SNEP® MODE S
- lifecycle in control

SNEP® MODE S is a sturdy general-purpose luminaire designed for medium-height spaces, with a recycled aluminum frame and an IP65 rating.

The sturdy SNEP® MODE S luminaire is an excellent choice for commercial establishments, industrial spaces, and general lighting in heights ranging from 3 to 10 meters, thanks to its micro-prismatic light distribution. Its high IP65 enclosure rating, combined with a wide range of operating temperatures and light output, allows for installation in various locations. The luminaire comes in three different lengths and offers several connection and mounting options. The product is quick and easy to install.

Purso Oy | Alumiinitie 1, FI-37200 Siuro, Finland | +358 3 3404 111 | snep@purso.fi | purso.fi

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	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 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 control, SN412MC, IP20 ▪ Philips MasterConnect High Bay PIR and daylight sensor, SNH210MC, IP65 ▪ Luminaire integrated DALI-system sensor. IP65 Low Bay PIR and daylight. ▪ Luminaire integrated DALI-system sensor. IP65 High 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 1144 mm / 1423 mm/ 2262 mm, B 80 mm, C 85 mm, D=A+85 mm, E=A+85+85mm

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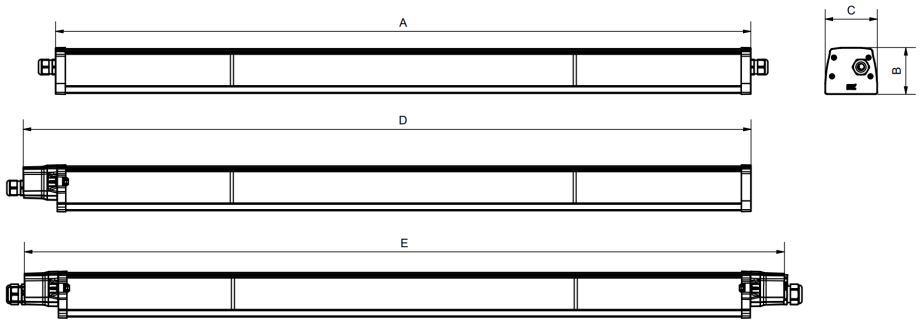
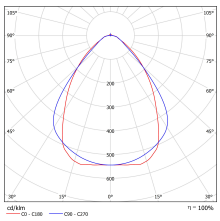
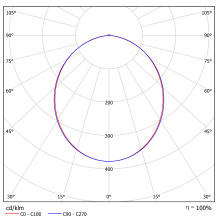


Classifications

Optics



Microprismatic optical cover UGR<19 S04 ≤ 33W, S05 ≤40W, S08 ≤61W. UGR<22 S04 ≤62W, S05 ≤64W, S08 ≤110W.



Diffuse optical cover

Connections

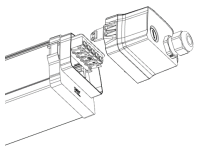
Connection cable from the luminaire end cap 3x1.5mm²

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,

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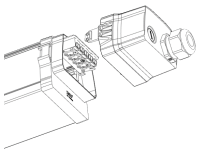
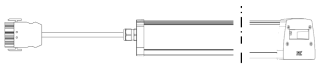
supports max 5x2.5mm2 cable diam 6-13mm. No connection cable included.

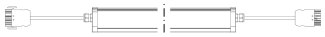


Connection end cap at the end of the luminaire with M25 cable gland, supports max 5x2.5mm2 cable diam 8-17mm. No connection cable included.

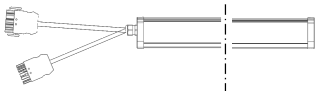
Through cabling with 5x2.5mm² connection cables



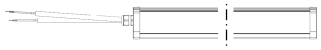
Through cabling with 5x2.5mm² Wago Winsta male connection cable at the other end and integrated female connector at the other end cap of the luminaire.



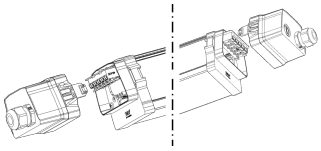
Through cabling with 5x2.5mm² Wago Winsta connection cables. Female cable always 2m long and the male cable length from 1 to 8m.



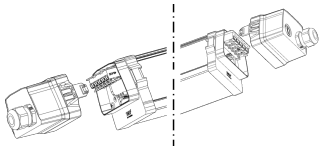
Through cabling with 5x2.5mm² Wago Winsta connection cables from the same end cap. Female cable always 2m long and the male cable length from 1 to 8m.



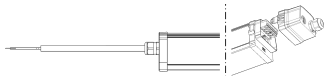
Through cabling from the same end cap with 5x2.5mm² connection cables



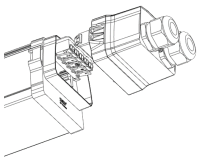
Through cabling through the connection end caps with M20 cable glands, supports max 5x2.5mm2 cable diam 6-13mm. No connection cables included.



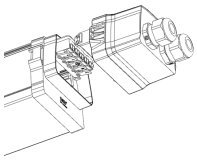
Through cabling through the connection end caps with M25 cable glands, supports max 5x2.5mm2 cable diam 8-17mm. No connection cables included.



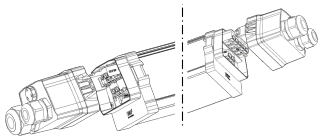
Through cabling with connection end cap on the one end and 5x2.5mm² connection cable at the other of the luminaire.



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 S	CRI > 80	4000K	M1	1144mm	86mm	77mm	2.6kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
S04 M1	840LE 15W	2350	15	157	-25...+50°C	-40...+65°C	L80B50>100000h, L90B50>100000h	100 000h / 10%
S04 M1	840LE 21W	3100	21	148	-25...+50°C	-40...+65°C	L80B50>100000h, L90B50>100000h	100 000h / 10%
S04 M1	840LE 27W	4000	27	148	-25...+50°C	-40...+65°C	L80B50>100000h, L90B50=92000h	100 000h / 10%
S04 M1	840LE 33W	4850	33	147	-25...+50°C	-40...+60°C	L80B50>100000h, L90B50=84000h	100 000h / 10%
S04 M1	840LE 39W	5750	39	147	-25...+45°C	-40...+55°C	L80B50>100000h, L90B50=76000h	100 000h / 10%
S04 M1	840LO 45W	6400	45	142	-25...+45°C	-40...+55°C	L80B50>100000h, L90B50=66000h	100 000h / 10%
S04 M1	840HE1 26W	4100	26	158	-25...+50°C	-40...+65°C	L80B50>100000h, L90B50=96000h	100 000h / 10%
S04 M1	840HE1 32W	5050	32	158	-25...+40°C	-40...+60°C	L80B50>100000h, L90B50=91000h	100 000h / 10%
S04 M1	840HE1 38W	6050	38	159	-25...+40°C	-40...+60°C	L80B50>100000h, L90B50=86000h	100 000h / 10%
S04 M1	840HE2 46W	7100	46	154	-25...+40°C	-40...+55°C	L80B50>100000h, L90B50=81000h	100 000h / 10%
S04 M1	840HE2 53W	8050	53	152	-25...+35°C	-40...+55°C	L80B50>100000h, L90B50=76000h	100 000h / 10%
S04 M1	840HE2 62W	9300	62	150	-25...+35°C	-40...+50°C	L80B50>100000h, L90B50=69000h	100 000h / 10%
S04 M1	840HO1 71W	10550	71	149	-25...+35°C	-40...+45°C	L80B50>100000h, L90B50=62000h	100 000h / 10%
S04 M1	840HO1 81W	11850	81	146	-25...+30°C	-40...+40°C	L80B50>100000h, L90B50=55000h	100 000h / 10%
S04 M1	840HO2 88W	12650	88	144	-25...+30°C	-40...+35°C	L80B50>100000h, L90B50=49000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® MODE S	CRI > 80	4000K	M1	1423mm	86mm	77mm	3.2kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
S05 M1	840LE 20W	3000	20	150	-25...+50°C	-40...+65°C	L80B50>100000h, L90B50>100000h	100 000h / 10%
S05 M1	840LE 26W	3950	26	152	-25...+50°C	-40...+65°C	L80B50>100000h, L90B50>100000h	100 000h / 10%

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S05 M1	840LE 32W	4900	32	153	-25...+50°C	-40...+65°C	L80B50>100000h, L90B50=92000h	100 000h / 10%
S05 M1	840LE 40W	6050	40	151	-25...+50°C	-40...+60°C	L80B50>100000h, L90B50=84000h	100 000h / 10%
S05 M1	840LO 48W	7150	48	149	-25...+45°C	-40...+55°C	L80B50>100000h, L90B50=76000h	100 000h / 10%
S05 M1	840LO 57W	8200	57	144	-25...+45°C	-40...+55°C	L80B50>100000h, L90B50=66000h	100 000h / 10%
S05 M1	840HE 49W	7850	49	160	-25...+50°C	-40...+65°C	L80B50>100000h, L90B50=96000h	100 000h / 10%
S05 M1	840HE 57W	9000	57	158	-25...+40°C	-40...+60°C	L80B50>100000h, L90B50=91000h	100 000h / 10%
S05 M1	840HE 64W	9900	64	155	-25...+40°C	-40...+60°C	L80B50>100000h, L90B50=86000h	100 000h / 10%
S05 M1	840HO 72W	11050	72	153	-25...+40°C	-40...+55°C	L80B50>100000h, L90B50=81000h	100 000h / 10%
S05 M1	840HO 79W	11950	79	151	-25...+35°C	-40...+55°C	L80B50>100000h, L90B50=76000h	100 000h / 10%
S05 M1	840HO 87W	13050	87	150	-25...+35°C	-40...+50°C	L80B50>100000h, L90B50=69000h	100 000h / 10%
S05 M1	840HO 95W	14150	95	149	-25...+35°C	-40...+45°C	L80B50>100000h, L90B50=62000h	100 000h / 10%
S05 M1	840HO 104W	15200	104	146	-25...+30°C	-40...+40°C	L80B50>100000h, L90B50=55000h	100 000h / 10%
S05 M1	840HO 112W	16300	112	146	-25...+30°C	-40...+35°C	L80B50>100000h, L90B50=49000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® MODE S	CRI > 80	4000K	M1	2262mm	86mm	77mm	5.2kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
S08 M1	840LE 29W	4700	29	162	-25...+50°C	-40...+65°C	L80B50>100000h, L90B50>100000h	100 000h / 10%
S08 M1	840LE 39W	6150	39	158	-25...+50°C	-40...+65°C	L80B50>100000h, L90B50>100000h	100 000h / 10%
S08 M1	840LO1 49W	7600	49	155	-25...+50°C	-40...+65°C	L80B50>100000h, L90B50=92000h	100 000h / 10%
S08 M1	840LO1 61W	9400	61	154	-25...+50°C	-40...+60°C	L80B50>100000h, L90B50=84000h	100 000h / 10%
S08 M1	840LO1 74W	11100	74	150	-25...+45°C	-40...+55°C	L80B50>100000h, L90B50=76000h	100 000h / 10%
S08 M1	840LO2 88W	12750	88	145	-25...+45°C	-40...+55°C	L80B50>100000h, L90B50=66000h	100 000h / 10%
S08 M1	840HE1 76W	12250	76	161	-25...+50°C	-40...+65°C	L80B50>100000h, L90B50=96000h	100 000h / 10%
S08 M1	840HE2 88W	14000	88	159	-25...+40°C	-40...+60°C	L80B50>100000h, L90B50=91000h	100 000h / 10%

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S08 M1	840HE2 98W	15450	98	158	-25...+40°C	-40...+60°C	L80B50>100000h, L90B50=86000h	100 000h / 10%
S08 M1	840HE2 110W	17000	110	155	-25...+40°C	-40...+55°C	L80B50>100000h, L90B50=81000h	100 000h / 10%
S08 M1	840HO1 121W	18600	121	154	-25...+35°C	-40...+55°C	L80B50>100000h, L90B50=76000h	100 000h / 10%
S08 M1	840HO1 131W	19950	131	152	-25...+35°C	-40...+50°C	L80B50>100000h, L90B50=69000h	100 000h / 10%
S08 M1	840HO1 141W	21300	141	151	-25...+35°C	-40...+45°C	L80B50>100000h, L90B50=62000h	100 000h / 10%
S08 M1	840HO2 157W	23000	157	146	-25...+30°C	-40...+40°C	L80B50>100000h, L90B50=55000h	100 000h / 10%
S08 M1	840HO2 170W	24650	170	145	-25...+30°C	-40...+35°C	L80B50>100000h, L90B50=49000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® MODE S	CRI > 80	4000K	S1	1144mm	86mm	77mm	2.6kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
S04 S1	840LE 15W	2350	15	157	-25...+50°C	-40...+65°C	L80B50>100000h, L90B50>100000h	100 000h / 10%
S04 S1	840LE 21W	3150	21	150	-25...+50°C	-40...+65°C	L80B50>100000h, L90B50>100000h	100 000h / 10%
S04 S1	840LE 27W	4050	27	150	-25...+50°C	-40...+65°C	L80B50>100000h, L90B50=92000h	100 000h / 10%
S04 S1	840LE 33W	4950	33	150	-25...+50°C	-40...+60°C	L80B50>100000h, L90B50=84000h	100 000h / 10%
S04 S1	840LE 39W	5800	39	149	-25...+45°C	-40...+55°C	L80B50>100000h, L90B50=76000h	100 000h / 10%
S04 S1	840LO 45W	6450	45	143	-25...+45°C	-40...+55°C	L80B50>100000h, L90B50=66000h	100 000h / 10%
S04 S1	840HE1 26W	4150	26	160	-25...+50°C	-40...+65°C	L80B50>100000h, L90B50=96000h	100 000h / 10%
S04 S1	840HE1 32W	5100	32	159	-25...+40°C	-40...+60°C	L80B50>100000h, L90B50=91000h	100 000h / 10%
S04 S1	840HE1 38W	6100	38	161	-25...+40°C	-40...+60°C	L80B50>100000h, L90B50=86000h	100 000h / 10%
S04 S1	840HE2 46W	7200	46	157	-25...+40°C	-40...+55°C	L80B50>100000h, L90B50=81000h	100 000h / 10%
S04 S1	840HE2 53W	8200	53	155	-25...+35°C	-40...+55°C	L80B50>100000h, L90B50=76000h	100 000h / 10%
S04 S1	840HE2 62W	9400	62	152	-25...+35°C	-40...+50°C	L80B50>100000h, L90B50=69000h	100 000h / 10%
S04 S1	840HO1 71W	10700	71	151	-25...+35°C	-40...+45°C	L80B50>100000h, L90B50=62000h	100 000h / 10%
S04 S1	840HO1 81W	12000	81	148	-25...+30°C	-40...+40°C	L80B50>100000h, L90B50=55000h	100 000h / 10%

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S04 S1	840HO2 88W	12850	88	146	-25...+30°C	-40...+35°C	L80B50>100000h, L90B50=49000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® MODE S	CRI > 80	4000K	S1	1423mm	86mm	77mm	3.2kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
S05 S1	840LE 20W	3050	20	153	-25...+50°C	-40...+65°C	L80B50>100000h, L90B50>100000h	100 000h / 10%
S05 S1	840LE 26W	4000	26	154	-25...+50°C	-40...+65°C	L80B50>100000h, L90B50>100000h	100 000h / 10%
S05 S1	840LE 32W	4950	32	155	-25...+50°C	-40...+65°C	L80B50>100000h, L90B50=92000h	100 000h / 10%
S05 S1	840LE 40W	6100	40	153	-25...+50°C	-40...+60°C	L80B50>100000h, L90B50=84000h	100 000h / 10%
S05 S1	840LO 48W	7250	48	151	-25...+45°C	-40...+55°C	L80B50>100000h, L90B50=76000h	100 000h / 10%
S05 S1	840LO 57W	8300	57	146	-25...+45°C	-40...+55°C	L80B50>100000h, L90B50=66000h	100 000h / 10%
S05 S1	840HE 49W	7950	49	162	-25...+50°C	-40...+65°C	L80B50>100000h, L90B50=96000h	100 000h / 10%
S05 S1	840HE 57W	9150	57	161	-25...+40°C	-40...+60°C	L80B50>100000h, L90B50=91000h	100 000h / 10%
S05 S1	840HE 64W	10050	64	157	-25...+40°C	-40...+60°C	L80B50>100000h, L90B50=86000h	100 000h / 10%
S05 S1	840HO 72W	11200	72	156	-25...+40°C	-40...+55°C	L80B50>100000h, L90B50=81000h	100 000h / 10%
S05 S1	840HO 79W	12100	79	153	-25...+35°C	-40...+55°C	L80B50>100000h, L90B50=76000h	100 000h / 10%
S05 S1	840HO 87W	13200	87	152	-25...+35°C	-40...+50°C	L80B50>100000h, L90B50=69000h	100 000h / 10%
S05 S1	840HO 95W	14350	95	151	-25...+35°C	-40...+45°C	L80B50>100000h, L90B50=62000h	100 000h / 10%
S05 S1	840HO 104W	15400	104	148	-25...+30°C	-40...+40°C	L80B50>100000h, L90B50=55000h	100 000h / 10%
S05 S1	840HO 112W	16500	112	147	-25...+30°C	-40...+35°C	L80B50>100000h, L90B50=49000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® MODE S	CRI > 80	4000K	S1	2262mm	86mm	77mm	5.2kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
S08 S1	840LE 29W	4750	29	164	-25...+50°C	-40...+65°C	L80B50>100000h, L90B50>100000h	100 000h / 10%
S08 S1	840LE 39W	6250	39	160	-25...+50°C	-40...+65°C	L80B50>100000h, L90B50>100000h	100 000h / 10%

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S08 S1	840LO1 49W	7700	49	157	-25...+50°C	-40...+65°C	L80B50>100000h, L90B50=92000h	100 000h / 10%
S08 S1	840LO1 61W	9500	61	156	-25...+50°C	-40...+60°C	L80B50>100000h, L90B50=84000h	100 000h / 10%
S08 S1	840LO1 74W	11250	74	152	-25...+45°C	-40...+55°C	L80B50>100000h, L90B50=76000h	100 000h / 10%
S08 S1	840LO2 88W	12950	88	147	-25...+45°C	-40...+55°C	L80B50>100000h, L90B50=66000h	100 000h / 10%
S08 S1	840HE1 76W	12400	76	163	-25...+50°C	-40...+65°C	L80B50>100000h, L90B50=96000h	100 000h / 10%
S08 S1	840HE2 88W	14200	88	161	-25...+40°C	-40...+60°C	L80B50>100000h, L90B50=91000h	100 000h / 10%
S08 S1	840HE2 98W	15650	98	160	-25...+40°C	-40...+60°C	L80B50>100000h, L90B50=86000h	100 000h / 10%
S08 S1	840HE2 110W	17250	110	157	-25...+40°C	-40...+55°C	L80B50>100000h, L90B50=81000h	100 000h / 10%
S08 S1	840HO1 121W	18850	121	156	-25...+35°C	-40...+55°C	L80B50>100000h, L90B50=76000h	100 000h / 10%
S08 S1	840HO1 131W	20200	131	154	-25...+35°C	-40...+50°C	L80B50>100000h, L90B50=69000h	100 000h / 10%
S08 S1	840HO1 141W	21600	141	153	-25...+35°C	-40...+45°C	L80B50>100000h, L90B50=62000h	100 000h / 10%
S08 S1	840HO2 157W	23300	157	148	-25...+30°C	-40...+40°C	L80B50>100000h, L90B50=55000h	100 000h / 10%
S08 S1	840HO2 170W	25000	170	147	-25...+30°C	-40...+35°C	L80B50>100000h, L90B50=49000h	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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