ЮНИА-Т ЕООД
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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

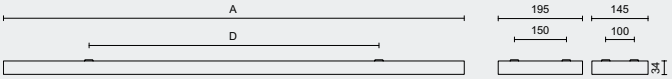
- Light fitting protection **IP40**
- Maximum ambient temperature up to t_a **= 35 °C**
- Lifetime: 50,000 hours / L90B10
- Diffuser: acryl (PMMA) sandblasted on both sides
- Body: steel sheet, white (RAL 9003) or silver (RAL 9006) colour
- Up to 45 % lower electricity consumption when compared to tubes 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: ESČ

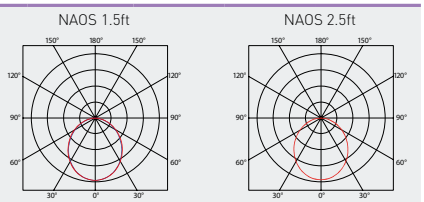
NAOS



TECHNICAL DESCRIPTION

- Light fitting protection: IP40
- Maximum ambient temperature: t_a = 35 °C, Maximum ambient temperature: t_a = 0-35 °C (version with emergency back-up source M3hAt)
- Maximum system efficacy: 147 lm/W
- The watt and lumen values can vary by ± 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: Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]	Net weight [kg]	A [mm]	D [mm]
For ambient temperature t_a = 35 °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 Luminous flux of light fitting [lm]	Step 2 Power consumption [W]	Step 2 System efficacy [lm/W]	Step 3 Luminous flux of light fitting [lm]	Step 3 Power consumption [W]	Step 3 System efficacy [lm/W]	Step 4 Luminous flux of light fitting [lm]	Step 4 Power consumption [W]	Step 4 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

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white colour, non-dimmable driver

Code	Type	M3hAt
95020	NAOS 1.2ft 1600/840	110002
95050	NAOS 1.4ft 3200/840 ML	110010
95080	NAOS 1.5ft 4000/840 ML	110018
95110	NAOS 2.2ft 3200/840	110026
95140	NAOS 2.4ft 6400/840 ML	110034
95170	NAOS 2.5ft 8000/840 ML	110046

NAOS DALI

white colour, digital dimmable driver DALI

Code	Type	M3hAt
95025	NAOS 1.2ft 1600/840 DALI	110000
95055	NAOS 1.4ft 3200/840 DALI	110008
95085	NAOS 1.5ft 4000/840 DALI	110016
95115	NAOS 2.2ft 3200/840 DALI	110024
95145	NAOS 2.4ft 6400/840 DALI	110032
95175	NAOS 2.5ft 8000/840 DALI	110044

NAOS s

silver colour (s), non-dimmable driver

Code	Type	M3hAt
95320	NAOS 1.2ft 1600/840 s	110003
95350	NAOS 1.4ft 3200/840 ML s	110011
95380	NAOS 1.5ft 4000/840 ML s	110019
95410	NAOS 2.2ft 3200/840 s	110027
95440	NAOS 2.4ft 6400/840 ML s	110035
95470	NAOS 2.5ft 8000/840 ML s	110047

NAOS DALI s

silver colour (s), digital dimmable driver DALI

Code	Type	M3hAt
95325	NAOS 1.2ft 1600/840 DALI s	110001
95355	NAOS 1.4ft 3200/840 DALI s	110009
95385	NAOS 1.5ft 4000/840 DALI s	110017
95415	NAOS 2.2ft 3200/840 DALI s	110025
95445	NAOS 2.4ft 6400/840 DALI s	110033
95475	NAOS 2.5ft 8000/840 DALI s	110045

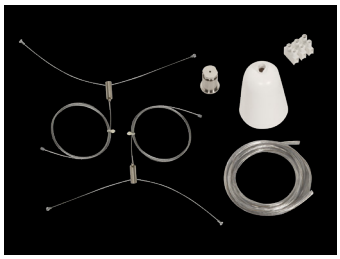
LEGEND

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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