

# 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 0.7 % (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.

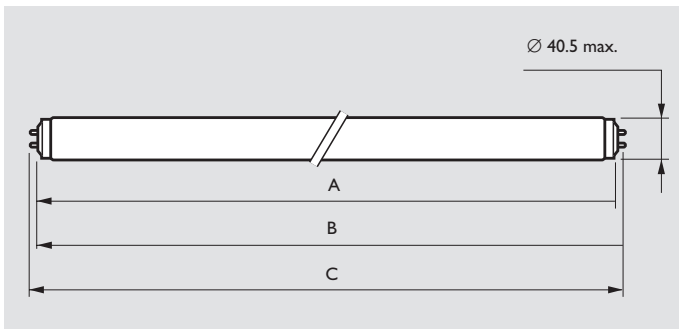
### Warning

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.

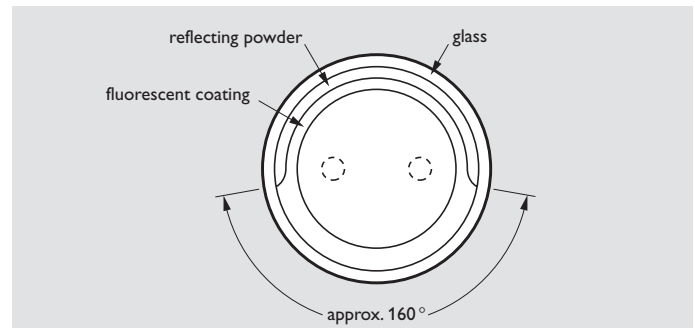
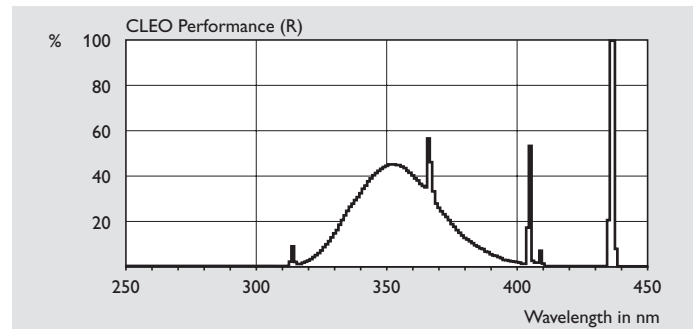
### Application

- 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 V	Lamp current A	UV-A <sup>1)</sup> radiation W	Erythral Radiation ≤320 nm mW	Erythral Radiation >320 nm mW	Depreciation <sup>2)</sup> 500 hrs %	Ordering number
<b>PERFORMANCE</b>								
CLEO PERFORMANCE 40W	G13	49	0.86	7.4	4.04	5.58	10	9280 031 20900
CLEO PERFORMANCE 40W -R	G13	49	0.86	6.5	3.55	4.90	20	9280 045 20900
CLEO PERFORMANCE 80W	G13	110	0.83	21.0	11.47	15.83	10	9280 032 20900
CLEO PERFORMANCE 80W -R	G13	110	0.83	18.5	10.10	13.95	20	9280 047 20900
CLEO PERFORMANCE P 80W	G13	110	0.83	20.0	10.92	15.08	10	9280 033 20900
CLEO PERFORMANCE P 80W -R	G13	110	0.83	18.0	9.83	13.57	20	9280 048 20900
CLEO PERFORMANCE 100W	G13	122	0.97	27.0	14.74	20.36	15	9280 043 20900
CLEO PERFORMANCE 100W -R	G13	122	0.97	25.0	13.65	18.85	20	9280 057 20900
CLEO PERFORMANCE P 100W	G13	122	0.97	26.0	14.20	19.60	15	9280 044 20900
CLEO PERFORMANCE P 100W -R	G13	122	0.97	23.0	12.56	17.34	20	9280 058 20900
CLEO PERFORMANCE 140W -R	G13	118	1.46	30.0	19.00	21.47	15	9280 130 20900
CLEO PERFORMANCE 160W -R	G13	116	1.61	35.0	22.20	25.00	15	9280 081 20900

<sup>1)</sup> At 100 hrs.

<sup>2)</sup> Related to 100 hrs. value



**PHILIPS**

