

SNEP® MODE X
- The heavyweight series of lighting solutions for industry

SNEP® Mode X is a light for demanding heavy industry conditions, such as sawmill, paper and process industry spaces, maintenance and service halls, and car wash lines.

SNEP® Mode X for demanding environments has been developed for harsh conditions in collaboration with sawmill, paper, and process industry customers. It effortlessly illuminates industrial halls, car wash lines, terminals, tunnels, and canopies. The luminaire, which meets top-class mechanical requirements, is designed especially for wet, dirty, cold, and warm spaces. The core inside the luminaire is protected by a sturdy machined aluminum shell, safety glass glued to the frame, die casted end caps, and high-quality silicone seals. Thus the luminaire structure provides first-class impact resistance, heat management, and protection from mechanical stress, dust, water, and solvents.

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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

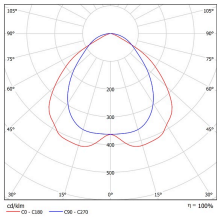
IP-class	IP67
Mechanical impact resistance	IK09
Protection class	I
Ambient temperature	Ta -25...+50°C- +30°C / -40...+60°C- +30°C depending on the power and electronic control gear versions
Voltage	200-240 Vac
Power Factor	>0.95
Frequency	0/50/60 Hz
Frame Structure	Fram powder coated recycled Purso Greenline aluminium profile, powder coated aluminium die casted end caps, cable clamps either brass or stainless steel. Acid-proof end cap screws, sealants high quality silicone.
Colour	Powder coated dark grey RAL 7016
Optical cover / Optics	Tempered glass and PMMA-lense optics.
CRI / CCT	• 3000K CRI > 80 • 4000K CRI > 80 • 5000K CRI > 80 • 3000K CRI > 80 • 4000K CRI > 80 • 5000K CRI > 80
Electronics	• On/Off • DALI • Industrial ON/OFF • Industrial DALI
Installation method	With MODE-brackets
Lumen maintenance	L80B50 100 000h
Failure rate	100 000h / 10 %
Warranty	5-years.
Length	A 1170/1730 mm, B 40 mm, C 79 mm, D 69 mm



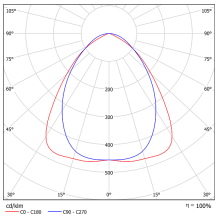
Classifications

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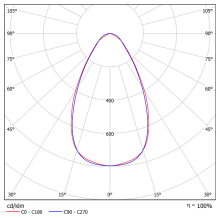
Optics



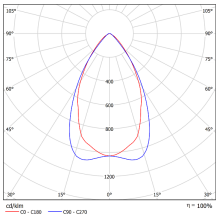
Extra wide 110° lens (W110)



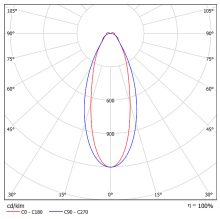
Wide 90° lens (W90)



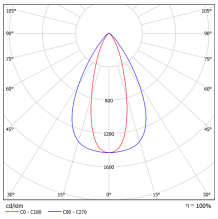
Mid-wide 60° lens (W60)



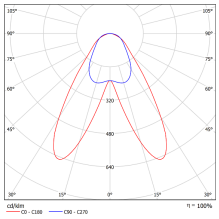
Mid-Wide 60°
UGR<19 lens (UGR6)



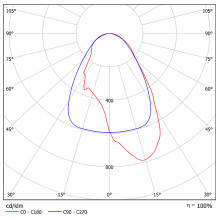
Narrow 30° lens (N30)



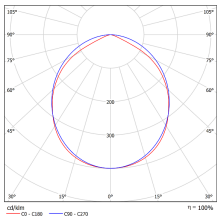
High rack lens for
high installations (HR)



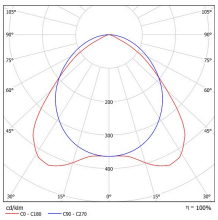
Retail double
asymmetric lens (A2)



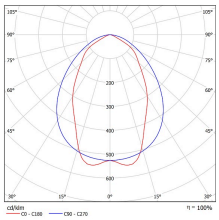
Asymmetric lens (A1)



Opal lens (S1)



High light output tunnel
wide 90° lens (T90)



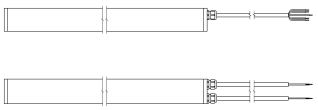
High light output tunnel
mid-wide 60° lens (T60)

High light output tunnel
narrow 30° lens (T30)

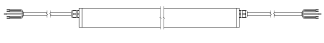
Connections



Connection cable from
one end 3x1.5mm2



Through-wiring at the
same end 5x2,5mm^2

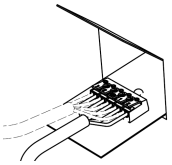


Through-wiring 5x2,5mm^2
with connection cables

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Connection cable from the end
3x1.5mm^2 with Schuko plug connector



Chanable with terminal block,
max. 5x2,5mm^2, no cable

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Luminaires

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® MODE X	CRI > 80	4000K	W90	1170mm	79mm	69mm	4,5kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
X04 W90	840HE 23W	3550	23	154	-25...+50°C	-40...+60°C	L80B50 > 100 000h	100 000h / 10%
X04 W90	840HE 26W	3950	26	152	-25...+50°C	-40...+60°C	L80B50 > 100 000h	100 000h / 10%
X04 W90	840HE 29W	4350	29	150	-25...+50°C	-40...+60°C	L80B50 > 100 000h	100 000h / 10%
X04 W90	840HE 32W	4800	32	150	-25...+50°C	-40...+60°C	L80B50 > 100 000h	100 000h / 10%
X04 W90	840HE 35W	5200	35	149	-25...+50°C	-40...+60°C	L80B50 > 100 000h	100 000h / 10%
X04 W90	840HO 38W	5550	38	146	-25...+45°C	-40...+50°C	L80B50 > 100 000h	100 000h / 10%
X04 W90	840HO 40W	5900	40	148	-25...+45°C	-40...+50°C	L80B50 > 100 000h	100 000h / 10%
X04 W90	840HO 45W	6600	45	147	-25...+45°C	-40...+50°C	L80B50 > 100 000h	100 000h / 10%
X04 W90	840HO 50W	7250	50	145	-25...+45°C	-40...+50°C	L80B50 > 100 000h	100 000h / 10%
X04 W90	840HO 55W	7900	55	144	-25...+45°C	-40...+50°C	L80B50 > 100 000h	100 000h / 10%
X04 W90	840HO 60W	8500	60	142	-25...+45°C	-40...+50°C	L80B50 > 100 000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® MODE X	CRI > 80	4000K	W90	1730mm	79mm	69mm	6,4kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
X06 W90	840HE 33W	5300	33	161	-25...+50°C	-40...+60°C	L80B50 > 100 000h	100 000h / 10%
X06 W90	840HE 37W	5900	37	159	-25...+50°C	-40...+60°C	L80B50 > 100 000h	100 000h / 10%
X06 W90	840HE 42W	6600	42	157	-25...+50°C	-40...+60°C	L80B50 > 100 000h	100 000h / 10%
X06 W90	840HE 47W	7250	47	154	-25...+50°C	-40...+60°C	L80B50 > 100 000h	100 000h / 10%
X06 W90	840HE 52W	7850	52	151	-25...+50°C	-40...+60°C	L80B50 > 100 000h	100 000h / 10%
X06 W90	840HO 55W	8350	55	152	-25...+45°C	-40...+50°C	L80B50 > 100 000h	100 000h / 10%
X06 W90	840HO 59W	8900	59	151	-25...+45°C	-40...+50°C	L80B50 > 100 000h	100 000h / 10%
X06 W90	840HO 67W	9850	67	147	-25...+45°C	-40...+50°C	L80B50 > 100 000h	100 000h / 10%
X06 W90	840HO 74W	10850	74	147	-25...+45°C	-40...+50°C	L80B50 > 100 000h	100 000h / 10%
X06 W90	840HO 82W	11800	82	144	-25...+45°C	-40...+50°C	L80B50 > 100 000h	100 000h / 10%
X06 W90	840HO 89W	12800	89	144	-25...+45°C	-40...+50°C	L80B50 > 100 000h	100 000h / 10%

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Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® MODE X	CRI > 80	4000K	T90	1170mm	79mm	69mm	4,6kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
X04 T90	840XO 67W	10250	67	153	-25...+40°C	-40...+40°C	L80B50 > 100 000h	100 000h / 10%
X04 T90	840XO 78W	11700	78	150	-25...+35°C	-40...+35°C	L80B50 > 100 000h	100 000h / 10%
X04 T90	840XO 89W	13100	89	147	-25...+35°C	-40...+35°C	L80B50 > 100 000h	100 000h / 10%
X04 T90	840XO 100W	14450	100	145	-25...+30°C	-40...+30°C	L80B50 > 100 000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® MODE X	CRI > 80	4000K	T90	1730mm	79mm	69mm	6,4kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
X06 T90	840XO 101W	15400	101	152	-25...+40°C	-40...+40°C	L80B50 > 100 000h	100 000h / 10%
X06 T90	840XO 117W	17600	117	150	-25...+35°C	-40...+35°C	L80B50 > 100 000h	100 000h / 10%
X06 T90	840XO 134W	19700	134	147	-25...+35°C	-40...+35°C	L80B50 > 100 000h	100 000h / 10%
X06 T90	840XO 151W	21700	151	144	-25...+30°C	-40...+30°C	L80B50 > 100 000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® MODE X	CRI > 80	4000K	T90	1170mm	79mm	69mm	4,6kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
X04 T90	840XT 45W	7300	45	162	NA	-40...+60°C	L80B50 > 100 000h	100 000h / 10%
X04 T90	840XT 50W	8000	50	160	NA	-40...+60°C	L80B50 > 100 000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® MODE X	CRI > 80	4000K	T90	1730mm	79mm	69mm	6,4kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
X06 T90	840XT 66W	10950	66	166	NA	-40...+60°C	L80B50 > 100 000h	100 000h / 10%
X06 T90	840XT 73W	12000	73	164	NA	-40...+60°C	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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