

SNEP® MODE SI
- simply powerful

SNEP® MODE SI is an excellent choice for industrial and general-purpose lighting needs. It is designed for medium to high-height spaces, with a sturdy recycled aluminum frame and an IP65 rating.

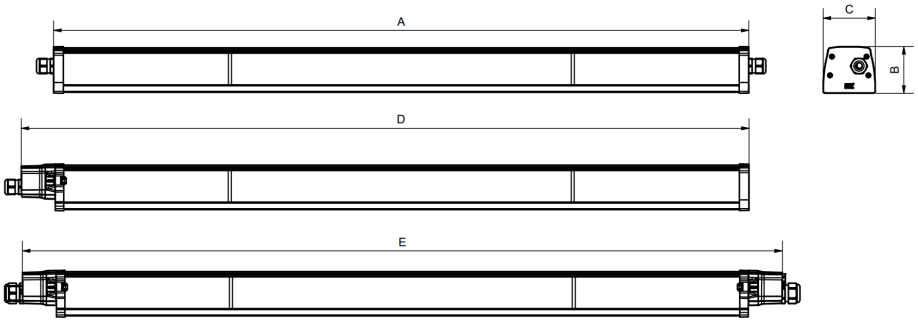
The SNEP® MODE SI, is suitable for use at heights of 5 to 14m: microprismatic light distribution, high IP65 protection rating, wide lumen output and operation temperature ranges enable a great variety of options in use. The luminaire offers multiple connection and mounting options. The product is quick and easy to install.

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Product info

IP-class	IP65 / IP20 depending on the configuration
Mechanical impact resistance	IK08 / IK07
Protection class	I
Ambient temperature	Ta -25...+45°C - -25...30°C / Taind -40...+55°C - -40...+30°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	Powder coated white (RAL9016) or gray (RAL7035) or black (RAL9005)
Optical cover / Optics	Prismatic or clear PC-cover
CRI / CCT	• 3000K CRI > 80, MacAdam 3 SDCM • 4000K CRI > 80, MacAdam 3 SDCM • 5000K CRI > 80, MacAdam 3 SDCM • 4000K CRI > 90, MacAdam 3 SDCM • 5000K CRI > 90, MacAdam 3 SDCM
Control	• On/Off • DALI • Industrial ON/OFF • Industrial DALI • Philips MasterConnect High Bay PIR and daylight sensor, SNH210MC, IP65 • Philips MasterConnect control, SN412MC, IP20 • Luminaire integrated DALI-system sensor. IP65 High Bay PIR and daylight.
Installation method	With SNEP® MODE-brackets
Lumen maintenance	L80B50>100 000h, L80B10>90 000h, L90B50>50 000h
Failure rate	100 000h / 10 %
Warranty	5-years.
Length	A 1510 mm, B 80 mm, C 85 mm, D=A+85 mm, E=A+85+85mm

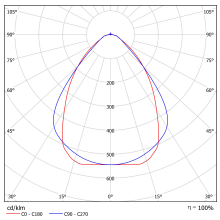


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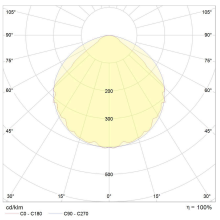
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Classifications

Optics



Microprismatic optical cover

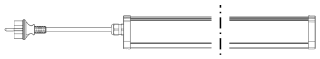


Clear optical cover

Connections



Connection cable from the luminaire end cap 3x1.5mm^2



Connection cable from the luminaire end cap 3x1.5mm^2 with Schuko socket



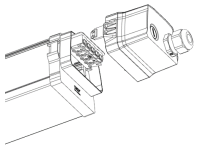
Connection cable from the luminaire end cap 3x1.5mm^2 with universal 3-phase adapter



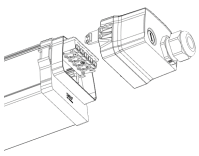
Connection cable from the luminaire end cap 5x2.5mm^2 with Wago Winsta (IP20) male connector



Liitoskaapeli päästä 5x1.5mm^2 Wago Winsta (IP20) urosliittimellä



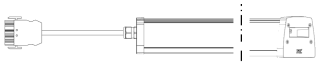
Connection end cap at the end of the luminaire with M20 cable gland, supports max 5x2.5mm2 cable diam 6-13mm. No connection cable included.



Connection end cap at the end of the luminaire with M25 cable gland,



Through cabling with 5x2.5mm^2 connection cables



Through cabling with 5x2.5mm^2 Wago Winsta male connection cable at the other end and

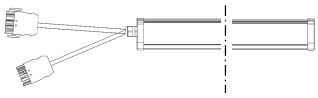
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supports max 5x2.5mm2 cable diam 8-17mm. No connection cable included.

integrated female connector at the other end cap of the luminaire.



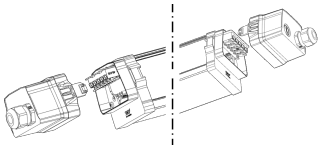
Through cabling with 5x2.5mm^2 Wago Winsta connection cables. Female cable always 2m long and the male cable length from 1 to 8m.



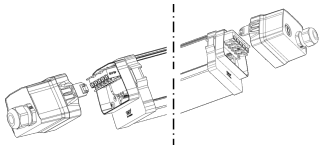
Through cabling with 5x2.5mm^2 Wago Winsta connection cables from the same end cap. Female cable always 2m long and the male cable length from 1 to 8m.



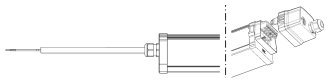
Through cabling from the same end cap with 5x2.5mm^2 connection cables



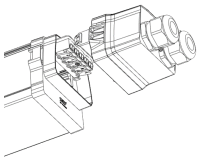
Through cabling through the connection end caps with M20 cable glands, supports max 5x2.5mm2 cable diam 6-13mm. No connection cables included.



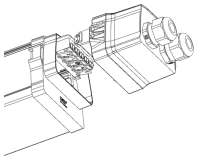
Through cabling through the connection end caps with M25 cable glands, supports max 5x2.5mm2 cable diam 8-17mm. No connection cables included.



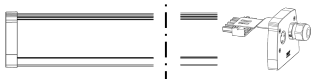
Through cabling with connection end cap on the one end and 5x2.5mm^2 connection cable at the other of the luminaire.



Through cabling through the connection end caps with M20 cable glands from the same end cap, supports max 5x2.5mm2 cable diam 6-13mm. No connection cables included.



Through cabling through the connection end caps with M25 cable glands from the same end cap, supports max 5x2.5mm2 cable diam 8-17mm. No connection cables included.



Through cabling through the connection end caps with terminal blocks supporting 7-pole max 7x2.5mm2 cabling. No connection cables included. Cable glands M25 and M20, supporting cables diam 8-17mm and 6-13mm respectively.

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Luminaires

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® MODE SI	CRI > 80	4000K	M1	1500mm	88mm	85mm	4kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
SI M1	840XT 103W	15850	103	154	-40...+55°C	-40...+55°C	L80B50>100000h, L90B50=76000h	100 000h / 10%
SI M1	840HO2 108W	16600	108	154	-25...+45°C	-40...+50°C	L80B50>100000h, L90B50=76000h	100 000h / 10%
SI M1	840HO2 125W	18750	125	150	-25...+40°C	-40...+50°C	L80B50>100000h, L90B50=72000h	100 000h / 10%
SI M1	840HO2 138W	20450	138	148	-25...+35°C	-40...+45°C	L80B50>100000h, L90B50=50000h	100 000h / 10%
SI M1	840HO2 146W	21550	146	148	-25...+30°C	-40...+45°C	L80B50>100000h, L90B50=49000h	100 000h / 10%
SI M1	840XE 156W	22800	156	146	-40...+45°C	-40...+45°C	L80B50>100000h, L90B50=48000h	100 000h / 10%
SI M1	840XE 167W	24100	167	144	-40...+40°C	-40...+40°C	L80B50>100000h, L90B50=46000h	100 000h / 10%
SI M1	840XO1 178W	25450	178	143	-40...+40°C	-40...+40°C	L80B50>100000h, L90B50=46000h	100 000h / 10%
SI M1	840XO1 189W	26750	189	142	-40...+35°C	-40...+35°C	L80B50>100000h, L90B50=45000h	100 000h / 10%
SI M1	840XO1 200W	28000	200	140	-40...+35°C	-40...+35°C	L80B50>100000h, L90B50=43000h	100 000h / 10%
SI M1	840XO1 211W	29250	211	139	-40...+30°C	-40...+30°C	L80B50>100000h, L90B50=42000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® MODE SI	CRI > 80	4000K	C1	1500mm	88mm	85mm	4kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
SI C1	840XT 103W	16750	103	163	-40...+55°C	-40...+55°C	L80B50>100000h, L90B50=76000h	100 000h / 10%
SI C1	840HO2 108W	17550	108	163	-25...+45°C	-40...+50°C	L80B50>100000h, L90B50=76000h	100 000h / 10%
SI C1	840HO2 125W	19850	125	159	-25...+40°C	-40...+50°C	L80B50>100000h, L90B50=72000h	100 000h / 10%
SI C1	840HO2 138W	21600	138	157	-25...+35°C	-40...+45°C	L80B50>100000h, L90B50=50000h	100 000h / 10%
SI C1	840HO2 146W	22750	146	156	-25...+30°C	-40...+45°C	L80B50>100000h, L90B50=49000h	100 000h / 10%

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SI C1	840XE 156W	24100	156	154	-40...+45°C	-40...+45°C	L80B50>100000h, L90B50=48000h	100 000h / 10%
SI C1	840XE 167W	25500	167	153	-40...+40°C	-40...+40°C	L80B50>100000h, L90B50=46000h	100 000h / 10%
SI C1	840XO1 178W	26900	178	151	-40...+40°C	-40...+40°C	L80B50>100000h, L90B50=46000h	100 000h / 10%
SI C1	840XO1 189W	28250	189	149	-40...+35°C	-40...+35°C	L80B50>100000h, L90B50=45000h	100 000h / 10%
SI C1	840XO1 200W	29600	200	148	-40...+35°C	-40...+35°C	L80B50>100000h, L90B50=43000h	100 000h / 10%
SI C1	840XO1 211W	30900	211	146	-40...+30°C	-40...+30°C	L80B50>100000h, L90B50=42000h	100 000h / 10%

*Values are given in normal ambient temperature +25°C
Power tolerance ±5% and luminous flux tolerance ±7% | Cable length from the end of the luminaire +0...-10%
Snep Lighting Oy is not responsible for MCB circuit sizes. Account for at least cabling, MCB operating environment, and load during design.
We reserve the right to make changes.

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