

# NAOS MPR



... indoor, metal, with low UGR.

## USE

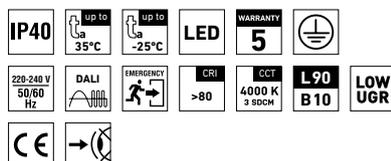
Advanced lamp **with low profile** of total height of **34 mm only**.

It is the luminaire with multi-layer micro pyramid optics (MPR) for light distribution without glare according to EN 12464-1 with **UGR <19**.

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<sub>a</sub> = 35 °C**
- Lifetime: 50,000 hours / L90B10
- Diffuser: multi-layer micro pyramid optics (MPR), **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

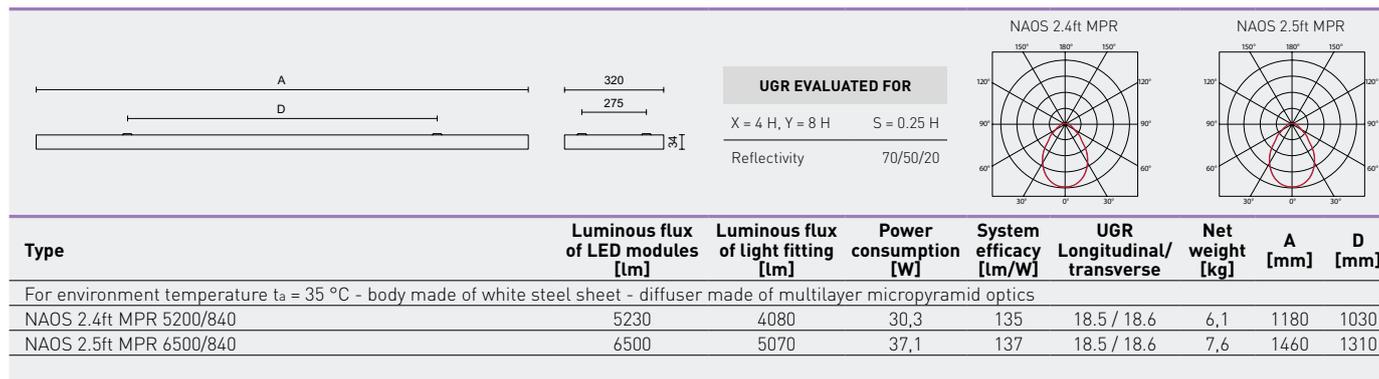


# NAOS MPR



## TECHNICAL DESCRIPTION

- Light fitting protection: IP40
- Maximum ambient temperature:  $t_a = 35^\circ\text{C}$ , Maximum ambient temperature:  $t_a = 0-35^\circ\text{C}$  (version with emergency back-up source M3hAt)
- 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), **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 - 2 x 35W  
 95520 NAOS 2.4ft MPR 6500/840 = suitable replacement for T5 fl. tube light fitting LUXOR 249 OP ET5 - 2 x 49W

## NAOS MPR

Code	Type
95510	NAOS 2.4ft MPR 5200/840
95520	NAOS 2.5ft MPR 6500/840

Diffuser with multilayer micropyramid optics, white colour

M3hAt	DALI	DALI M3hAt
110038	95515	110036
110050	95525	110048

## NAOS MPR s

Code	Type
95610	NAOS 2.4ft MPR 5200/840 s
95620	NAOS 2.5ft MPR 6500/840 s

Diffuser with multilayer micropyramid optics, silver colour (s)

M3hAt	DALI	DALI M3hAt
110039	95615	110037
110051	95625	110049

## LEGEND

**s** – silver colour RAL 9006

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

**M3hAt** – emergency back-up source with operating time of 3 hour (SA) for both permanent and emergency illumination with battery autotest

**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**

NAOS MPR

