

NAOS MPR



... indoor, metal, with low UGR.

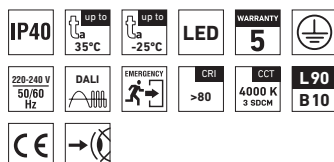
USE

Advanced lamp **with low profile** of total height of **34 mm only**.

The light fitting is suitable for offices, hallways, school interiors, libraries, lecture rooms, sanitary rooms, hospitals and passenger terminals.

ADVANTAGES

- Light fitting protection **IP40**
- Maximum ambient temperature up to **t_a = 35 °C**
- Lifetime: 50,000 hours / L90B10
- Diffuser: multi-layer micropyramid optics (MPR) with UGR < 19
- Body: steel sheet, white (RAL 9003) or silver (RAL 9006) colour
- Up to 45 % lower electricity consumption when compared to tubes T5
- In DALI version possibility of constant luminous flux for whole lifetime (CLO)
- Standard model - CRI > 80: 4000 K
- At request CRI > 80: 3000 K, 5000 K, 6500 K, CRI > 90: 3000 K, 4000 K, 5000 K, 6500 K
- It can be delivered in dimmable or emergency version
- Certification: ESČ

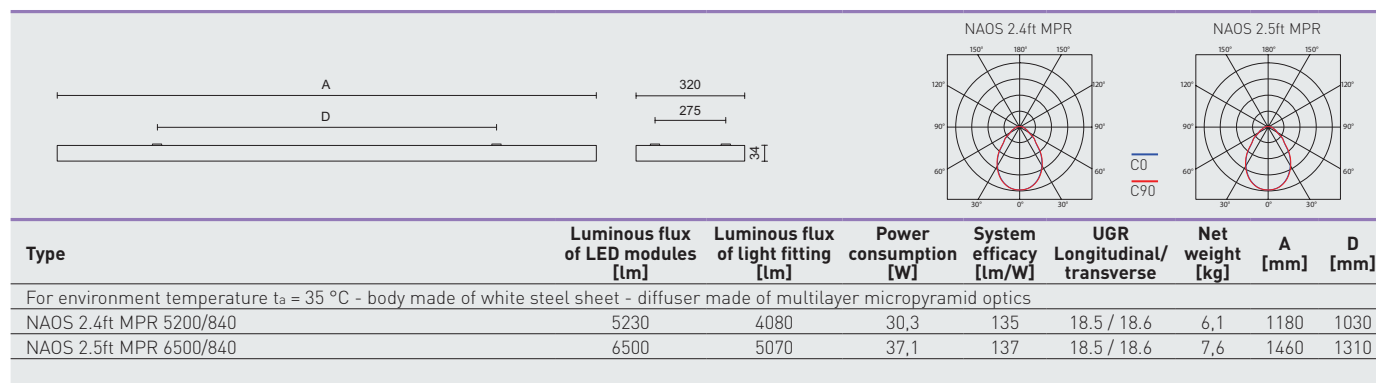


NAOS MPR



TECHNICAL DESCRIPTION

- Light fitting protection: IP40
- Maximum ambient temperature: $t_a = 35^\circ\text{C}$, Maximum ambient temperature: $t_a = 0-25^\circ\text{C}$ (version with emergency back-up source for 1 hour; M1h)
- Maximum system efficacy: 137 lm/W
- The watt and lumen values can vary by $\pm 7,5\%$
- Standard model - CRI > 80: 4000 K
- MacAdam = 3 SDCM
- Lifetime: 50,000 hours / L90B10
- Diffuser: multi-layer micropyramid optics MPR for light distribution without glare according to EN 12464-1 with UGR < 19
- Body: steel sheet, white (RAL 9003) or silver (RAL 9006) colour
- Cable gland: rubber (SBS), white
- Terminal block: screwless, five-pole
- Securing of the cover: by the means of magnets
- Electric equipment: LED modules, current driver or current driver DALI



95510 NAOS 2.4ft MPR 5200/840 = suitable replacement for T5 fl. tube light fitting LUXOR 235 OP ET5 - 2x35W

95520 NAOS 2.4ft MPR 6500/840 = suitable replacement for T5 fl. tube light fitting LUXOR 249 OP ET5 - 2x49W

NAOS MPR

Code	Type	M1h	DALI	DALI M1h
95510	NAOS 2.4ft MPR 5200/840	95513	95515	95516
95520	NAOS 2.5ft MPR 6500/840	95523	95525	95526

Diffuser with multilayer micropyramid optics, white colour

NAOS MPR s

Code	Type	M1h	DALI	DALI M1h
95610	NAOS 2.4ft MPR 5200/840 s	95613	95615	95616
95620	NAOS 2.5ft MPR 6500/840 s	95623	95625	95626

Diffuser with multilayer micropyramid optics, silver colour (s)

Example of type marking: 95626 = NAOS 2.5ft MPR 6500/840 DALI M1h

LEGEND

s – silver colour RAL 9006

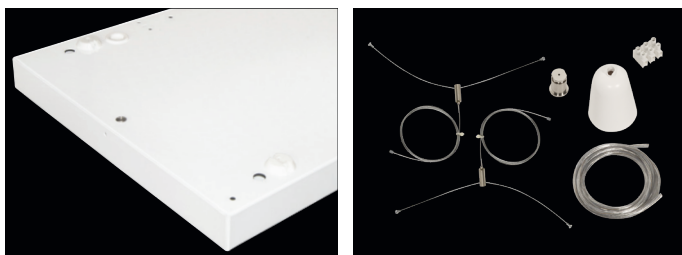
DALI – version with electronic and digitally dimmed ballast module operated via DALI protocol

M1h – emergency back-up source with operating time of 1 hour (SA) for both permanent and emergency illumination

Batteries must be formatted before their putting into operation. Assembly instructions must be observed at installation.

LIGHT FITTING ATTACHMENT

- a) Directly to a ceiling or a wall with the use of screws
- b) By suspending to a ceiling with the use of wire-cord suspensions

**LIGHT FITTING DETAILED VIEW**

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