

product_datasheet_title

NAV-T 600 W SUPER 4Y

VIALOX® NAV®-T SUPER 4Y® 600 W | High-pressure sodium vapor lamps for open and enclosed luminaires



technical_data

ELECTRICAL DATA

Nominal wattage	600 W
Nominal voltage	110 V
Ignition voltage	3.6/5.0 kVp ¹⁾
Operating mode	Conventional control gear (CCG) and ignitor
Nominal current	6.06 A
PFC capacitor at 50 Hz	65 µF

1) Minimum / Maximum

PHOTOMETRICAL DATA

Luminous flux	90000 lm
Luminous efficacy	146 lm/W
Color temperature	2000 K
Color rendering index Ra	≤25
Light color	220
Rated LLMF at 2,000 h	0.98
Rated LLMF at 4,000 h	0.97
Rated LLMF at 6,000 h	0.96
Rated LLMF at 8,000 h	0.95
Rated LLMF at 12,000 h	0.94
Rated LLMF at 16,000 h	0.94
Rated LLMF at 20,000 h	0.94
UV protection	No

DIMENSIONS & WEIGHT

Overall length	285.00 mm
Length	285.00 mm
Light center length (LCL)	175,0 mm
Diameter	47 mm
Product weight	165.00 g

TEMPERATURES & OPERATING CONDITIONS

Maximum permitted outer bulb temperature	400 °C
Maximum permitted base edge temperature	250 °C

LIFESPAN

Rated lamp survival factor at 2,000 h	0.99
Rated lamp survival factor at 4,000 h	0.99
Rated lamp survival factor at 6,000 h	0.98
Rated lamp survival factor at 8,000 h	0.98
Rated lamp survival factor at 12,000 h	0.97
Rated lamp survival factor at 16,000	0.96
Rated lamp survival factor at 20,000 h	0.95
Lifespan B10	24000 h
Lifespan B5	20000 h
Lifespan B50	32000 h

ADDITIONAL PRODUCT DATA

Base (standard designation)	E40
Mercury content	21.6 mg
Design / version	Clear
Product remark	Not for general lighting / Important: Before replacing for NAV Standard lamps in existing installations, check that the igniters are suitable

CAPABILITIES

Dimmable	yes
Burning position	Any
Enclosed luminaire required	No



CERTIFICATES & STANDARDS


Energy consumption	616.00 kWh/1000h
--------------------	------------------


COUNTRY-SPECIFIC CATEGORIZATIONS

ILCOS	ST-600-H/E/SL-E40-47/285
Order reference	NAV-T 600W SUPE

download_data

	Documents and certificates	document_name
	Declarations Of Conformity CE	EC Declaration of Conformity - 2021 9C1-4088290-EN-00 - HPS 600W
	Certificates	EAC RU C-DE.AYA46.B.85891 29.06.2018-28.06.2023 ROSTEST-Moskva - HPS

Documents and certificates		document_name
	Certificates	EAC N RU D-DE.MU62.B.00936_20 06.03.2020-05.03.2025 Prommash Test - HPS

Photometric and lighting design files		document_name
	Spectral power distribution	384084_NAV_SUPER_4Y

logistical_data

product_code	packaging_unit	dimensions	weight	volume
4050300275772	Sleeve 1	52 mm x 52 mm x 325 mm	205.00 g	0.88 dm ³
4050300199979	Shipping box 12	266 mm x 216 mm x 342 mm	2850.00 g	19.65 dm ³

logistical_data_text

disclaimer_title

disclaimer_text