

# NAOS

NEW



... indoor, metal.

## USE

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

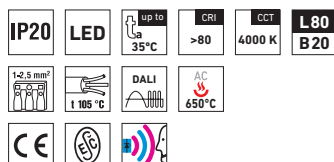
Body of the lamp is made of painted metal sheet and it is supplemented with acryl diffuser sandblasted on both sides.

The light fitting is suitable for offices, hallways, school interiors, libraries, lecture rooms, sanitary rooms, hospitals and passenger terminals.

## ADVANTAGES

- Light fitting protection **IP20**
- Maximum ambient temperature up to **ta = 35 °C**
- Lifetime: 50 000 hours / L80B20
- 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
- It can be delivered in dimmable or emergency version
- Certification: ESČ



# NAOS



## TECHNICAL DESCRIPTION

- Light fitting protection: IP20
- Maximum ambient temperature:  $t_a = 35^\circ\text{C}$ ,  
Maximum ambient temperature:  $t_a = 25^\circ\text{C}$   
(version with emergency back-up source for 1 hour; M1h)
- Maximum system efficacy: 129 lm/W
- The watt and lumen values can, in accordance with valid standards, vary by  $\pm 7,5\%$
- Standard model - CRI > 80: 4000 K
- Lifetime: 50,000 hours / L80B20
- 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

Code	Type	Luminous flux of LED modules [lm]	Luminous flux of light fitting [lm]	Power consumption [W]	System efficacy [lm/W]	Net weight [kg]	A [mm]	D [mm]
For ambient temperature $t_a = 35^\circ\text{C}$ - body: steel sheet, white colour - diffuser made of sandblasted opalised acryl								
95010	NAOS 1.2ft 1300/840	1300	1150	10	115	2,0	640	470
95020	NAOS 1.2ft 1600/840	1600	1380	12	115	2,0	640	470
95040	NAOS 1.4ft 2600/840	2600	2120	18	118	3,7	1200	1030
95050	NAOS 1.4ft 3200/840	3200	2620	22	119	3,7	1200	1030
95070	NAOS 1.5ft 3250/840	3250	2610	22	119	4,4	1480	1310
95080	NAOS 1.5ft 4000/840	4000	3250	27	120	4,4	1480	1310
95100	NAOS 2.2ft 2600/840	2600	2200	18	122	2,6	640	470
95110	NAOS 2.2ft 3200/840	3200	2730	22	124	2,6	640	470
95130	NAOS 2.4ft 5200/840	5200	4400	35	126	4,6	1200	1030
95140	NAOS 2.4ft 6400/840	6400	5400	42	129	4,6	1200	1030
95160	NAOS 2.5ft 6500/840	6500	5610	44	128	5,5	1480	1310
95170	NAOS 2.5ft 8000/840	8000	6760	53	128	5,5	1480	1310

95050 NAOS 1.4ft 3200/840 = suitable replacement for T5 fl. tube light fitting LUXOR 154 OP ET5 - 1 x 54 W  
 95140 NAOS 2.4ft 6400/840 = suitable replacement for T5 fl. tube light fitting LUXOR 254 OP ET5 - 2 x 54 W

## NAOS

Diffuser made from sandblasted opalised acryl, white colour

Code	Type	M1h	DALI	DALI M1h
95010	NAOS 1.2ft 1300/840	95013	95015	95016
95020	NAOS 1.2ft 1600/840	95023	95025	95026
95040	NAOS 1.4ft 2600/840	95043	95045	95046
95050	NAOS 1.4ft 3200/840	95053	95055	95056
95070	NAOS 1.5ft 3250/840	95073	95075	95076
95080	NAOS 1.5ft 4000/840	95083	95085	95086
95100	NAOS 2.2ft 2600/840	95103	95105	95106
95110	NAOS 2.2ft 3200/840	95113	95115	95116
95130	NAOS 2.4ft 5200/840	95133	95135	95136
95140	NAOS 2.4ft 6400/840	95143	95145	95146
95160	NAOS 2.5ft 6500/840	95163	95165	95166
95170	NAOS 2.5ft 8000/840	95173	95175	95176

Example of type marking: 95146 = NAOS 2.4ft 6400/840 DALI M1h

NAOS S

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

Code	Type
95310	NAOS 1.2ft 1300/840 s
95320	NAOS 1.2ft 1600/840 s
95340	NAOS 1.4ft 2600/840 s
95350	NAOS 1.4ft 3200/840 s
95370	NAOS 1.5ft 3250/840 s
95380	NAOS 1.5ft 4000/840 s
95400	NAOS 2.2ft 2600/840 s
95410	NAOS 2.2ft 3200/840 s
95430	NAOS 2.4ft 5200/840 s
95440	NAOS 2.4ft 6400/840 s
95460	NAOS 2.5ft 6500/840 s
95470	NAOS 2.5ft 8000/840 s

M1h	DALI	DALI M1h
95313	95315	95316
95323	95325	95326
95343	95345	95346
95353	95355	95356
95373	95375	95376
95383	95385	95386
95403	95405	95406
95413	95415	95416
95433	95435	95436
95443	95445	95446
95463	95465	95466
95473	95475	95476

Example of type marking: 95413 = NAOS 2.2ft 3200/840 **M1h** s

LEGEND

**s** – silver colour RAL 9006

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

**M1h** – emergency back-up source with operating time of 1 hour (SA) for both permanent and emergency illumination

Batteries must be formatted before their putting into operation. Assembly instructions must be observed at installation.

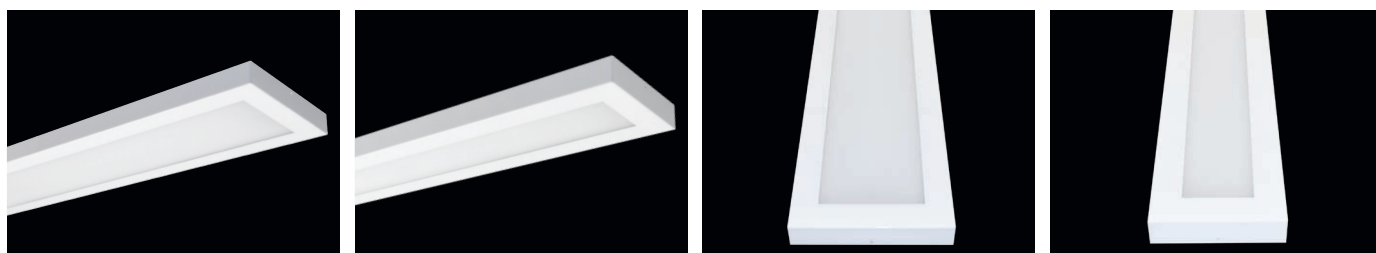
LIGHT FITTING ATTACHMENT

- 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



## Ceiling suspension



Code	Type	Description	Weight [kg]
95910	NAOS 1 - S3	wire suspension with maximal length of 1.2 m to suspend <b>single row</b> lamps (1.2ft, 1.4ft, 1.5ft), including of <b>3 core</b> supply cable (steel wire - 4 pieces, ceiling canopy - 2 pieces, bayonet suspension - 2 pieces)	0,3
95920	NAOS 1 - S5	wire suspension with maximal length of 1.2 m to suspend <b>single row</b> lamps (1.2ft, 1.4ft, 1.5ft), including of <b>5 core</b> supply cable (steel wire - 4 pieces, ceiling canopy - 2 pieces, bayonet suspension - 2 pieces)	0,3

Code	Type	Description	Weight [kg]
95930	NAOS 2 - S3	wire suspension with maximal length of 1.2 m to suspend <b>double row</b> lamps (2.2ft, 2.4ft, 2.5ft), including of <b>3 core</b> supply cable (steel wire - 4 pieces, ceiling canopy - 2 pieces, bayonet suspension - 2 pieces)	0,3
95940	NAOS 2 - S5	wire suspension with maximal length of 1.2 m to suspend <b>double row</b> lamps (2.2ft, 2.4ft, 2.5ft), including of <b>5 core</b> supply cable (steel wire - 4 pieces, ceiling canopy - 2 pieces, bayonet suspension - 2 pieces)	0,3