

NAOS MPR



... indoor, metal, with low UGR.

USE

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

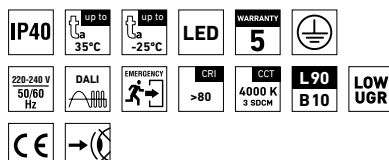
It is the luminaire with multi-layer microprism optics (MPR) for light distribution without glare according to EN 12464-1 with **UGR <19**.

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_a = 35 °C**
- Lifetime: 50,000 hours / L90B10
- Diffuser: multi-layer microprism 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

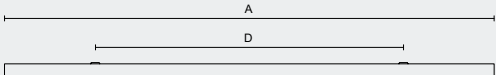
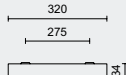
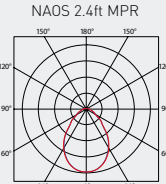
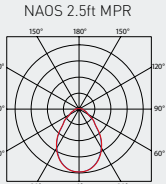


NAOS MPR



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

				<div>UGR EVALUATED FOR</div> <div>X = 4 H, Y = 8 H S = 0.25 H</div> <div>Reflectivity 70/50/20</div>					
Type	Luminous flux of LED modules [lm]	Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]	UGR Longitudinal/transverse	Net weight [kg]	A [mm]	D [mm]	
For environment temperature $t_a = 35\text{ }^{\circ}\text{C}$ - body made of white steel sheet - diffuser made of multilayer micropyramid optics									
NAOS 2.4ft MPR 5200/840	5230	4080	30,3	135	18.5 / 18.6	6,1	1180	1030	
NAOS 2.5ft MPR 6500/840	6500	5070	37,1	137	18.5 / 18.6	7,6	1460	1310	

95510 NAOS 2.4ft MPR 5200/840 = suitable replacement for T5 fl. tube light fitting LUXOR 235 OP ET5 – 2 × 35W

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

