SNEP® MODE P
- Environment prioritised

SNEP® MODE P is a sturdy aluminium-framed IP65-class general light designed for low spaces.

The robust SNEP® MODE P, thanks to its wide light distribution, is a natural choice for lighting in parking garages, production facilities, and warehouses. The high IP65 enclosure class and wide operating temperature and luminous flux range allow installation in a variety of locations. The luminaire is available in three lengths and several connection method 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...+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	Powder coated white (RAL9010) or Anodized grey
Optical cover / Optics	Prismatic PC-cover
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 ▪ 2700-6500K CRI > 80, tunable white, MacAdam 3 SDCM ▪ 2700-6500K CRI > 90, tunable white, MacAdam 3 SDCM
Control	▪ On/Off ▪ DALI ▪ Industrial ON/OFF ▪ Industrial DALI ▪ Configurable motion radar. Default setting 10min 100% lights from motion, 10min 30% after which 0% light. Corridor function possibility. ▪ ActiveAhead IP65 Low 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 control, SN412MC, IP20 ▪ Luminaire integrated DALI-system sensor. IP65 Low Bay PIR and daylight. ▪ DALI Tunable White DT8 ▪ Casambi tunable white control
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 580 mm / 1140 mm/ 1420 mm, B 80 mm, C 85 mm, D=A+85 mm, E=A+85+85mm

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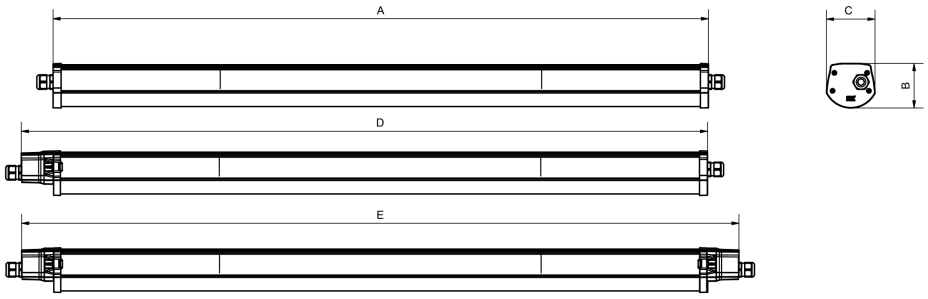
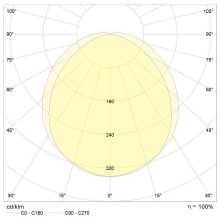


Classifications

Optics

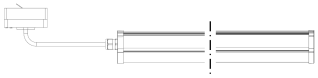


Prismatic optical cover

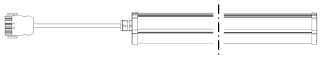
Connections

Connection cable from the luminaire end cap 3x1.5mm²

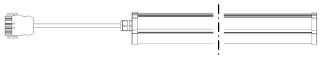
Connection cable from the luminaire end cap 3x1.5mm² with Schuko socket



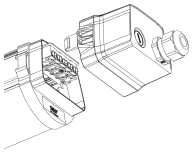
Connection cable from the luminaire end cap 3x1.5mm² with universal 3-phase adapter



Connection cable from the luminaire end cap 5x2.5mm² with Wago Winsta (IP20) male connector



Liitoskaapeli päästä 5x1.5mm² 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.

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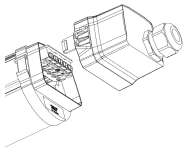
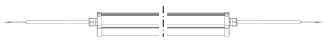


Connection end cap at the end of the luminaire with M25 cable gland, supports max 5x2.5mm2 cable diam 8-17mm. No connection cable included.

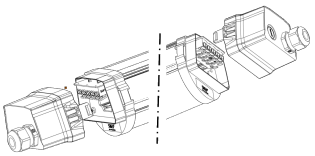


Through cabling with 5x2.5mm² connection cables

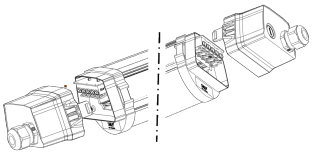
Through cabling with 5x2.5mm² Wago Winsta connection cables. Female cable always 2m long and the male cable length from 1 to 8m.

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

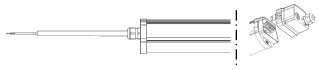
Through cabling from the same end cap with 5x2.5mm² connection cables



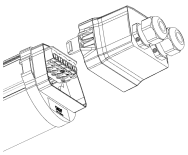
Through cabling through the connection end caps with M20 cable glands, supports max 5x2.5mm2 cable diam 6-13mm. No connection cables included.



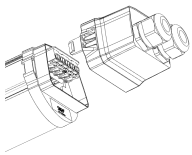
Through cabling through the connection end caps with M25 cable glands, supports max 5x2.5mm2 cable diam 8-17mm. No connection cables included.



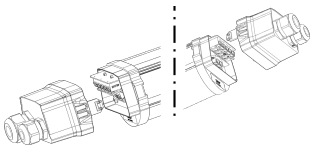
Through cabling with connection end cap on the one end and 5x2.5mm² connection cable at the other of the luminaire.



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 P	CRI > 80	4000K	P0M	580mm	85mm	80mm	1.5kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
P02 P0M	840LE 10W	1500	10	150	-25...+45°C	-40...+55°C	L80B50 = 100 000h	100 000h / 10%
P02 P0M	840LE 14W	1950	14	139	-25...+45°C	-40...+50°C	L80B50 = 100 000h	100 000h / 10%
P02 P0M	840LE 17W	2400	17	141	-25...+40°C	-40...+45°C	L80B50 = 100 000h	100 000h / 10%
P02 P0M	840LE 20W	2800	20	140	-25...+40°C	-40...+45°C	L80B50 = 100 000h	100 000h / 10%
P02 P0M	840LE 23W	3200	23	139	-25...+40°C	-40...+45°C	L80B50 = 100 000h	100 000h / 10%
P02 P0M	840HE 23W	3500	23	152	-25...+40°C	-40...+45°C	L80B50 = 100 000h	100 000h / 10%
P02 P0M	840HE 27W	4200	27	156	-25...+40°C	-40...+40°C	L80B50 = 100 000h	100 000h / 10%
P02 P0M	840HO 34W	5100	34	150	-25...+35°C	-40...+40°C	L80B50 = 100 000h	100 000h / 10%
P02 P0M	840HO 39W	5750	39	147	-25...+35°C	-40...+35°C	L80B50 = 100 000h	100 000h / 10%
P02 P0M	840HO 42W	6200	42	148	-25...+35°C	-40...+35°C	L80B50 = 100 000h	100 000h / 10%
P02 P0M	840HO 46W	6600	46	143	-25...+35°C	-40...+35°C	L80B50 = 100 000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® MODE P	CRI > 80	4000K	P0M	1140mm	85mm	80mm	2.5kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
P04 P0M	840LE 16W	2400	16	150	-25...+45°C	-40...+55°C	L80B50 = 100 000h	100 000h / 10%
P04 P0M	840LE 19W	3000	19	158	-25...+45°C	-40...+55°C	L80B50 = 100 000h	100 000h / 10%
P04 P0M	840LE 25W	3900	25	156	-25...+45°C	-40...+50°C	L80B50 = 100 000h	100 000h / 10%
P04 P0M	840LE 32W	4800	32	150	-25...+40°C	-40...+45°C	L80B50 = 100 000h	100 000h / 10%
P04 P0M	840LE 38W	5650	38	149	-25...+40°C	-40...+45°C	L80B50 = 100 000h	100 000h / 10%
P04 P0M	840LO 45W	6450	45	143	-25...+40°C	-40...+45°C	L80B50 = 100 000h	100 000h / 10%
P04 P0M	840HE 43W	7050	43	164	-25...+40°C	-40...+45°C	L80B50 = 100 000h	100 000h / 10%
P04 P0M	840HE 52W	8400	52	162	-25...+40°C	-40...+40°C	L80B50 = 100 000h	100 000h / 10%
P04 P0M	840HE 65W	10200	65	157	-25...+35°C	-40...+40°C	L80B50 = 100 000h	100 000h / 10%
P04 P0M	840HO1 75W	11500	75	153	-25...+35°C	-40...+35°C	L80B50 = 100 000h	100 000h / 10%
P04 P0M	840HO1 82W	12400	82	151	-25...+35°C	-40...+35°C	L80B50 = 100 000h	100 000h / 10%
P04 P0M	840HO2 88W	13250	88	151	-25...+35°C	-40...+35°C	L80B50 = 100 000h	100 000h / 10%

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Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® MODE P	CRI > 80	4000K	P0M	1420mm	85mm	80mm	3.1kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
P05 P0M	840LE 20W	3100	20	155	-25...+45°C	-40...+55°C	L80B50 = 100 000h	100 000h / 10%
P05 P0M	840LE 24W	3850	24	160	-25...+45°C	-40...+55°C	L80B50 = 100 000h	100 000h / 10%
P05 P0M	840LE 32W	5000	32	156	-25...+45°C	-40...+50°C	L80B50 = 100 000h	100 000h / 10%
P05 P0M	840LE 40W	6150	40	154	-25...+40°C	-40...+45°C	L80B50 = 100 000h	100 000h / 10%
P05 P0M	840LO 49W	7250	49	148	-25...+40°C	-40...+45°C	L80B50 = 100 000h	100 000h / 10%
P05 P0M	840LO 58W	8300	58	143	-25...+40°C	-40...+45°C	L80B50 = 100 000h	100 000h / 10%
P05 P0M	840HE 56W	9050	56	162	-25...+40°C	-40...+45°C	L80B50 = 100 000h	100 000h / 10%
P05 P0M	840HE 67W	10800	67	161	-25...+40°C	-40...+40°C	L80B50 = 100 000h	100 000h / 10%
P05 P0M	840HO 83W	13100	83	158	-25...+35°C	-40...+40°C	L80B50 = 100 000h	100 000h / 10%
P05 P0M	840HO 96W	14800	96	154	-25...+35°C	-40...+35°C	L80B50 = 100 000h	100 000h / 10%
P05 P0M	840HO 105W	15950	105	152	-25...+35°C	-40...+35°C	L80B50 = 100 000h	100 000h / 10%
P05 P0M	840HO 113W	17000	113	150	-25...+35°C	-40...+35°C	L80B50 = 100 000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® MODE P	CRI > 80	2700-6500K	P0M	1420mm	85mm	80mm	3.2kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
P05 P0M	8TWHE 49W	7000	49	143	-25...+40°C	NA	L80B50 = 100 000h	100 000h / 10%
P05 P0M	8TWHE 58W	8300	58	143	-25...+40°C	NA	L80B50 = 100 000h	100 000h / 10%
P05 P0M	8TWHE 68W	9600	68	141	-25...+40°C	NA	L80B50 = 100 000h	100 000h / 10%
P05 P0M	8TWHE 78W	10900	78	140	-25...+35°C	NA	L80B50 = 100 000h	100 000h / 10%
P05 P0M	8TWHO 88W	12150	88	138	-25...+35°C	NA	L80B50 = 100 000h	100 000h / 10%
P05 P0M	8TWHO 98W	13350	98	136	-25...+35°C	NA	L80B50 = 100 000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® MODE P	CRI > 90	2700-6500K	P0M	1420mm	85mm	80mm	3.2kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
P05 P0M	9TWHE 49W	6050	49	123	-25...+35°C	NA	L80B50 = 100 000h	100 000h / 10%
P05 P0M	9TWHE 58W	7200	58	124	-25...+35°C	NA	L80B50 = 100 000h	100 000h / 10%
P05 P0M	9TWHE 68W	8300	68	122	-25...+35°C	NA	L80B50 = 100 000h	100 000h / 10%

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P05 P0M	9TWHE 78W	9400	78	121	-25...+35°C	NA	L80B50 = 100 000h	100 000h / 10%
P05 P0M	9TWHO 88W	10500	88	119	-25...+30°C	NA	L80B50 = 100 000h	100 000h / 10%
P05 P0M	9TWHO 98W	11550	98	118	-25...+30°C	NA	L80B50 = 100 000h	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. Purso Oy is not responsible for the actual group sizes.

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