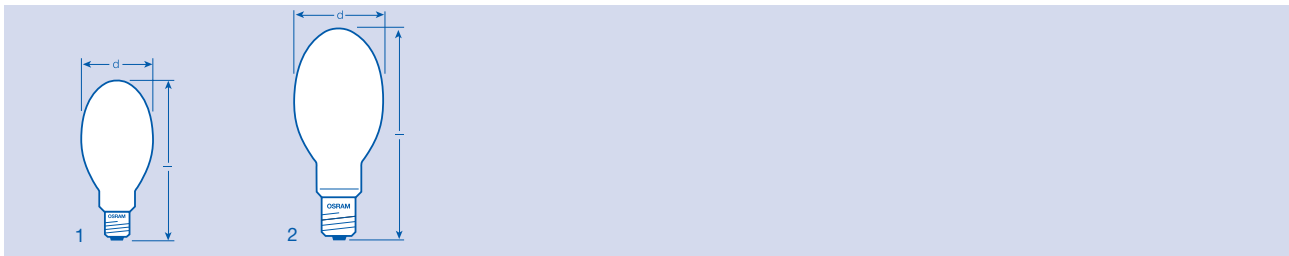


VIALOX® NAV® (SON)

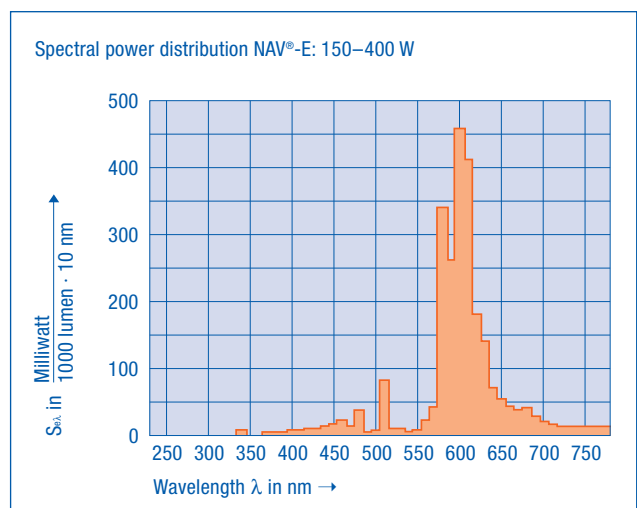
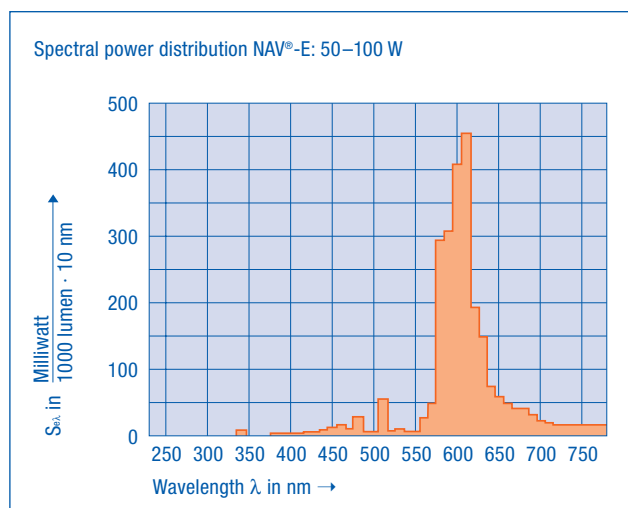


Type		NAV-E						
		Elliptical						
		50 W/E	70 W/E	100 W	150 W ³⁾	250 W ³⁾	400 W ³⁾	1000 W
Lamp wattage	W	50	70	100	150	250	400	1000
System wattage ¹⁾	W	62	83	115	170	275	440	1075
Lamp voltage	V	85	90	100	100	100	105	110
Starting voltage min./max.	kVs	1.8/2.3	1.8/2.3	3/5	3/5	3/5	3/5	3.5/5
Lamp current	A	0.77	0.98	1.2	1.8	3.0	4.45	10.3
Mains current comp. ²⁾	A	0.5	0.6	0.7	1.0	1.5	2.5	6.0
Luminous flux	lm	3500	5600	8500	14500	27000	48000	120000
Lamp luminous efficacy	lm/W	70	80	85	97	108	120	120
Average luminance	cd/cm ²	6	9	12	12	23	25	38
Colour rendering index		≤25	≤25	≤25	≤25	≤25	≤25	≤25
Light colour ³⁾	ww	ww	ww	ww	ww	ww	ww	ww
Colour temperature	K	2000	2000	2000	2000	2000	2000	2000
Diameter d	mm	70	70	75	90	90	120	165
Length max. l	mm	156	156	186	226	226	290	370
Base		E27	E27	E40	E40	E40	E40	E40
Burning position		universal	universal	universal	universal	universal	universal	universal
Max. perm. outer bulb temp.	°C	310	310	310	310	400	400	400
Max. perm. base edge temp.	°C	210	210	210	210	250	250	250
Comp. cap. at 50 Hz ⁴⁾	µF	10	12	12	20	32	45	100
Circuits (see page 15)	Fig. no.	1	1	1	1	1	1	1
Average life ⁴⁾	h	18000	18000	18000	24000	24000	24000	20000
Order reference		NAV-E 50/E	NAV-E 70/E	NAV-E 100	NAV-E 150	NAV-E 250	NAV-E 400	NAV-E 1000
EAN 4050300 ...		015750	015767	4008321087300	015613	015620	015637	015644
Standard pack	pcs	24	24	12	12	12	12	6
Figure	No.	1	1	1	2	2	2	2

VIALOX® NAV®

The all-round range from 50 W to 1000 W

- Luminous efficacy of up to 130 lm/W.
- Colour rendering index (CRI) ≤25.
- Applications: Outdoor systems for street lighting, industrial premises and floodlighting.
Indoor systems for heavy industry (for new installations we recommend NAV® SUPER 4Y).



1) Lamp and control gear.
Depending on the control gear used

2) Values at rated voltage and $\cos \varphi \geq 0.9$

3) ww = warm white

4) See explanation on page 13

5) NAV®-E 150 W, 250 W,
400 W and NAV®-T 150 W,
250 W, 400 W are also available with built-in
igniters.
Details on request