NAOS SQUARE



... indoor, square, metal.

USE

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

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

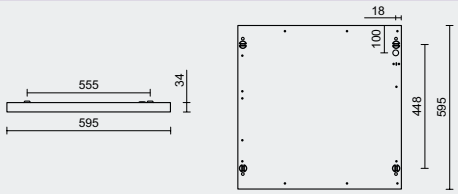
- Light fitting protection **IP40**
- Maximum ambient temperature up to t_a **= 35 °C**
- Lifetime: 50,000 hours / L90B10
- Diffuser: acryl (PMMA) sandblasted on both sides
- Body: steel sheet, white (RAL 9003) or silver (RAL 9006) colour
- Up to 45 % lower electricity consumption when compared to tubes T5
- In DALI version possibility of constant luminous flux for whole lifetime (CLO)
- 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

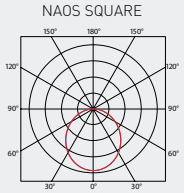
NAOS SQUARE



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: 145 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
- 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]
		Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]	
For ambient temperature t_a = 35 °C - body: steel sheet, white colour - diffuser made of sandblasted opalised acryl					
NAOS SQUARE 6400/840 *	6520	5410	38,4	141	5,7

*) 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 SQUARE 6400/840 ML	4690	32,9	143	3950	27,4	144	3200	22,0	145

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Diffuser made from sandblasted opalised acryl, white colour

Code	Type	M3hAt	DALI	DALI M3hAt
95720	NAOS SQUARE 6400/840 ML	110058	95725	110056

NAOS SQUARE s

Diffuser made from sandblasted opalised acryl, silver colour (s)

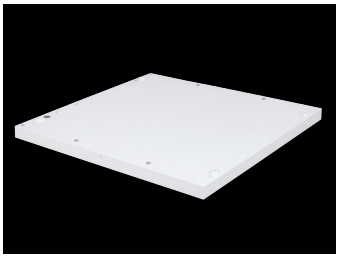
Code	Type	M3hAt	DALI	DALI M3hAt
95760	NAOS SQUARE 6400/840 s	110059	95765	110057

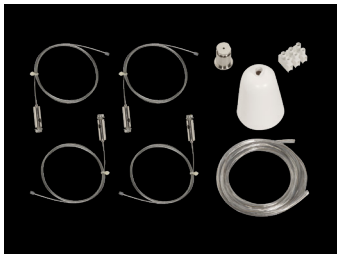
LEGEND

s – silver colour RAL 9006
DALI – version with electronic and digitally dimmed driver 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
c) Installation into 600 × 600 mm grid lower ceiling





LIGHT FITTING DETAILED VIEW

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