminaire	C10	C13	C16	B10	B13	B16
Linear P	12	16	20	8	10	12
Linear P Industry	8	12	14	4	6	7

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