

Special fluorescent lamps

CLEO Performance



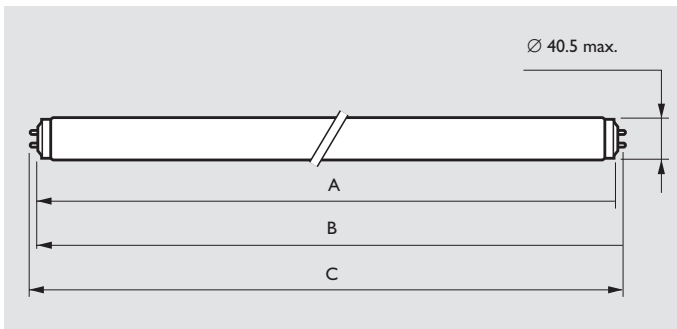
Low pressure mercury vapour fluorescent lamps emitting long wave UV radiation between 310 and 400 nm for suntanning and other applications.
 The UV-B/UV-A ratio is 0.8 % (UV-B: 280-315 nm).
 The UV-B/UV-A ratio is 1.4 % (UV-B: 280-320 nm).
 All CLEO Performance lamps have gold-coloured caps.
 -R (Reflector) lamps have an internal reflector of 200 degs.
 Lamps with a P-code have a pink colour appearance.
 CLEO Performance-S lamps have an UV-B/UV-A ratio of 1 %.

Warning

UV radiation, like solar radiation, can cause eye and skin injury if the appropriate safety measures are not observed. Always follow the manufacturer's instructions carefully when using any tanning product or system.
 When replacing tanning lamps in existing equipment, always adjust the tanning times according to the equipment manufacturer's instructions for the new lamp type.

Application

- Cosmetic tanning.
- Photochemical processes.



Dimensions in mm

Type	A max.	B min.	B max.	C max.
CLEO Performance 40W (-R)	589.8	594.5	596.9	604.0
CLEO Performance (P) 80W (-R)	1500.0	1504.7	1507.1	1514.2
CLEO Performance (P) 100W (-R)	1763.8	1768.5	1770.9	1778.0
CLEO Performance 140W -R	1500.0	1504.7	1507.1	1514.2
CLEO Performance 160W -R	1763.8	1768.5	1770.9	1778.0

Type	Cap/base	Lamp voltage	Lamp current	UV-A ¹⁾	UV-B/UV-A ratio	Erythral Radiation ≤320 nm	Erythral Radiation >320 nm	Useful life	Nett weight	Ordering number	EOC
		V	A	W	%	mW	mW	h	g		
CLEO Performance											
CLEO Performance 40W	G13	49	0.86	8.1	0.8	5	6	500	156	9280 031 20900	628305
CLEO Performance 40W -R	G13	49	0.86	7.6	0.8	4	6	500	156	9280 045 20900	628350
CLEO Performance 80W	G13	110	0.83	24	0.8	14	18	500	360	9280 032 20900	628312
CLEO Performance 80W -R	G13	110	0.83	22	0.8	12	16	500	360	9280 047 20900	628367
CLEO Performance 80W -P	G13	110	0.83	22	0.8	13	17	500	360	9280 033 20900	628329
CLEO Performance 80W -R-P	G13	110	0.83	21	0.8	12	15	500	360	9280 048 20900	628374
CLEO Performance 100W	G13	122	0.97	31	0.8	17	23	500	410	9280 043 20900	628336
CLEO Performance 100W -R	G13	122	0.97	28	0.8	16	20	500	410	9280 057 20900	628381
CLEO Performance 100W -P	G13	122	0.97	29	0.8	16	22	500	410	9280 044 20900	628343
CLEO Performance 100W -R-P	G13	122	0.97	27	0.8	15	20	500	410	9280 058 20900	628398
CLEO Performance 140W -R	G13	118	1.46	34	0.9	25	25	500	360	9280 130 20900	640208
CLEO Performance 160W -R	G13	116	1.61	39	0.9	29	29	500	410	9280 081 20900	636416
CLEO Performance S											
CLEO Performance S 80W	G13	110	0.83	24	1.0	18	18	800	360	9280 032 21900	644251
CLEO Performance S 80W -R	G13	110	0.83	22	1.0	16	16	800	360	9280 047 21900	644237
CLEO Performance S 100W	G13	122	0.97	31	1.0	23	23	800	410	9280 043 21900	644046
CLEO Performance S 100W -R	G13	122	0.97	27	1.0	20	20	800	410	9280 057 21900	644060

¹⁾ At 100 hrs.

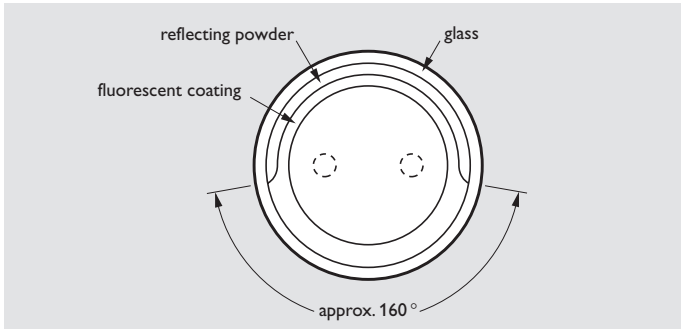
P = Pink version

All CLEO products are measured at 5 hours according to IEC 61228.

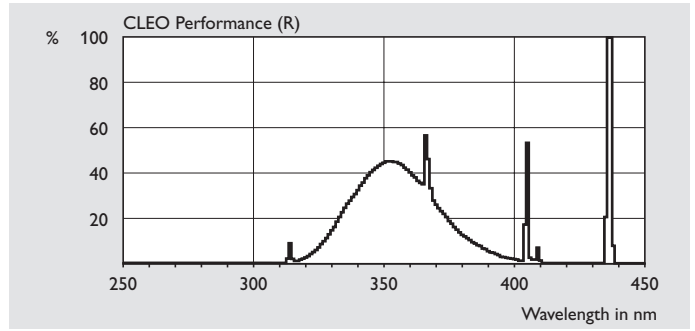


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Cross-section -R version



Spectral power distribution

