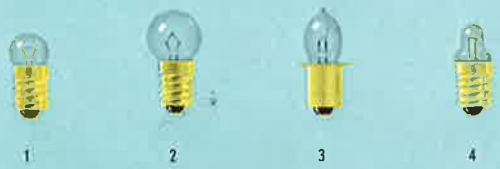
MINIATURE LAMPS

For flashlight and prefocus flashlight lamps 16 different lamp types are made ranging from 1.2 V to 6.2 V. Flashlight lamps are made for torches and hand dynamos, prefocus flashlight lamps for spotlight type reflectors. In these the filament is most accurately positioned and provides a highly concentrated beam of light.



1 2 3 4

FLASHLIGHT

Catalogue number	Voltage	Amp.	Bead-colour	Bulb	Cap	Diam. mm	Ovl. mm	Fig.
7111 D	2.5	0.1						
6890 D	2.5	0.2						
6891 D	3.5	0.2	—	G 3½	E 10	11	24	1
7135 D	2.5	0.3						
7138 D	3.8	0.3						
7145 D	6.2	0.3		G 4½		14	28	2

PREFOCUS FLASHLIGHT

PR 2	2.4	0.5	blue					
PR 3	3.6	0.5	green					
PR 4	2.3	0.27	light-green					
PR 6	2.5	0.3	brown	B-3.5	P9	11	30.5	3
PR 7	3.8	0.3	pink					
PR 8	1.9	0.6	—					
PR 9	2.7	0.15	—					
PR 12	6	0.5	—					

LENS-END LAMPS

112	1.2	0.22	pink	TL 3	E 10	9.5/	23	4
222	2.25	0.25	white			6.3		

BICYCLE LAMPS

Catalogue number	Voltage	Amp. or Watts	Cap	Diam. mm	Ovl. mm	Fig.
7126 D	4	0.3 A				
7133 D	6	0.25 A				
7140 D	6	0.3 A				
7141 D	6	0.35 A	E 10	15	29	5
7142 D	6	0.45 A				
7143 D	6	0.50 A				
7185 D	8	0.45 A				
7193 D	10	0.45 A				
7121 D	6		E 10			6
7121 N	6	0.05 A	BA 9s	11	24	6
7181 D [4]	8—10		E 10			7
7181 N	8—10		BA 9s			7

FOR BICYCLES WITH AUXILIARY MOTOR

1002 D		3.4 W				
1003 D		3.7 W				
1004 D		4.0 W				
1005 D		4.4 W				
1006 D	6	4.8 W	E 10	15	29	8
1007 D		5.2 W				
1008 D		5.7 W				
1009 D		6.2 W				
1010 D		6.8 W				
1011 D		7.5 W				
1001 D [1]	6	1.5 W	E 10	11	24	6
1001 N			BA 9s			

1) With Cap BA 9s

BICYCLE LAMPS

Head- and tail lamps for bycicles and bycicles with auxiliary motor are part and parcel of the Philips' miniature lamp programme. To derive maximum results from these lamps the total consumption of the head- and tail lamps must correspond with the output of the dynamo.



5 6 7 8

Catalogue number	Voltage	Amp.	Appr. life in hrs.	Cap	Diam. mm	Ovl. mm	Fig.
8096 D	2.5	0.5	3000	E 10	10.5	30	9
8041 D	4	0.1	3000	E 10	10.5	30	9
8042 D	4	0.5	3000	E 10	10.5	30	9
8038 D	5	0.2	3000	E 10	10.5	30	9
8023 N	6	0.18	3000	BA9s	11	24	10
8000 D	6	0.21	3000	E 10	10.5	30	9
8001 D	6	0.4	1000	E 10	10.5	30	9
8002 D	6	0.5	1000	E 10	10.5	30	9
8043 D	6.3	0.09	3000	E 10	10.5	30	9
8073 D	6.3	0.1	3000	E 10	10.5	30	9
8006 D	6.3	0.1	1000	E 10	10.5	30	9
8008 D [1]	6.3	0.15	1000	E 10	10.5	30	9
8008 N [2]	6.3	0.15	1000	BA9s	10.5	30	11
8009 D [3]	6.3	0.25	3000	E 10	10.5	30	9
8009 N [4]	6.3	0.25	3000	BA9s	10.5	30	11
8024 D	6.3	0.3	3000	E 10	10,5	30	9
8024 N	6.3	0.3	3000	BA9s	10,5	30	11
8045 D	6.3	0.32	3000	E 10	10.5	30	9
8024 N	6.3	0.32	3000	BA9s	10.5	30	11
8091 D	6.3	0.64	3000	E 10	10.5	30	9
8025 D	6.5	0.45	3000	E 10	10.5	30	9
8025 N	6.5	0.45	3000	BA9s	10.5	30	11
8034 D	10	0.2	3000	E 10	10.5	30	9
8007 D	10	0.2	1000	E 10	10.5	30	9
8089 N	12	0.1	3000	BA9s	11	24	10
8089 D	12	0.1	3000	E 10	11	24	12
8003 D	12	0.1	3000	E 10	10.5	30	9
8004 D	15	0.2	3000	E 10	10.5	30	9
8005 D	18	0.1	3000	E 10	10.5	30	9
8097 D	19	0.097	3000	E 10	10.5	30	9

DIAL LAMPS

A good example of the application of dial lamps is to be found in to-day's radio sets which generally are equipped with two of those lamps. In the manufacture of dial lamps great care is given to the mounting of the filament so that with Philips' dial lamps noise due to the lamps is eliminated.



9 10 11 12

[1]) American equivalent type: No. 40.
[2]) American equivalent type: No. 47.
[3]) American equivalent type: No. 46.
[4]) American equivalent type: No. 44.