

# 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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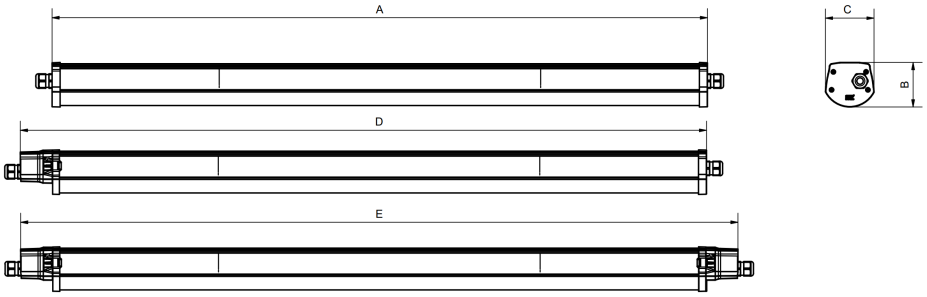
**Snep Lighting Oy** • Alumiinitie 1, FI-37200 Siuro • +358 (0)3 3404 300 • info@sneplighting.com • sneplighting.com
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# Product info

| | |
|---|---|
| IP-class | IP65 / IP20 depending on the configuration |
| Mechanical impact resistance | IK08 / IK07 |
| Protection class | I |
| Ambient temperature | Ta -25...+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<br>• 3000K CRI > 80, MacAdam 3 SDCM<br>• 4000K CRI > 80, MacAdam 3 SDCM<br>• 5000K CRI > 80, MacAdam 3 SDCM<br>• 5000K CRI > 80, MacAdam 3 SDCM<br>• 3000K CRI > 90, MacAdam 3 SDCM<br>• 4000K CRI > 90, MacAdam 3 SDCM<br>• 5000K CRI > 90, MacAdam 3 SDCM<br>• 2700-6500K CRI > 80, tunable white, MacAdam 3 SDCM<br>• 2700-6500K CRI > 90, tunable white, MacAdam 3 SDCM |
| Control | • On/Off<br>• DALI<br>• Industrial ON/OFF<br>• Industrial DALI<br>• Configurable motion radar. Default setting 10min 100% lights from motion, 10min 30% after which 0% light. Corridor function possibility.<br>• ActiveAhead IP65 Low Bay PIR and daylight.<br>• ActiveAhead control. Requires an AA-sensor or switch to the network!<br>• Casambi control<br>• Philips MasterConnect Low Bay PIR and daylight sensor, SNS212MC, IP20<br>• Philips MasterConnect control, SN412MC, IP20<br>• Luminaire integrated DALI-system sensor. IP65 Low Bay PIR and daylight.<br>• DALI Tunable White DT8<br>• 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 |

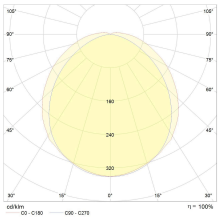
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## Classifications

## Optics



Prismatic optical cover

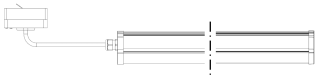
## Connections



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



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



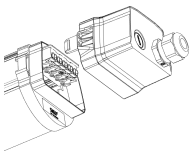
Connection cable from the luminaire end cap 3x1.5mm$^2$ with universal 3-phase adapter



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



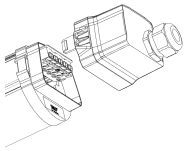
Connection cable from the luminaire end cap 5x1.5mm$^2$ with Wago Winsta (IP20) male connector



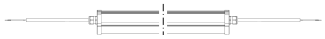
Connection end cap at the end of the luminaire with M20 cable gland,

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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



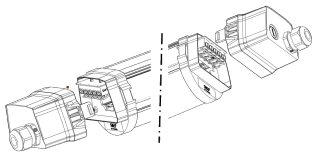
Through cabling with 5x2.5mm$^2$ Wago Winsta connection cables. Female cable always 2m long and the male cable length from 1 to 8m.



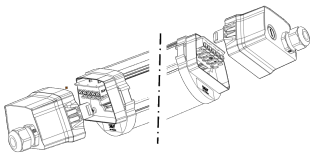
Through cabling with 5x2.5mm$^2$ Wago Winsta connection cables from the same end cap. Female cable always 2m long and the male cable length from 1 to 8m.



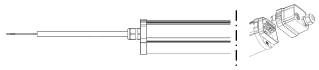
Through cabling from the same end cap with 5x2.5mm$^2$ connection cables



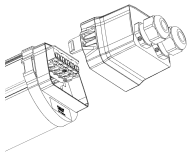
Through cabling through the connection end caps with M20 cable glands, supports max 5x2.5mm2 cable diam 6-13mm. No connection cables included.



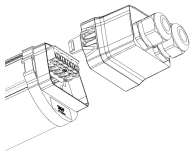
Through cabling through the connection end caps with M25 cable glands, supports max 5x2.5mm2 cable diam 8-17mm. No connection cables included.



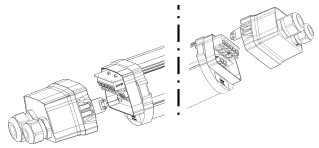
Through cabling with connection end cap on the one end and 5x2.5mm$^2$ connection cable at the other of the luminaire.



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 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% |

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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| P05 P0M | 9TWHE 68W | 8300 | 68 | 122 | -25...+35°C | NA | L80B50 = 100 000h | 100 000h / 10% |
| 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%
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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