

SNEP® MODE CT
- Aim higher

SNEP® Mode CT. Much is required of industrial lighting: despite the challenging conditions, there must be enough light, as this is the only way to prevent accidents at work and improve work efficiency.

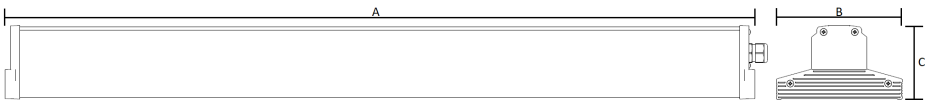
SNEP® Mode CT luminaire is a high-power luminaire for demanding environments, with applications including industrial spaces, high logistics, hall and warehouse spaces, ice rinks, and indoor sports facilities. The Mode-product family allows for a uniform lighting solution from one space to another. Mode CT meets the requirements of the J1 lighting class for ice rinks. It provides functional lighting up to installation heights of over 20 m. The luminaire can be installed versatilely with Mode-mounting solutions. In addition, a chainable connection option to the luminaire's terminal block has been implemented in the luminaire. Mode CT is available in two length versions.

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Product info

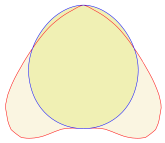
IP-class	IP65
Mechanical impact resistance	IK09
Protection class	I
Ambient temperature	Ta -25...+55°C- +35°C / -40...+60°C- +35°C depending on the power and electronic control gear versions
Voltage	200-240 Vac
Power Factor	>0.95
Frequency	0/50/60 Hz
Frame Structure	Frame recycled Purso Greenline aluminium profle, end caps of ABS plastic.
Colour	Powder coated white RAL 9010
Optical cover / Optics	Tempered glass / Injection molded PMMA-lense optics
CRI / CCT	• 3000K, CRI > 80 • 4000K, CRI > 80. • 5000K, CRI > 80
Electronics	• One on/off-driver • One DALI-driver • One Industrial on/off-driver • One Industrial DALI-driver • Philips MasterConnect High Bay PIR ja päivänvalo, SNH210MC, IP65
Installation method	With Mode brackets.
Lumen maintenance	L80B50 100 000h
Failure rate	100 000h / 10 %
Warranty	5-years.
Length	A 615 mm / 1180 mm, B 195 mm, C 115 mm



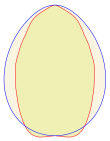
Classifications

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Optics



High light output tunnel
wide 90° lense (T90)



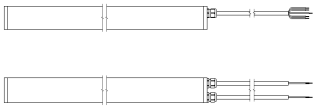
High light output tunnel
mid wide 60° lense (T60)

High light output tunnel
narrow 30° lense (T30)

Connections



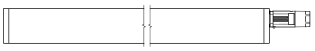
Connection cable from
one end; 3x1.5mm2



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



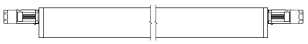
Through-wiring 5x2,5mm^2
with connection cables



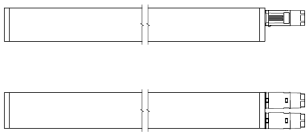
Phoenix IPD quick connector at
the end, max. 5x2.5mm2, no cable



Through-wiring 5x2.5mm2 connection
cable at one end, Phoenix IPD
quick connector at the other end



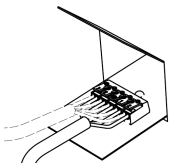
Through-wiring 5x2,5mm^2, Phoenix
IPD connectors at both ends, no cable



Through-wiring 5x2,5mm^2, Phoenix IPD
connectors at the same end, no cable

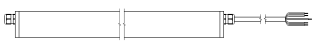


Connection cable from one
end; 3x1.5mm2 VSN with
Schuko plug connector



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

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Through-wiring connection cable at one end and terminal block at the other end

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Luminaires

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® MODE CT	CRI > 80	4000K	T90	615mm	195mm	115mm	5.9kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
CT02 T90	840XE 81W	12950	81	160	-25...+55°C	-40...+55°C	L80B50 > 100 000h	100 000h / 10%
CT02 T90	840XE 97W	15150	97	156	-25...+50°C	-40...+50°C	L80B50 > 100 000h	100 000h / 10%
CT02 T90	840XO 112W	17250	112	154	-25...+45°C	-40...+45°C	L80B50 > 100 000h	100 000h / 10%
CT02 T90	840XO 128W	19350	128	151	-25...+40°C	-40...+40°C	L80B50 > 100 000h	100 000h / 10%
CT02 T90	840XO 144W	21350	144	148	-25...+35°C	-40...+35°C	L80B50 > 100 000h	100 000h / 10%
CT02 T90	840XP 157W	22650	157	144	-25...+30°C	-40...+30°C	L80B50 > 100 000h	>50000h

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® MODE CT	CRI > 80	4000K	T90	1180mm	195mm	115mm	10.5kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
CT04 T90	840HE 107W	17250	107	161	-25...+55°C	-40...+55°C	L80B50 > 100 000h	100 000h / 10%
CT04 T90	840HE 128W	20200	128	158	-25...+55°C	-40...+55°C	L80B50 > 100 000h	100 000h / 10%
CT04 T90	840HE 146W	22650	146	155	-25...+50°C	-40...+50°C	L80B50 > 100 000h	100 000h / 10%
CT04 T90	840HE1 157W	23650	157	151	-25...+40°C	-40...+40°C	L80B50 > 100 000h	100 000h / 10%
CT04 T90	840HE1 165W	24800	165	150	-25...+40°C	-40...+40°C	L80B50 > 100 000h	100 000h / 10%
CT04 T90	840HP 218W	32200	218	148	-25...+35°C	-40...+35°C	L80B50 > 100 000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® MODE CT	CRI > 80	4000K	T90	1180mm	195mm	115mm	10.3kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
CT04 T90	840HO 175W	25800	175	147	-25...+45°C	-40...+45°C	L80B50 > 100 000h	100 000h / 10%
CT04 T90	840HO 196W	28500	196	145	-25...+45°C	-40...+45°C	L80B50 > 100 000h	100 000h / 10%
CT04 T90	840XO 163W	25850	163	159	-25...+55°C	-40...+55°C	L80B50 > 100 000h	100 000h / 10%
CT04 T90	840XO 195W	30250	195	155	-25...+50°C	-40...+50°C	L80B50 > 100 000h	100 000h / 10%
CT04 T90	840XO 224W	34550	224	154	-25...+45°C	-40...+45°C	L80B50 > 100 000h	100 000h / 10%
CT04 T90	840XO 257W	38700	257	151	-25...+40°C	-40...+40°C	L80B50 > 100 000h	100 000h / 10%

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CT04 T90	840XO 289W	42750	289	148	-25...+35°C	-40...+35°C	L80B50 > 100 000h	100 000h / 10%
CT04 T90	840XO2 314W	45300	314	144	-25...+30°C	-40...+30°C	L80B50 > 100 000h	>50000h

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® MODE CT	CRI > 80	4000K	T90	615mm	195mm	115mm	5.9kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
CT02 T90	840XT 66W	10100	66	153	NA	-40...+60°C	L80B50 > 100 000h	100 000h / 10%
CT02 T90	840XT 77W	11700	77	152	NA	-40...+60°C	L80B50 > 100 000h	100 000h / 10%

Luminaires	CRI	CCT	Optics	Length	Width	Height	Weight
SNEP® MODE CT	CRI > 80	4000K	T90	1180mm	195mm	115mm	10.7kg

Nimike	Technical name	lm**	W**	lm/W**	Ta	Taind	Lifetime	Failure rate
CT04 T90	840XT 155W	24700	155	159	NA	-40...+60°C	L80B50 > 100 000h	100 000h / 10%
CT04 T90	840XT 132W	21300	132	161	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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