

# NAOS



... indoor, metal, MultiLumen.

## USE

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

**Thanks to the MultiLumen function**, the luminaire can be adjusted for changing lighting requirements without much effort.

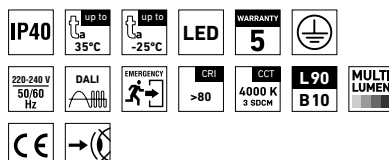
Body of the lamp is made of painted metal sheet and it is supplemented with acryl diffuser sandblasted on both sides.

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: acryl (PMMA) sandblasted on both sides
- 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)

- **MultiLumen (ML)** function enables simple switching between up to four luminous fluxes via driver's DIP switch.
- 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: EŠČ



## NAOS



## 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: 147 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: acryl (PMMA) sandblasted on both sides
- Body: steel sheet, white (RAL 9003) or silver (RAL 9006) colour

- **MultiLumen (ML)**: luminous flux variable in up to 4 steps. In the standard version preset maximum luminous flux.
- 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

Type	Luminous flux of LED modules [lm]	Preselected Step 1 of MultiLumen function			Net weight [kg]	A [mm]	D [mm]
		Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]			
For ambient temperature $t_a = 35^\circ\text{C}$ - body: steel sheet, white colour - diffuser made of sandblasted opalised acryl							
NAOS 1.2ft 1600/840	1630	1320	10,5	126	2,0	620	470
NAOS 1.4ft 3200/840 *	3260	2640	20,1	131	3,7	1180	1030
NAOS 1.5ft 4000/840 *	4180	3390	25,3	134	4,4	1460	1310
NAOS 2.2ft 3200/840	3250	2700	20,1	134	2,6	620	470
NAOS 2.4ft 6400/840 *	6520	5410	38,4	141	4,6	1180	1030
NAOS 2.5ft 8000/840 *	8330	6910	48,3	143	5,5	1460	1310

\*) Also available with MultiLumen function:

Type	MultiLumen function								
	Step 2			Step 3			Step 4		
	Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]	Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]	Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]
NAOS 1.4ft 3200/840 ML	2280	17,3	132	1930	14,6	132	1560	11,7	133
NAOS 1.5ft 4000/840 ML	2930	21,6	136	2470	18,1	136	2000	14,7	136
NAOS 2.4ft 6400/840 ML	4690	32,9	143	3950	27,4	144	3200	22,0	145
NAOS 2.5ft 8000/840 ML	5990	41,5	144	5070	34,6	147	4100	27,9	147

## NAOS

Code	Type
95020	NAOS 1.2ft 1600/840
95050	NAOS 1.4ft 3200/840 ML
95080	NAOS 1.5ft 4000/840 ML
95110	NAOS 2.2ft 3200/840
95140	NAOS 2.4ft 6400/840 ML
95170	NAOS 2.5ft 8000/840 ML

white colour, non-dimmable driver

M3hAt
110002
110010
110018
110026
110034
110046

## NAOS DALI

Code	Type
95025	NAOS 1.2ft 1600/840 DALI
95055	NAOS 1.4ft 3200/840 DALI
95085	NAOS 1.5ft 4000/840 DALI
95115	NAOS 2.2ft 3200/840 DALI
95145	NAOS 2.4ft 6400/840 DALI
95175	NAOS 2.5ft 8000/840 DALI

white colour, digital dimmable driver DALI

M3hAt
110000
110008
110016
110024
110032
110044

NAOS s

Code	Type
95320	NAOS 1.2ft 1600/840 s
95350	NAOS 1.4ft 3200/840 ML s
95380	NAOS 1.5ft 4000/840 ML s
95410	NAOS 2.2ft 3200/840 s
95440	NAOS 2.4ft 6400/840 ML s
95470	NAOS 2.5ft 8000/840 ML s

silver colour (s), non-dimmable driver

M3hAt
110003
110011
110019
110027
110035
110047

NAOS DALI s

Code	Type
95325	NAOS 1.2ft 1600/840 DALI s
95355	NAOS 1.4ft 3200/840 DALI s
95385	NAOS 1.5ft 4000/840 DALI s
95415	NAOS 2.2ft 3200/840 DALI s
95445	NAOS 2.4ft 6400/840 DALI s
95475	NAOS 2.5ft 8000/840 DALI s

silver colour (s), digital dimmable driver DALI

M3hAt
110001
110009
110017
110025
110033
110045

LEGEND

- M3hAt** - emergency back-up source with 3 hour operating time for maintained emergency illumination with battery autotest
- DALI** - version with digital dimmable driver DALI
- s** - silver colour RAL 9006

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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