

SNEP® Mode CR

– Modern looks with continuous lighting

SNEP® Mode CR is a continuous lighting strip that is easily integrated to freshen and unify the appearance of a site. SNEP® Mode CR can be installed in surfaces, in recessed manner or using hanging wires. Applications include shopping centers, public spaces, hospitals, store facilities, and corridors.

SNEP® Mode CR can be used to flexibly provide just the right amount of light for a site. The low-framed luminaire is stylish in decorative lighting and provides a high light output in demanding conditions and in confined suspended ceilings. DALI-dimmable and on-off options are available for the luminaire. Luminous fluxes can be flexibly decided to bring the right amount of light for the project. SNEP® Mode CR works stylishly in decorative lighting or offers high light output in demanding environments. Ten different light distributions cover every lighting need.

Low housing and flexibility

SNEP® Mode CR is the solution for the tightest places. The low housing is suitable for buildings with confined suspended ceilings full of technology. The SNEP® Mode CORE enables flexible and updatable lighting supported by its modern cabling solution. If the purpose of the site changes or the lighting requirements vary, the core can be updated to meet the new demand quickly and cost effectively. Electrical connections can also be flexibly modified, and it is possible to use fast and easy plug connectors.

Degree of protection
IP20

Protection class
I

Mechanical durability (IK-class)
IK06

Operating temperature (Ta)
Ta 0...+40°C

Frame structure
Frame aluminium profile, end caps steel plate

Core structure
Aluminium profile

Optics
Injection molded PMMA/PC –lense optics,
PC-cover (opal & microprismatic)

Correlated colour temperature
3000K, 4000K

Color
White RAL 9010 or matt black RAL 9005
Available in other colors upon request

Mounting
Recessed, surface mount or hanged by wires

Voltage
200-240 Vac

Freq
0/50/60 Hz

Control
On / Off, DALI

Light source
LED

Electrical connections

- From top or through end cap
- Connection point can be located also in the middle of light line
- Frame modules are equipped with cabling solution:
5x2.5mm² (3-phase) or
5x2.5mm² + 4x1.5mm² (3-phase + DALI)

Con- nector	5x2,5mm ²	5x2,5mm ² + 4x1,5mm ²
N	N	N
PE	PE	PE
1	L1	L1
2	L2	L2
3	L3	L3
6		(Option)
7		(Option)
9		DA+
11		DA-

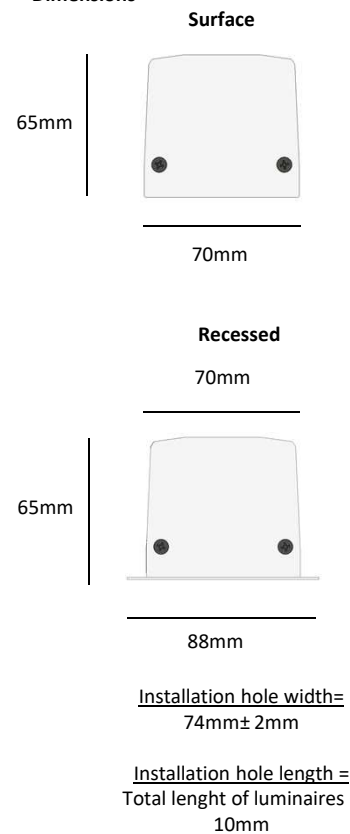
- LED-Module coupling phase can be selected during installation
- Frame modules and the cabling solution support tool free installations

Power factor
> 0,95

Lightsource lifetime
@Ta=25°C
L80B50 100 000h

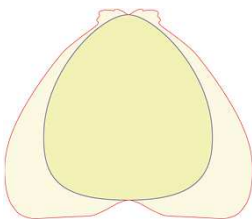
Failure rate (driver)
100 000h / 10%

Dimensions

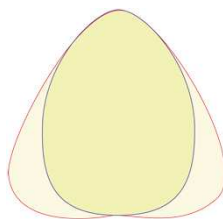


Light Distributions

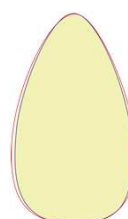
Extrawide (W110)



Wide (W90)



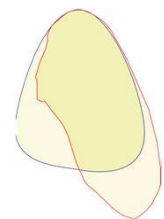
Mid-width (W60)



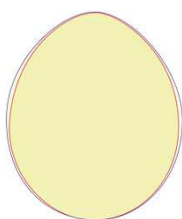
Narrow (N30)



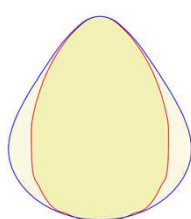
Asym. (A1)



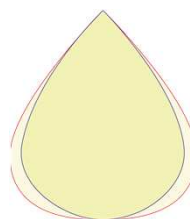
Opal (S2)



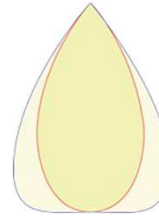
Micropris. (M1)



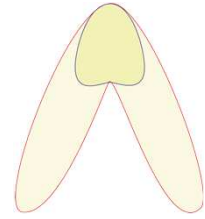
Low UGR Wide (DB80 / DW80)



Low UGR Mid-width (DB50 / DW50)



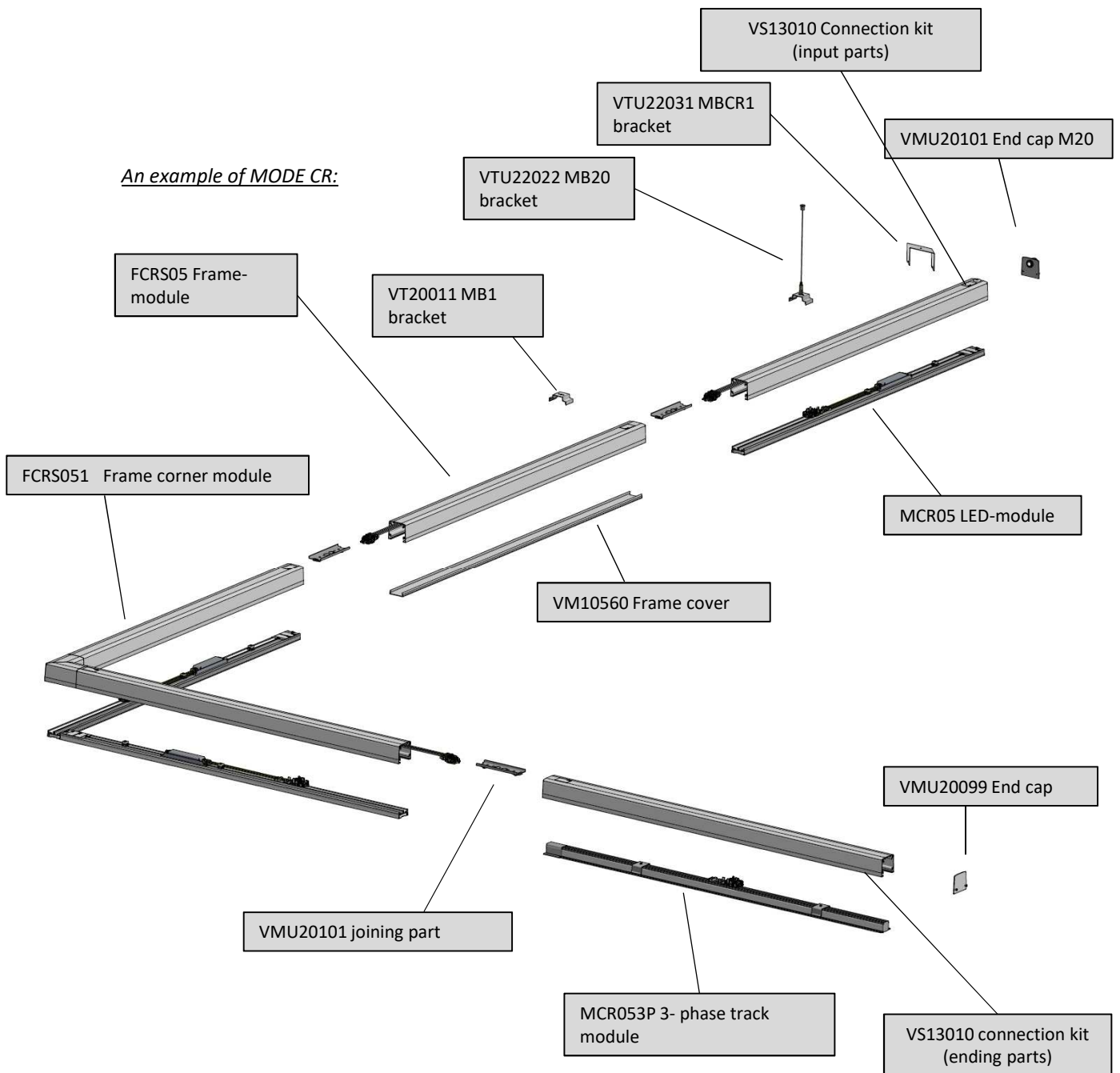
Retail (A2)



Configure and define your continuous light line with **SNEP Mode CR Configurator** <https://snef.fi/en/material-bank>

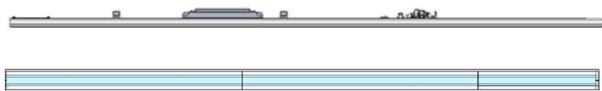
Mode CR light line product consists of number of frame-, LED- and track-modules and frame covers meeting your target specifications. In addition there are the end caps, joining parts, connection sets and brackets. Please use **SNEP Mode CR Configurator** <https://snep.fi/en/material-bank> to define your MODE CR light line product.

An example of MODE CR:

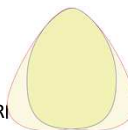


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LED-Modules



Wide (W90)



Amount of light (lm), power and efficiency depend on the selected light distribution, CCT and CRI values.

Light distribution variants can be found from: www.snep.fi/en/material-bank

Technical name	lm	W	lm/W	Length mm	Weight	L-value*
CR05W90 840HE	2850	18	162	1410mm	1.4 Kg	L21
CR05W90 840HE	4250	28	151	1410mm	1.4 Kg	L30
CR05W90 840HE	5000	33	154	1410mm	1.4 Kg	L36
CR05W90 840HE	6250	42	147	1410mm	1.4 Kg	L45
CR05W90 840HO	8100	49	164	1410mm	1.4 Kg	L58
CR05W90 840HO	10000	61	164	1410mm	1.4 Kg	L71
CR05W90 840HO	11300	73	155	1410mm	1.4 Kg	L81

*L-value = 100lm/m e.g. L21 = 2100lm/m. L-values are defined in the light distribution files and in the Mode CR Product configurator. Project specific lengths upon request.

3-phase track module

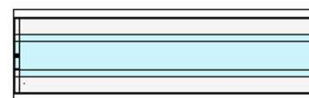


Technical name	Length	Weight	Description
MCR053P01W	1410mm	1.4kg	3-phase track module, white
MCR053P01B	1410mm	1.4kg	3-phase track module, black

Optics



PC-cover
M1, S2

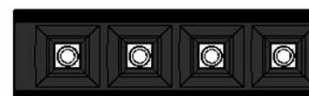


PMMA - Lense
W110, W90, W60, N30
A2, A1

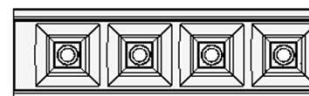
Frame cover



Technical name	Length	Weight	Description
VM10560A	1410mm	0.5kg	AL-profile cover, white
VM10560B	1410mm	0.5kg	AL-profile cover, black



PMMA - Lense +
PC Shade
Low UGR DB80, DB50



PMMA - Lense +
PC Shade
Low UGR DW80, DW50

3-phase track module and frame cover can replace the LED-module in every position of the light line installation. Further information from the installation instructions.

Configure and define your continuous light line with **SNEP Mode CR Configurator** <https://snep.fi/en/material-bank>

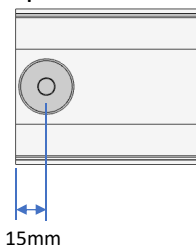
Frame modules



Technical name	Length	Weight	Frame cable set	Control	Installation method	Description	Connection cable direction
FCRS05005	1410mm	1.9Kg	5x2.5mm ²	ON/OFF	Surface	AL-profile, white	-
FCRS05010	1410mm	1.9Kg	5x2.5mm ²	ON/OFF	Surface	AL-profile, white	upwards
FCRS05011	1410mm	1.9Kg	5x2.5mm ²	ON/OFF	Surface	AL-profile, black	-
FCRS05014	1410mm	1.9Kg	5x2.5mm ²	ON/OFF	Surface	AL-profile, black	upwards
FCRS05006	1410mm	2.0Kg	5x2.5mm ² + 4x1.5mm ²	DALI	Surface	AL-profile, white	-
FCRS05008	1410mm	2.0Kg	5x2.5mm ² + 4x1.5mm ²	DALI	Surface	AL-profile, white	upwards
FCRS05012	1410mm	2.0Kg	5x2.5mm ² + 4x1.5mm ²	DALI	Surface	AL-profile, black	-
FCRS05013	1410mm	2.0Kg	5x2.5mm ² + 4x1.5mm ²	DALI	Surface	AL-profile, black	upwards
FCRR05005	1410mm	2.0Kg	5x2.5mm ²	ON/OFF	Recessed	AL-profile, white	-
FCRR05010	1410mm	2.0Kg	5x2.5mm ²	ON/OFF	Recessed	AL-profile, white	upwards
FCRR05011	1410mm	2.0Kg	5x2.5mm ²	ON/OFF	Recessed	AL-profile, black	-
FCRR05014	1410mm	2.0Kg	5x2.5mm ²	ON/OFF	Recessed	AL-profile, black	upwards
FCRR05006	1410mm	2.1Kg	5x2.5mm ² + 4x1.5mm ²	DALI	Recessed	AL-profile, white	-
FCRR05008	1410mm	2.1Kg	5x2.5mm ² + 4x1.5mm ²	DALI	Recessed	AL-profile, white	upwards
FCRR05012	1410mm	2.1Kg	5x2.5mm ² + 4x1.5mm ²	DALI	Recessed	AL-profile, black	-
FCRR05013	1410mm	2.1Kg	5x2.5mm ² + 4x1.5mm ²	DALI	Recessed	AL-profile, black	upwards

Project specific lengths upon request

Connection cable upwards:



A - A

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Frame corner modules



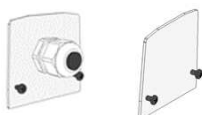
Technical name	Length	Weight	Frame cable set	Control	Installation method	Description	Connection cable direction
FCRS05100	1420mm + 1470mm	4.3Kg	5x2.5mm ²	ON/OFF	Surface	AL-profile, white	-
FCRS05101	1420mm + 1470mm	4.3Kg	5x2.5mm ²	ON/OFF	Surface	AL-profile, black	-
FCRS05102	1420mm + 1470mm	4.4Kg	5x2.5mm ² + 4x1.5mm ²	DALI	Surface	AL-profile, white	-
FCRS05103	1420mm + 1470mm	4.4Kg	5x2.5mm ² + 4x1.5mm ²	DALI	Surface	AL-profile, black	-
FCRR05100	1420mm + 1470mm	4.4Kg	5x2.5mm ²	ON/OFF	Recessed	AL-profile, white	-
FCRR05101	1420mm + 1470mm	4.4Kg	5x2.5mm ²	ON/OFF	Recessed	AL-profile, black	-
FCRR05102	1420mm + 1470mm	4.6Kg	5x2.5mm ² + 4x1.5mm ²	DALI	Recessed	AL-profile, white	-
FCRR05103	1420mm + 1470mm	4.6Kg	5x2.5mm ² + 4x1.5mm ²	DALI	Recessed	AL-profile, black	-

Frame corner module will be assembled at the site, when also the direction of the corner can be decided.

Frame assembly utilizes quick connectors and latches and is tool free.

Further information from the Mode CR installation instruction. www.snep.fi/en/material-bank

End caps



Input cable max dimensions:
M20 Ø7 – 13mm
M25 Ø9 – 17mm

Technical name	Description	Installation method
VMU20099	Blind end cap, white	Surface
VMU20128	Blind end cap, black	Surface
VMU20100	M20 cable gland end cap, white	Surface
VMU20129	M20 cable gland end cap, black	Surface
VMU20122	M25 cable gland end cap, white (3-phases + DALI)	Surface
VMU20123	M25 cable gland end cap, black (3-phases + DALI)	Surface
VM10370A	Blind end cap, white	Recessed
VM10370B	Blind end cap, black	Recessed
VMU20097	M20 cable gland end cap, white	Recessed
VMU20130	M20 cable gland end cap, black	Recessed
VMU20126	M25 cable gland end cap, white (3-phases + DALI)	Recessed
VMU20127	M25 cable gland end cap, black (3-phases + DALI)	Recessed

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Joining parts



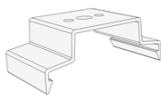
Technical name	Description	Note
VMU20101	Joining part with latches	For tool less joining of two frame profiles

Connection kit

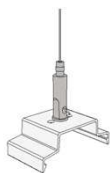


Technical name	Description	Note
VS13010	Connection kit	1pcs / light line (includes spare screws for end cap fixing)

Brackets



Technical name	Description	Note
VT22001A	MB1 surface mount bracket, white	Max distance between brackets 1410mm
VT22001B	MB1 surface mount bracket, black	Max distance between brackets 1410mm



Technical name	Description	Note
VTU22022A	MB20 wire bracket, white	Max distance between brackets 1410mm. Leng of the wire 3m
VTU22022B	MB20 wire bracket, black	Max distance between brackets 1410mm. Leng of the wire 3m



Technical name	Description	Note
VTU22031	MBCR1 recessed mounting bracket	Max distance between brackets 1410mm.

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