

NEO LINEA IND

CONTINUOUS CHANNEL SYSTEM



High efficiency
Modularity
Tool-free installation
Plug & Play

BUCK GmbH

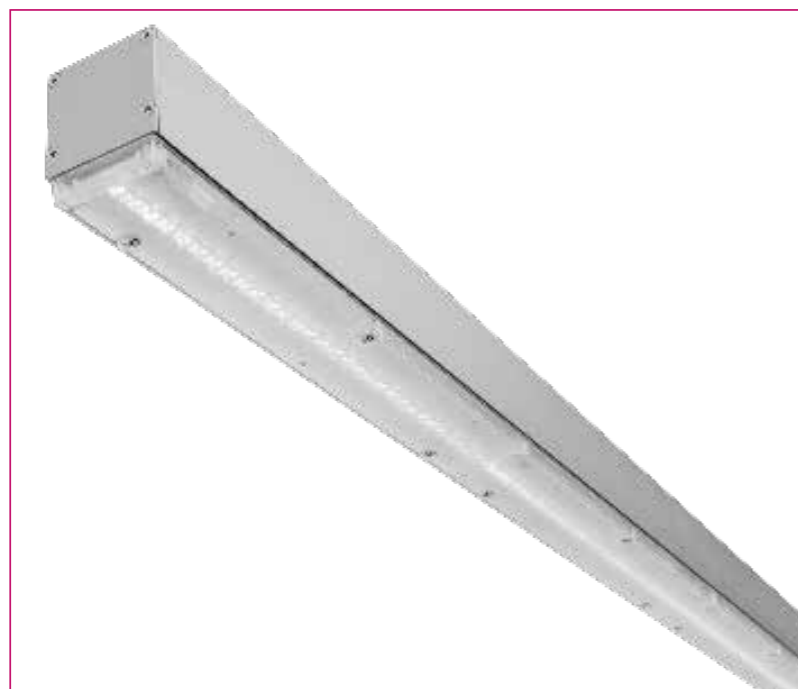
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NEO LINEA IND High efficiency **surface mounted** / **suspended** channel system for illumination of voluminous spaces, such as industrial facilities, warehouse facilities and retail objects.

System housing is made of extruded aluminum profiles, anodized in natural aluminum, with possibility to form continuous lines.

Various optics (light distributions) allow implementation according to different visual tasks in ambient temperature from -20°C up to +45°C. Lighting management by DALI control gear, with possibility of EM lighting and daylight sensors.



Dimensions A/B/H	2400 / 46 / 55 mm
Ingress protection rating	IP42
Finish	anodized, natural aluminum
Weight – chanel with mask	1,21kg /m
Weight – lighting module	1,00 kg / kom
Ta	-20°C up to +45°C
Luminaire luminous flux (t_a=25°)	15305 lm
Total power	102 W
Luminaire efficiency	150 lm/W
Light colour temperature /CRI	4000K / 80
LED service life	54.000h(L80B10)
Power supply	220-240V, 50-60Hz
Control gear	ECG, DALI

OPTICS Various lighting effects are obtained by choosing one of three types of lenses, depending on the space and its organization: narrow beam (30°), wide beam (60°) and extra wide beam (90°). Energy efficiency up to 150 lm/W. Optics made of PMMA.

LED source is Zhaga compatible.

LIGHT BEAMS



30°, UGR <22



60°, UGR <23



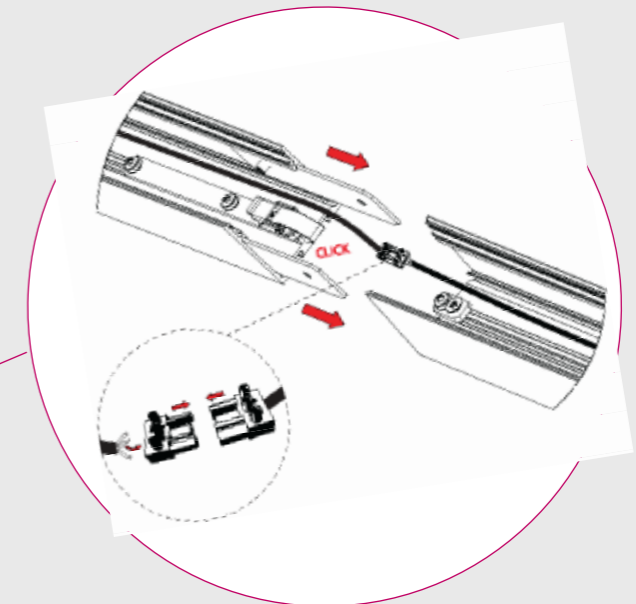
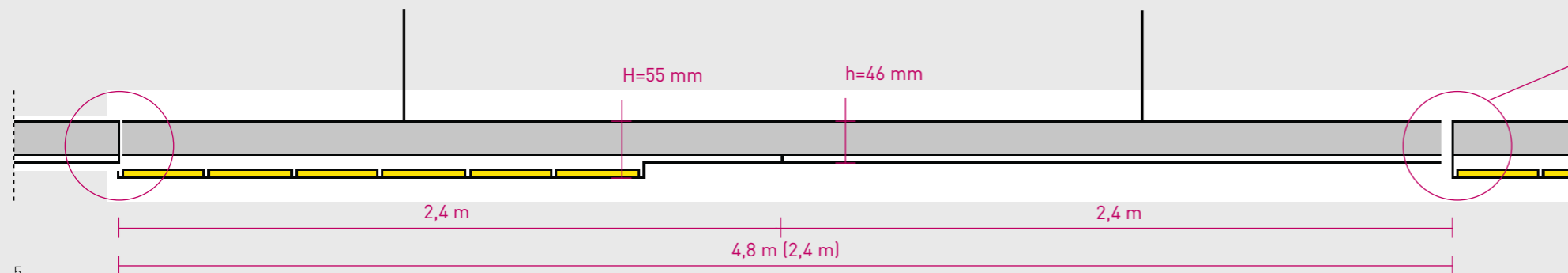
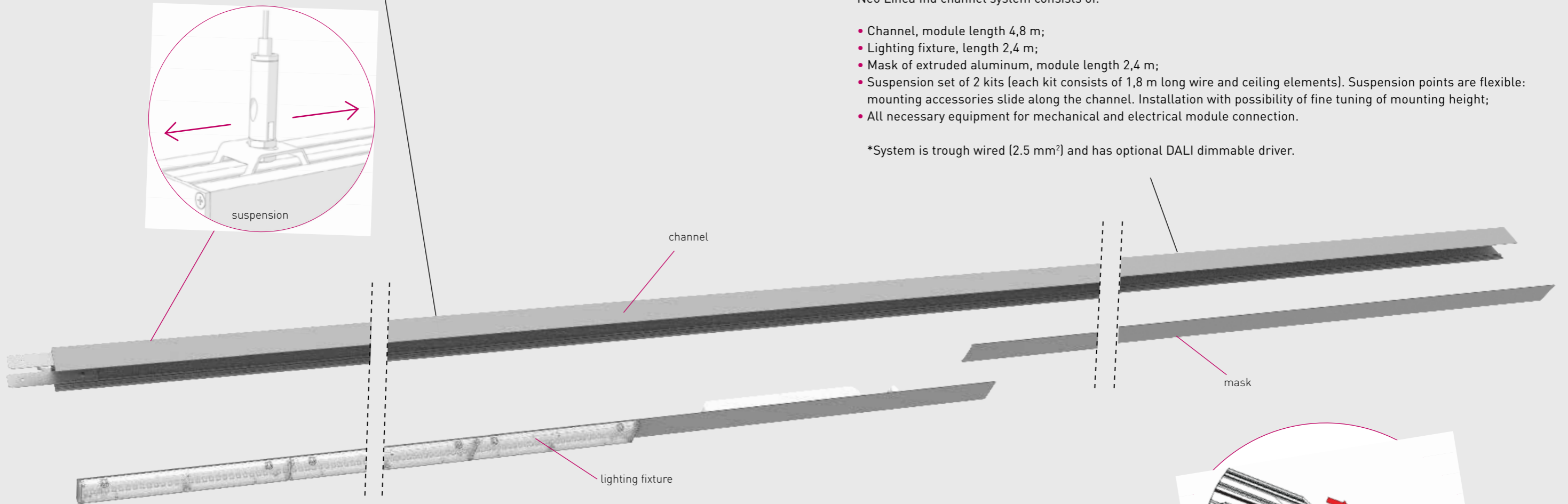
90°, UGR <25

DESIGN OVERVIEW

Neo Linea Ind channel system consists of:

- Channel, module length 4,8 m;
- Lighting fixture, length 2,4 m;
- Mask of extruded aluminum, module length 2,4 m;
- Suspension set of 2 kits (each kit consists of 1,8 m long wire and ceiling elements). Suspension points are flexible: mounting accessories slide along the channel. Installation with possibility of fine tuning of mounting height;
- All necessary equipment for mechanical and electrical module connection.

*System is trough wired (2.5 mm²) and has optional DALI dimmable driver.

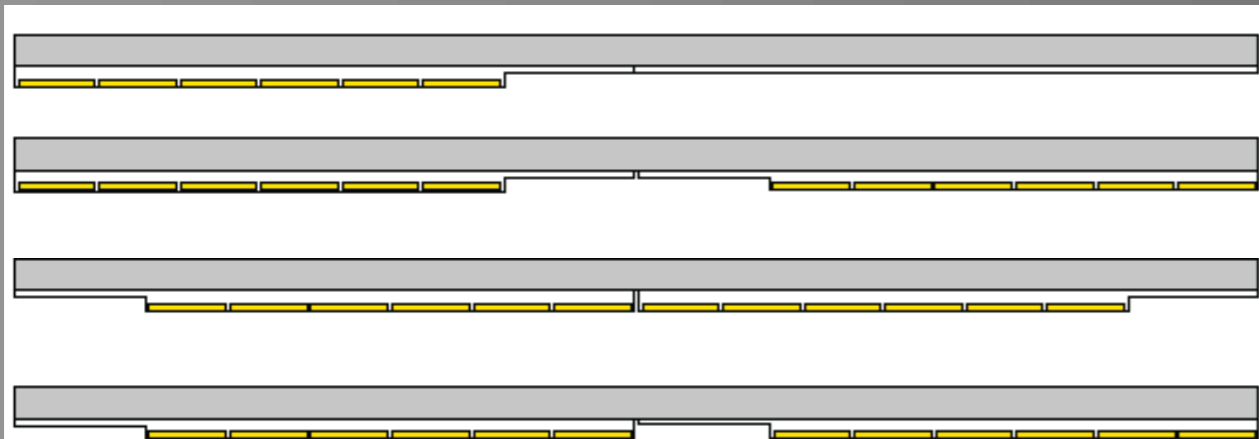


mechanical and electrical connection of modules

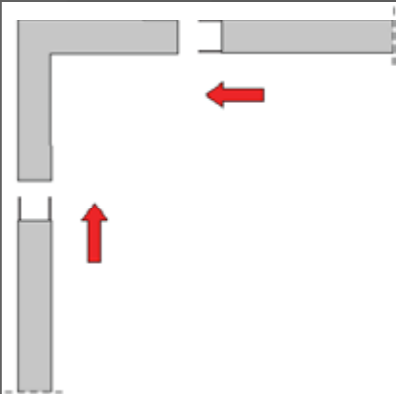
MOUNTING Mounting is very fast and easy, in plug & play way. Changing of configuration is possible, even after installation. System is configured in a way that disconnecting of each lighting fitting will not affect work of others in line.

PLUG & PLAY

DIFFERENT SYSTEM CONFIGURATIONS



300 mm power line element and two end caps for each line.



L connection 300x300mm. Element for contour creation.

