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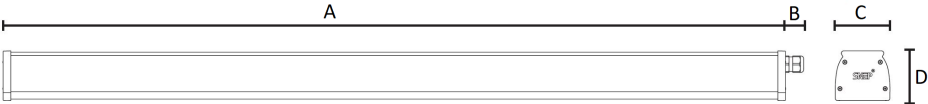
SNEP[®] LINEAR SI – A brilliant industry light

SNEP[®] Linear SI was developed especially for industrial needs. The light is excellent as a general light in production and storage facilities up to 14 metres high.

SNEP[®] Linear SI is a luminaire specifically developed for industrial needs. It is at its best, for example, in between the warehouse shelves and above the ice rinks even at a height of 12 meters. The frame made of recycled aluminum transfers heat away from the luminaire's electronic parts, and optic options enable even innovative uses. Linear SI meets the requirements of the sports facility endurance test and replaces traditional lighting solutions with its excellent light output. With an industrial driver, Linear SI is an excellent choice even for challenging conditions. Versatile connection type and mounting solutions allow the luminaire to be modified to suit the space already in the design phase. The luminaire is manufactured in Finland.

Product info

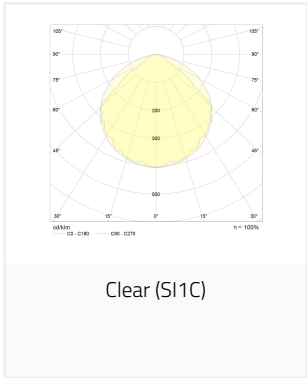
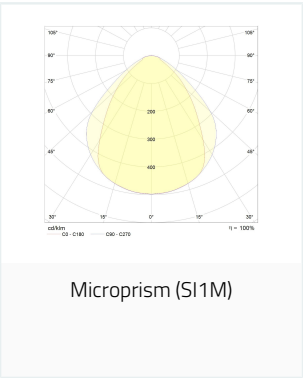
IP-class	IP64 / IP44 / IP20 depending on the configuration
Mechanical impact resistance	IK08
Protection class	I
Ambient temperature	Ta -25...+40°C / -40...+50°C depending on the selected power and electronic control gear versions
Voltage	200-240 Vac
Power Factor	>0.95
Frequency	0/50/60 Hz
Frame Structure	Frame recycled Purso Greenline aluminium profile, end caps durable and V0-classified flame retardant PC-plastics
Colour	Anodized grey
Optical cover / Optics	Microprism or clear PC-cover
CRI / CCT	▪ 3000K, CRI > 80 ▪ 4000K, CRI > 80 ▪ 5000K, CRI > 80 ▪ 4000K, CRI > 90 ▪ 5000K, CRI > 90
Electronics	▪ On/Off ▪ DALI ▪ Industrial ON/OFF ▪ Industrial DALI
Installation method	With LINEAR-brackets
Lumen maintenance	L80B50 100 000h up to 146W
Failure rate	100 000h / 10 %
Warranty	5-years.
Length	A 1510 mm, B 40mm, C 88 mm, D 75 mm



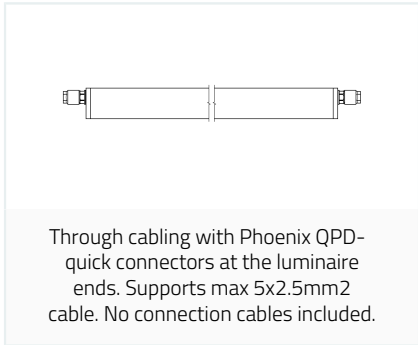
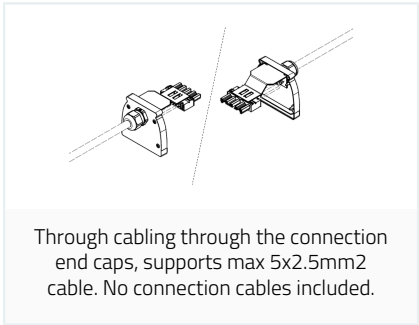
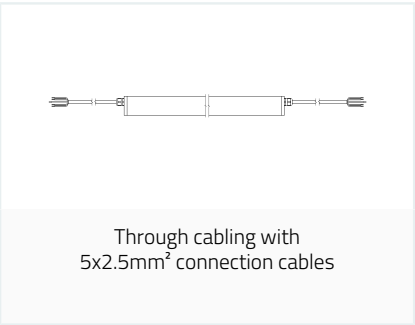
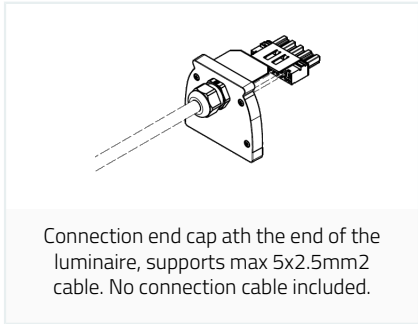
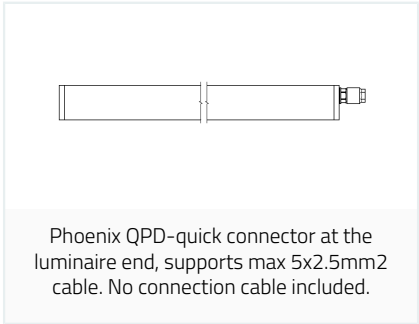
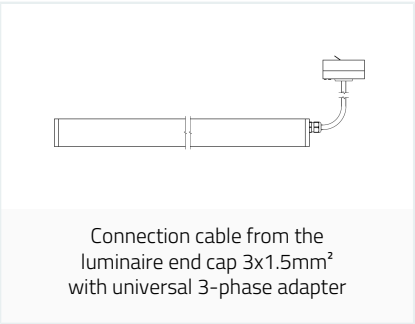
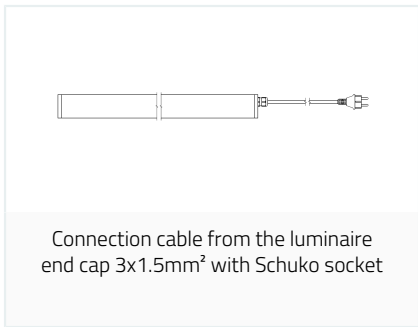
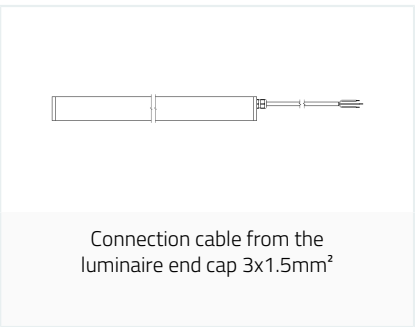
Classifications



Optics



Connections





Through cabling with 5x2.5mm² Wago Winsta connection cables. Female cable always 2m long and the male cable length from 1 to 8m.



Through cabling with Phoenix QPD-quick connector at one end and 5x2.5mm² connection cable at the other end of the luminaire.



Through cabling with connection end cap on the one end and 5x2.5mm² connection cable at the other of the luminaire.

Luminaires

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® LINEAR SI	CRI > 80	4000K	SI1M	1510mm	88mm	75mm	3.8kg

Nimike	Technical name	Im**	W**	Im/W**	Ta	Taind	Lifetime	Failure rate
SI1M	840HO2 109W	16200	109	149	-25...+40°C	-40...+50°C	L80B50 = 100 000h	100 000h / 10%
SI1M	840HO2 125W	18200	125	146	-25...+40°C	-40...+50°C	L80B50 = 100 000h	100 000h / 10%
SI1M	840HO2 138W	19450	138	141	-25...+40°C	-40...+40°C	L80B50 = 100 000h	100 000h / 10%
SI1M	840HO2 146W	20350	146	139	-25...+40°C	-40...+40°C	L80B50 = 100 000h	101 000h / 10%
SI1M	840XE 157W	21400	157	136	NA	-40...+40°C	L80B50 = 94000h	100 000h / 10%
SI1M	840XE 168W	22650	168	135	NA	-40...+40°C	L80B50 = 93000h	100 000h / 10%
SI1M	840XO1 179W	23850	179	133	NA	-40...+40°C	L80B50 = 92000h	100 000h / 10%
SI1M	840XO1 190W	25050	190	132	NA	-40...+35°C	L80B50 = 90000h	100 000h / 10%
SI1M	840XO1 202W	26250	202	130	NA	-40...+35°C	L80B50 = 87000h	100 000h / 10%
SI1M	840XO1 213W	27400	213	129	NA	-40...+30°C	L80B50 = 84000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® LINEAR SI	CRI > 90	4000K	SI1M	1510mm	88mm	75mm	3.8kg

Nimike	Technical name	Im**	W**	Im/W**	Ta	Taind	Lifetime	Failure rate
SI1M	940HO2 109W	14800	109	136	-25...+40°C	-40...+50°C	L80B50 = 100 000h	100 000h / 10%
SI1M	940HO2 125W	16600	125	133	-25...+40°C	-40...+50°C	L80B50 = 100 000h	100 000h / 10%
SI1M	940HO2 138W	17750	138	129	-25...+40°C	-40...+40°C	L80B50 = 100 000h	100 000h / 10%
SI1M	940HO2 146W	18550	146	127	-25...+40°C	-40...+40°C	L80B50 = 100 000h	100 000h / 10%
SI1M	940XE 157W	19500	157	124	NA	-40...+40°C	L80B50 = 94000h	100 000h / 10%
SI1M	940XE 168W	20650	168	123	NA	-40...+40°C	L80B50 = 93000h	100 000h / 10%
SI1M	940XO1 179W	21750	179	122	NA	-40...+40°C	L80B50 = 92000h	100 000h / 10%
SI1M	940XO1 190W	22850	190	120	NA	-40...+35°C	L80B50 = 90000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® LINEAR SI	CRI > 80	4000K	SI1C	1510mm	88mm	75mm	3.8kg

Nimike	Technical name	Im**	W**	Im/W**	Ta	Taind	Lifetime	Failure rate
SI1C	840HO2 109W	17250	109	158	-25...+40°C	-40...+50°C	L80B50 = 100 000h	100 000h / 10%
SI1C	840HO2 125W	19300	125	154	-25...+40°C	-40...+50°C	L80B50 = 100 000h	100 000h / 10%

SI1C	840HO2 138W	20650	138	150	-25...+40°C	-40...+40°C	L80B50 = 100 000h	100 000h / 10%
SI1C	840HO2 146W	21600	146	148	-25...+40°C	-40...+40°C	L80B50 = 100 000h	100 000h / 10%
SI1C	840XE 157W	22700	157	145	NA	-40...+40°C	L80B50 = 94000h	100 000h / 10%
SI1C	840XE 168W	24050	168	143	NA	-40...+40°C	L80B50 = 93000h	100 000h / 10%
SI1C	840XO1 179W	25350	179	142	NA	-40...+40°C	L80B50 = 92000h	100 000h / 10%
SI1C	840XO1 190W	26600	190	140	NA	-40...+35°C	L80B50 = 90000h	100 000h / 10%
SI1C	840XO1 202W	27850	202	138	NA	-40...+35°C	L80B50 = 87000h	100 000h / 10%
SI1C	840XO1 213W	29100	213	137	NA	-40...+30°C	L80B50 = 84000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® LINEAR SI	CRI > 90	4000K	SI1C	1510mm	88mm	75mm	3.8kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Ta _{ind}	Lifetime	Failure rate
SI1C	940HO2 109W	15700	109	144	-25...+40°C	-40...+50°C	L80B50 = 100 000h	100 000h / 10%
SI1C	940HO2 125W	17650	125	141	-25...+40°C	-40...+50°C	L80B50 = 100 000h	100 000h / 10%
SI1C	940HO2 138W	18850	138	137	-25...+40°C	-40...+40°C	L80B50 = 100 000h	100 000h / 10%
SI1C	940HO2 146W	19700	146	135	-25...+40°C	-40...+40°C	L80B50 = 100 000h	100 000h / 10%
SI1C	940XE 157W	20700	157	132	NA	-40...+40°C	L80B50 = 94000h	100 000h / 10%
SI1C	940XE 168W	21950	168	131	NA	-40...+40°C	L80B50 = 93000h	100 000h / 10%
SI1C	940XO1 179W	23100	179	129	NA	-40...+40°C	L80B50 = 92000h	100 000h / 10%
SI1C	940XO1 190W	24250	190	128	NA	-40...+35°C	L80B50 = 90000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® LINEAR SI	CRI > 80	4000K	SI1M	1510mm	88mm	75mm	3.8kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Ta _{ind}	Lifetime	Failure rate
SI1M	840XT 109W	16200	109	149	NA	-40...+60°C	L80B50 = 100 000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® LINEAR SI	CRI > 80	4000K	SI1C	1510mm	88mm	75mm	3.8kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Ta _{ind}	Lifetime	Failure rate
SI1C	840XT 109W	17250	109	158	NA	-40...+60°C	L80B50 = 100 000h	100 000h / 10%

*Values are given in normal ambient temperature +25°C
For non condensing environment or use
Cabling length tolerance from the luminaire ends +0...-10%
Input power tolerance is ±5% and light output tolerance is ±7%