SNEP® MODE L
- light master

The SNEP® MODE L is a general-purpose Armatur with an excellent optical performance, featuring a recycled aluminum frame and an IP65 rating, suitable for all kinds of spaces.

Master of light, SNEP® MODE L with its optimized optics is a natural choice for lighting in retail, industry, logistics, education, sport facilities and warehouses. High IP65 protection rating along with a wide operating temperature and lumen output range, enables installation in a variety of surroundings. The Armatur is available in two different lengths and offers multiple wiring and mounting options. The product is quick and easy to install.

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Snep Lighting Oy • Alumiinitie 1, FI-37200 Siuro • +358 (0)3 3404 300 • info@sneplighting.com • sneplighting.com
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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...+50°C - -25...30°C / Taind -40...+65°C - -40...+35°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	PMMA lenses
CRI / CCT	• 3000K CRI > 80, MacAdam 3 SDCM • 4000K CRI > 80, MacAdam 3 SDCM • 5000K CRI > 80, MacAdam 3 SDCM • 3000K CRI > 90, MacAdam 3 SDCM • 4000K CRI > 90, MacAdam 3 SDCM • 5000K CRI > 90, MacAdam 3 SDCM
Control	• On/Off • DALI • Industrial ON/OFF • Industrial DALI • ActiveAhead IP65 Low Bay PIR and daylight. • ActiveAhead IP65 High Bay PIR and daylight. • ActiveAhead control. Requires an AA-sensor or switch to the network! • Casambi control • Philips MasterConnect Low Bay PIR and daylight sensor, SNS212MC, IP20 • Philips MasterConnect High Bay PIR and daylight sensor, SNH210MC, IP65 • Philips MasterConnect control, SN412MC, IP20 • Armatur integrated DALI-system sensor. IP65 Low Bay PIR and daylight. • Armatur 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 1416 mm/ 2256 mm, B 80 mm, C 85 mm, D=A+85 mm, E=A+85+85mm

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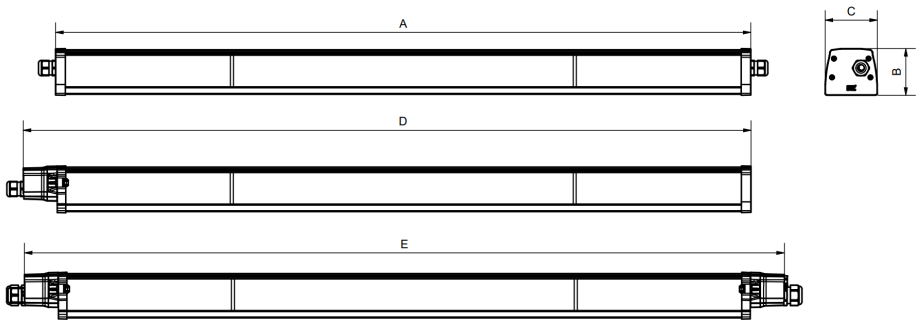
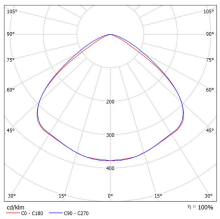
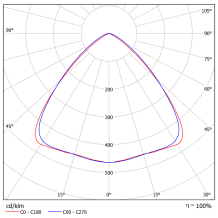


Classifications

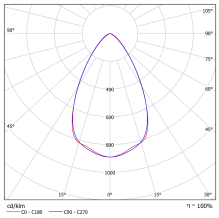
Optics



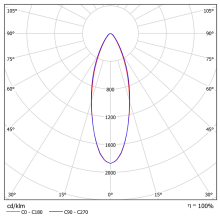
Extra wide 110° lense optics



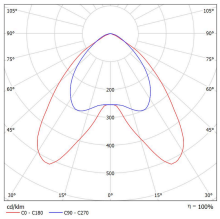
Wide 90° lense optics, UGR<19 up to power class HE2, UGR<22 at higher power classes



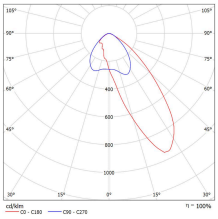
Medium wide 60° lense optics, UGR<16 up to power class HE1, UGR<19 at higher power classes



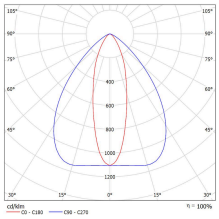
Narrow 30° lense optics, UGR<19



Double asymmetric retail lense optics



Asymmetrical lense optics



Oval lens optics for high shelf gaps

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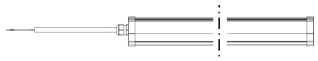
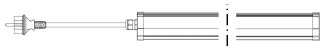
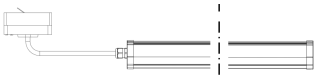
Connections



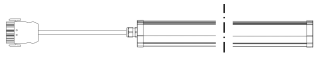
Connection cable from the luminaire end cap 3x1.5mm^2



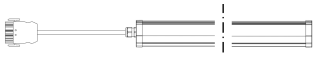
Connection cable from the luminaire end cap 3x1.5mm^2 with Schuko socket



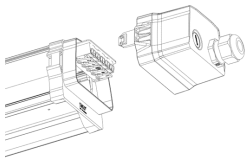
Connection cable from the luminaire end cap 3x1.5mm^2 with universal 3-phase adapter



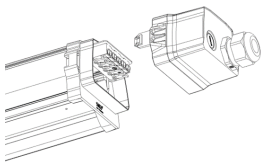
Connection cable from the luminaire end cap 5x2.5mm^2 with Wago Winsta (IP20) male connector



Connection cable from the luminaire end cap 5x1.5mm^2 with Wago Winsta (IP20) male connector

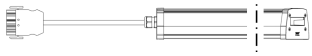


Connection end cap at the end of the luminaire with M20 cable gland, supports max 5x2.5mm2 cable diam 6-13mm. No connection cable included.



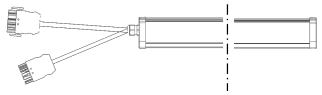
Connection end cap at the end of the luminaire with M25 cable gland, supports max 5x2.5mm2 cable diam 8-17mm. No connection cable included.

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

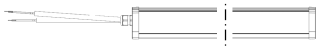


Through cabling with 5x2.5mm^2 Wago Winsta male connection cable at the other end and integrated female connector at the other end cap of the luminaire.

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

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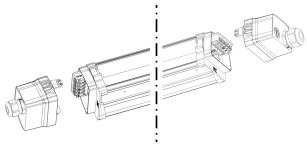
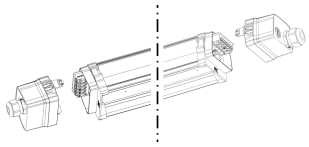
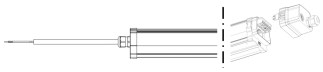


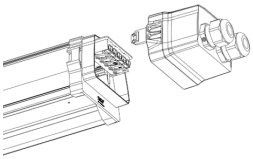
Through cabling through the connection end caps with M20 cable glands, supports max 5x2.5mm2 cable diam 6-13mm. No connection cables included.



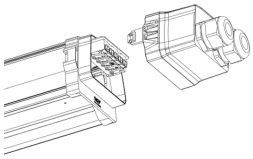
Through cabling through the connection end caps with M25 cable glands, supports max 5x2.5mm2 cable diam 8-17mm. No connection cables included.



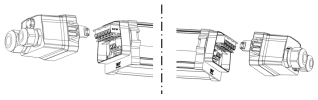
Through cabling with connection end cap on the one end and 5x2.5mm^2 connection cable at the other of the luminaire.



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 L	CRI > 80	4000K	L90	1416mm	88mm	85mm	3.4kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
L05 L90	840HE1 21W	3900	21	185	-25...+55°C	-40...+60°C	L80B50>100000h, L90B50>100000h	100 000h / 10%
L05 L90	840HE1 26W	4850	26	185	-25...+50°C	-40...+60°C	L80B50>100000h, L90B50>100000h	100 000h / 10%
L05 L90	840HE1 36W	6450	36	182	-25...+50°C	-40...+60°C	L80B50>100000h, L90B50>100000h	100 000h / 10%
L05 L90	840HE2 45W	7900	45	174	-25...+45°C	-40...+60°C	L80B50>100000h, L90B50=97000h	100 000h / 10%
L05 L90	840HE2 54W	9400	54	173	-25...+45°C	-40...+60°C	L80B50>100000h, L90B50=91000h	100 000h / 10%
L05 L90	840HO1 63W	10850	63	171	-25...+45°C	-40...+55°C	L80B50>100000h, L90B50=87000h	100 000h / 10%
L05 L90	840HO1 73W	12200	73	168	-25...+45°C	-40...+55°C	L80B50>100000h, L90B50=71000h	100 000h / 10%
L05 L90	840HO1 82W	13650	82	166	-25...+45°C	-40...+55°C	L80B50>100000h, L90B50=58000h	100 000h / 10%
L05 L90	840HO2 90W	14950	90	167	-25...+40°C	-40...+50°C	L80B50>100000h, L90B50=55000h	100 000h / 10%
L05 L90	840HO2 99W	16150	99	163	-25...+40°C	-40...+45°C	L80B50>100000h, L90B50=54000h	100 000h / 10%
L05 L90	840HO2 109W	17450	109	160	-25...+35°C	-40...+40°C	L80B50>100000h, L90B50=52000h	100 000h / 10%
L05 L90	840HO3 128W	19900	128	155	-25...+30°C	-40...+40°C	L80B50>100000h, L90B50=43000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® MODE L	CRI > 80	4000K	L90	2256mm	88mm	85mm	5.5kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
L08 L90	840HE1 43W	7750	43	181	-25...+50°C	-40...+60°C	L80B50>100000h, L90B50>100000h	100 000h / 10%
L08 L90	840HE1 57W	10300	57	181	-25...+50°C	-40...+60°C	L80B50>100000h, L90B50>100000h	100 000h / 10%
L08 L90	840HE1 71W	12600	71	178	-25...+45°C	-40...+60°C	L80B50>100000h, L90B50>100000h	100 000h / 10%
L08 L90	840HE2 85W	15000	85	176	-25...+45°C	-40...+60°C	L80B50>100000h, L90B50=97000h	100 000h / 10%

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L08 L90	840HO1 98W	17350	98	177	-25...+45°C	-40...+55°C	L80B50>100000h, L90B50=91000h	100 000h / 10%
L08 L90	840HO2 112W	19550	112	174	-25...+45°C	-40...+55°C	L80B50>100000h, L90B50=87000h	100 000h / 10%
L08 L90	840HO2 127W	21800	127	172	-25...+45°C	-40...+55°C	L80B50>100000h, L90B50=71000h	100 000h / 10%
L08 L90	840HO2 143W	23900	143	167	-25...+40°C	-40...+50°C	L80B50>100000h, L90B50=58000h	100 000h / 10%
L08 L90	840HO3 159W	25800	159	163	-25...+40°C	-40...+45°C	L80B50>100000h, L90B50=55000h	100 000h / 10%
L08 L90	840HO3 169W	27000	169	160	-25...+35°C	-40...+40°C	L80B50>100000h, L90B50=54000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® MODE L	CRI > 80	4000K	L60	1416mm	88mm	85mm	3.4kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
L05 L60	840HE1 21W	4000	21	190	-25...+55°C	-40...+60°C	L80B50>100000h, L90B50>100000h	100 000h / 10%
L05 L60	840HE1 26W	5000	26	191	-25...+50°C	-40...+60°C	L80B50>100000h, L90B50>100000h	100 000h / 10%
L05 L60	840HE1 36W	6650	36	187	-25...+50°C	-40...+60°C	L80B50>100000h, L90B50>100000h	100 000h / 10%
L05 L60	840HE2 45W	8150	45	180	-25...+45°C	-40...+60°C	L80B50>100000h, L90B50=97000h	100 000h / 10%
L05 L60	840HE2 54W	9700	54	179	-25...+45°C	-40...+60°C	L80B50>100000h, L90B50=91000h	100 000h / 10%
L05 L60	840HO1 63W	11200	63	177	-25...+45°C	-40...+55°C	L80B50>100000h, L90B50=87000h	100 000h / 10%
L05 L60	840HO1 73W	12650	73	174	-25...+45°C	-40...+55°C	L80B50>100000h, L90B50=71000h	100 000h / 10%
L05 L60	840HO1 82W	14100	82	172	-25...+45°C	-40...+55°C	L80B50>100000h, L90B50=58000h	100 000h / 10%
L05 L60	840HO2 90W	15450	90	172	-25...+40°C	-40...+50°C	L80B50>100000h, L90B50=55000h	100 000h / 10%
L05 L60	840HO2 99W	16650	99	168	-25...+40°C	-40...+45°C	L80B50>100000h, L90B50=54000h	100 000h / 10%
L05 L60	840HO2 109W	18000	109	165	-25...+35°C	-40...+40°C	L80B50>100000h, L90B50=52000h	100 000h / 10%
L05 L60	840HO3 128W	20550	128	160	-25...+30°C	-40...+40°C	L80B50>100000h, L90B50=43000h	100 000h / 10%

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Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® MODE L	CRI > 80	4000K	L60	2256mm	88mm	85mm	5.5kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
L08 L60	840HE1 43W	8000	43	187	-25...+50°C	-40...+60°C	L80B50>100000h, L90B50>100000h	100 000h / 10%
L08 L60	840HE1 57W	10650	57	187	-25...+50°C	-40...+60°C	L80B50>100000h, L90B50>100000h	100 000h / 10%
L08 L60	840HE1 71W	13050	71	184	-25...+45°C	-40...+60°C	L80B50>100000h, L90B50>100000h	100 000h / 10%
L08 L60	840HE2 85W	15500	85	182	-25...+45°C	-40...+60°C	L80B50>100000h, L90B50=97000h	100 000h / 10%
L08 L60	840HO1 98W	17950	98	183	-25...+45°C	-40...+55°C	L80B50>100000h, L90B50=91000h	100 000h / 10%
L08 L60	840HO2 112W	20200	112	180	-25...+45°C	-40...+55°C	L80B50>100000h, L90B50=87000h	100 000h / 10%
L08 L60	840HO2 127W	22550	127	177	-25...+45°C	-40...+55°C	L80B50>100000h, L90B50=71000h	100 000h / 10%
L08 L60	840HO2 143W	24700	143	173	-25...+40°C	-40...+50°C	L80B50>100000h, L90B50=58000h	100 000h / 10%
L08 L60	840HO3 159W	26650	159	168	-25...+40°C	-40...+45°C	L80B50>100000h, L90B50=55000h	100 000h / 10%
L08 L60	840HO3 169W	27900	169	165	-25...+35°C	-40...+40°C	L80B50>100000h, L90B50=54000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® MODE L	CRI > 80	4000K	L30	1416mm	88mm	85mm	3.4kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
L05 L30	840HE1 21W	4000	21	190	-25...+55°C	-40...+60°C	L80B50>100000h, L90B50>100000h	100 000h / 10%
L05 L30	840HE1 26W	5000	26	191	-25...+50°C	-40...+60°C	L80B50>100000h, L90B50>100000h	100 000h / 10%
L05 L30	840HE1 36W	6650	36	187	-25...+50°C	-40...+60°C	L80B50>100000h, L90B50>100000h	100 000h / 10%
L05 L30	840HE2 45W	8150	45	180	-25...+45°C	-40...+60°C	L80B50>100000h, L90B50=97000h	100 000h / 10%
L05 L30	840HE2 54W	9700	54	179	-25...+45°C	-40...+60°C	L80B50>100000h, L90B50=91000h	100 000h / 10%
L05 L30	840HO1 63W	11200	63	177	-25...+45°C	-40...+55°C	L80B50>100000h, L90B50=87000h	100 000h / 10%
L05 L30	840HO1 73W	12650	73	174	-25...+45°C	-40...+55°C	L80B50>100000h, L90B50=71000h	100 000h / 10%

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L05 L30	840HO1 82W	14100	82	172	-25...+45°C	-40...+55°C	L80B50>100000h, L90B50=58000h	100 000h / 10%
L05 L30	840HO2 90W	15450	90	172	-25...+40°C	-40...+50°C	L80B50>100000h, L90B50=55000h	100 000h / 10%
L05 L30	840HO2 99W	16650	99	168	-25...+40°C	-40...+45°C	L80B50>100000h, L90B50=54000h	100 000h / 10%
L05 L30	840HO2 109W	18000	109	165	-25...+35°C	-40...+40°C	L80B50>100000h, L90B50=52000h	100 000h / 10%
L05 L30	840HO3 128W	20550	128	160	-25...+30°C	-40...+40°C	L80B50>100000h, L90B50=43000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® MODE L	CRI > 80	4000K	L30	2256mm	88mm	85mm	5.5kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
L08 L30	840HE1 43W	8000	43	187	-25...+50°C	-40...+60°C	L80B50>100000h, L90B50>100000h	100 000h / 10%
L08 L30	840HE1 57W	10650	57	187	-25...+50°C	-40...+60°C	L80B50>100000h, L90B50>100000h	100 000h / 10%
L08 L30	840HE1 71W	13050	71	184	-25...+45°C	-40...+60°C	L80B50>100000h, L90B50>100000h	100 000h / 10%
L08 L30	840HE2 85W	15500	85	182	-25...+45°C	-40...+60°C	L80B50>100000h, L90B50=97000h	100 000h / 10%
L08 L30	840HO1 98W	17950	98	183	-25...+45°C	-40...+55°C	L80B50>100000h, L90B50=91000h	100 000h / 10%
L08 L30	840HO2 112W	20200	112	180	-25...+45°C	-40...+55°C	L80B50>100000h, L90B50=87000h	100 000h / 10%
L08 L30	840HO2 127W	22550	127	177	-25...+45°C	-40...+55°C	L80B50>100000h, L90B50=71000h	100 000h / 10%
L08 L30	840HO2 143W	24700	143	173	-25...+40°C	-40...+50°C	L80B50>100000h, L90B50=58000h	100 000h / 10%
L08 L30	840HO3 159W	26650	159	168	-25...+40°C	-40...+45°C	L80B50>100000h, L90B50=55000h	100 000h / 10%
L08 L30	840HO3 169W	27900	169	165	-25...+35°C	-40...+40°C	L80B50>100000h, L90B50=54000h	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%

When designing actual group sizes one need to take into account at least the following: cabling, MCB installation environment and the loading of the MCB. Snep Lighting Oy is not responsible for the actual group sizes.

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