



PHILIPS

Philips Lighting B.V.

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Subject: EUROLUZ 30W

Dear Victor,



Looking at above picture, you see that EUROLUZ did copy a part of the PHILIPS TUV packaging layout.

I can inform you that EUROLUZ did not manage to copy the performance of the PHILIPS TUV 30W lamps.

We did put 5 EUROLUZ TUV 30W on a lifetime test. None of the lamps did burn longer than 922 hours. (See table 1)

Please note: we check every day (except for the weekend) whether lamps still do burn. The moment we notice that the lamps do not burn anymore we write down the total number of burning hours. So the total number of burning hours is measured with an accuracy of 24 hours (or 48 hours in the weekend).



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Table 1: Electrical and light technical data of EUROLUZ 30W.

EUROLUZ TUV 30W						
Hours	Lampnr.	UV-C	Maintenac	Vla	Ila	Wla
0	04G0153	10.3	98%	103.6	366	33.0
	04G0154	11.1	99%	106.1	363	33.6
	04G0155	11.1	100%	105.9	363	33.5
	04G0156	11.1	103%	102.7	368	32.8
	04G0157	10.2	97%	104.7	365	33.2
	Average	10.7	99%	104.6	365	33.2
100	04G0153	10.5	100%	103.1	367	32.9
	04G0154	11.2	100%	105.3	364	33.4
	04G0155	11.2	100%	105.0	365	33.5
	04G0156	10.7	100%	102.1	369	32.7
	04G0157	10.5	100%	104.5	365	33.1
	Average	10.8	100%	104.0	366	33.1
2000	04G0153	EOL: 922 burning hours				
	04G0154	EOL: 549 burning hours				
	04G0155	EOL: 922 burning hours				
	04G0156	EOL: 922 burning hours				
	04G0157	EOL: 549 burning hours				
	Average					

At 0 and 100 hours the UV-C output is OK, but 5 % less than PHILIPS TUV 30W. Based upon the 0 en 100 hours measurement, you can conclude that EUROLUZ is applying a pre-coat layer. Knowing that the lamps do not burn longer than 1000 hours, the lifetime performance is comparable with TUV lamps produced in China.

The glass transmission of the glass used by EUROLUZ is measured as well. See graph 1. The measurement is performed on glass-splinters (after a tube is shattered). Because the glass is not flat, we see variations in the transmission measurements. PHILIPS TUV glass has a transmission of 75 – 80 % at 254 nm. The highest transmission measured at the glass EUROLUZ is using is 74.8 % at 254 nm.

I am convinced above information is good enough to convince current users of EUROLUZ, that they should buy PHILIPS

Kind regards,

René Sijben



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Graph 1. Transmission EUROLUZ glass.

