

Contents.

What you need to know about GLS lamps	1.02
CLASSIC A Standard	1.04
CLASSIC B Candle	1.05
CLASSIC P Fancy Round	1.06
CONCENTRA® SPOT	1.07
CONCENTRA® PAR 38	1.08
CONCENTRA® PAR 38 COLOR	1.08
SPECIAL T / FRIDGE	1.09
SPECIAL LINSTRA®	1.09
CONCENTRA® SPOT luminous intensity distribution	1.10
CONCENTRA® PAR 38 luminous intensity distribution	1.11
Bases	1.12
Spectral power distribution	1.12

All the lamps are rated for the Australia / New Zealand mains voltage of 240 V, unless otherwise indicated.





General lighting service lamps

The classic light bulb.

The classic light bulb is one of Man's most important inventions. Artificial light is produced in a light bulb when electrical current passes through a fine wire, causing it to glow. Around five percent of the electrical energy consumed is converted into light. The rest is released to the surroundings as heat, which makes the light bulb relatively inefficient. Nevertheless the humble light bulb is extremely popular for its pleasant warm light.

Constantly developed and improved.

The first carbon filament lamps achieved a luminous efficacy of only 1.7 lumen per watt. Today, the figure for our standard incandescent lamps in the CLASSIC series is up to seven times as high. Thanks to a special krypton filling in the SUPERLUX® KRYPTON lamp, the luminous efficacy here is even higher. A high-quality coating gives the lamp an elegant look without any glare.

Versatile: special designs.

In addition to the standard OSRAM incandescent lamps manufactured in their millions day after day throughout the world, there is a wide range of lamps in a variety of shapes and sizes for special lighting applications and special requirements. Such as BELLALUX SOFT® for warm glare-free light in a variety of shades. Or the DECOR series with its unusual shapes and colors.

Light and sustainability.

For the lighting industry the move to energy-efficient lighting has always been an evolution rather than a revolution. OSRAM has been promoting energy-efficient alternatives for more than 25 years (compact fluorescent lamps, halogen energy-saving lamps and light emitting diodes (LEDs)) and supporting global initiatives for more efficient lighting. In cooperation with the

European Lamp Companies Federation (ELC), OSRAM has proposed a gradual phasing-out of less efficient light sources, including incandescent lamps.

This initiative prescribes minimum requirements for light sources with Edison and bayonet bases on the basis of the standardized energy efficiency classes (A-G). As a result of this gradual approach the first groups of lamps (the higher wattages) would disappear from the market in 2009. In the transition phase the basic incandescent lamps would remain important products particularly for developing countries.

OSRAM is characterized by its passion for light. This means that we want to offer our customers the best possible light sources for their particular applications. We are well aware that at present incandescent lamps are still the only solution for a large number of applications:

- For applications in which shape and appearance play a major role even when the lamp is not switched on (decorative range, colored lamps).
- For applications in which the lamps have specific uses, such as shockproof lamps, infrared lamps, TV lamps, special lamps for refrigerators, ovens, sewing machines and so on.

Following the Federal Government's decision to ban the inefficient incandescent light bulb in Australia, the good news is that there is a direct replacement to the old-style light bulb. OSRAM is offering a wider choice of energy saving replacements, including the new HALOGEN ENERGY SAVER range, which save up to 30% energy without compromising their familiar look and light. They work with the same dimmers, existing light fittings and they are fully recyclable.

It is important to know that they do not contain any harmful substances, such as mercury. This represents a considerable contribution to sustainability.

Lamps that needn't hide their light.

Artificial light is a major element of interior design – particularly if the lamps are visible. Bulbs can be designed so that they look as good as any attractive luminaire. Take, for example, LINESTRA® CLEAR with its unique linear and transparent design, or DECOR SILVER/GOLD with its silver or gold crown reflector, or CONCENTRA® SPOT reflector lamps with optimized reflector designs for perfect directional light and sharply defined accent lighting.

MANUFACTURER'S LAMP CROSS REFERENCE

Osram

Classic A Shape
B Shape
BW Twisted
P Shape
G Shape
R Shape
PAR38
T Shape/Pygmy

Sylvania

GLS
Candle
Candle Twisted
Ball
Globe
Reflector
PAR 38
Pilot

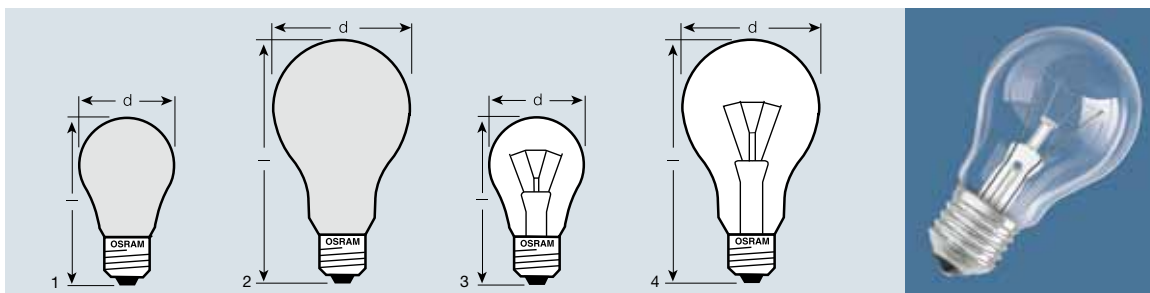
Philips

Standard A-Shape
Candle B-Shape
Candle BW-Shape
Ball P-Shape
Globe G-Shape
SPOTONE R-Shape
SPOTONE PAR 38
Pygmy

GE

A-Shape
B-Shape
F-Shape
G-Shape
G-Shape
R-Shape
PAR 38
S-Shape

CLASSIC A STANDARD

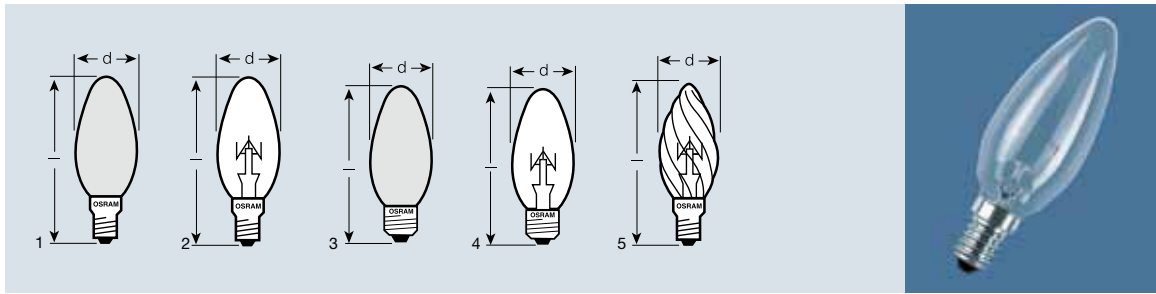


Product reference	Product number	W	V	lm		d [mm]	l [mm]	
CLASSIC A								
Classic A Clear ^{3) 4)}								
CLAS A CL 25	4050300290041	25	240	220	B22D	55	93	10X10X1
CLAS A CL 25	4050300019468	25	240	220	E27	55	97	10X10X1
CLAS A CL 40	4050300285436	40	240	415	B22D	55	93	10X10X1
CLAS A CL 40	4050300023328	40	240	415	E27	55	97	10X10X1
CLAS A CL 40 Longlife	4050300189819	40	240	415	B22D	55	93	10X10X1
CLAS A CL 60	4050300285450	60	240	710	B22D	55	93	10X10X1
CLAS A CL 60	4050300023342	60	240	710	E27	55	97	10X10X1
CLAS A CL 60 Longlife	4050300189826	60	240	710	B22D	55	93	10X10X1
CLAS A CL 75	4050300131627	75	240	935	B22D	55	93	10X10X1
CLAS A CL 75	4050300114200	75	240	935	E27	55	97	10X10X1
CLAS A CL 75 Longlife	4050300189833	75	240	935	B22D	55	93	10X10X1
CLAS A CL 100	4050300285474	100	240	1340	B22D	55	97	10X10X1
CLAS A CL 100	4050300023366	100	240	1340	E27	55	97	10X10X1
CLAS A CL 100 Longlife	4050300189840	100	240	1340	B22D	55	93	10X10X1
CLAS A CL 150	4050300035932	150	240	2160	E27	65	123	20X1
CLAS A CL 200	40503000902425	200	240	3040	B22D	80	160	20X1
CLAS A CL 200	4050300200781	200	240	3040	E27	80	160	20X1
Classic A Frosted ^{1) 2)}								
CLAS A FR 25	4050300285412	25	240	220	B22D	55	93	10X10X1
CLAS A FR 25	4050300016009	25	240	220	E27	55	97	10X10X1
CLAS A FR 40	4050300285276	40	240	415	B22D	55	93	10X10X1
CLAS A FR 40	4050300023335	40	240	415	E27	55	97	10X10X1
CLAS A FR 40 Longlife	4050300136202	40	240	415	B22D	55	93	10X10X1
CLAS A FR 40 Longlife	4050300189932	40	240	415	E27	55	97	10X10X1
CLAS A FR 60	4050300200538	60	240	710	B22D	55	93	10X10X1
CLAS A FR 60	4050300023359	60	240	710	E27	55	97	10X10X1
CLAS A FR 60 Longlife	4050300136219	60	240	710	B22D	55	93	10X10X1
CLAS A FR 60 Longlife	4050300189949	60	240	710	E27	55	97	10X10X1
CLAS A FR 75	4050300285559	75	240	935	B22D	55	93	10X10X1
CLAS A FR 75	4050300016023	75	240	935	E27	55	97	10X10X1
CLAS A FR 75 Longlife	4050300189871	75	240	935	B22D	55	93	10X10X1
CLAS A FR 75 Longlife	4050300189956	75	240	935	E27	55	97	10X10X1
CLAS A FR 100	4050300200682	100	240	1340	B22D	55	93	10X10X1
CLAS A FR 100	4050300023373	100	240	1340	E27	55	97	10X10X1
CLAS A FR 100 Longlife	4050300136226	100	240	1340	B22D	55	93	10X10X1
CLAS A FR 100 Longlife	4050300189963	100	240	1340	E27	55	97	10X10X1
CLAS A FR 150	4050300035925	150	240	2160	B22D	65	123	20X1
CLAS A FR 200	4050300580074	200	240	3040	B22D	80	160	20X1

Special note: availability in Australia is subject to Government legislation regarding the phase out of inefficient GLS lamps.

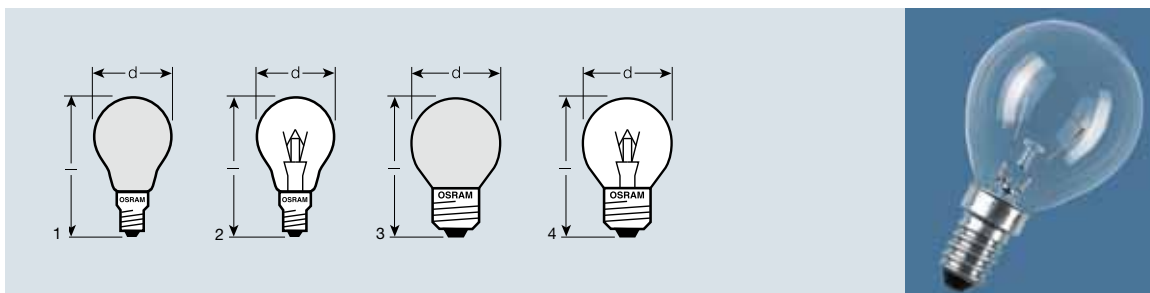


CLASSIC B CANDLE



Product reference	Product number	W	V	lm		d [mm]	l [mm]	
CLASSIC B								
Classic B Clear ^{2) 4)}								
CLAS B CL 25	4050300 032900	25	240V	B15D	35	100	10X10X1	
CLAS B CL 25	4050300 189291	25	240V	B15D	35	100	10XB LI2	
CLAS B CL 25	4050300 032948	25	240V	B22D	35	95	10X10X1	
CLAS B CL 25	4050300 032962	25	240V	B22D	35	95	10XB LI2	
CLAS B CL 25	4050300 033020	25	240V	E14	35	100	10X10X1	
CLAS B CL 25	4050300 548890	25	240V	E27	35	95	10X10X1	
CLAS B CL 40	4050300 033082	40	240V	B15D	35	103	10X10X1	
CLAS B CL 40	4050300 164229	40	240V	B15D	35	103	10XB LI2	
CLAS B CL 40	4050300 033143	40	240V	B22D	35	95	10X10X1	
CLAS B CL 40	4050300 149882	40	240V	B22D	35	95	10XB LI2	
CLAS B CL 40	4050300 033471	40	240V	E14	35	100	10X10X1	
CLAS B CL 40	4050300 549118	40	240V	E27	35	95	10X10X1	
CLAS B CL 60	4050300 033570	60	240V	B15D	35	103	10X10X1	
CLAS B CL 60	4050300 033594	60	240V	B22D	35	95	10X10X1	
CLAS B CL 60	4050300 328980	60	240V	E14	35	100	10X10X1	
CLAS B CL 60	4050300 549316	60	240V	E27	35	95	10X10X1	
Classic B Frosted ^{1) 3)}								
CLAS B FR 25	4050300 549934	25	240V	B15D	35	100	10X10X1	
CLAS B FR 25	4050300 189413	25	240V	B15D	35	100	10XB LI2	
CLAS B FR 25	4050300 552217	25	240V	B22D	35	95	10X10X1	
CLAS B FR 25	4050300 189390	25	240V	B22D	35	95	10XB LI2	
CLAS B FR 25	4050300 111179	25	240V	E14	35	100	10X10X1	
CLAS B FR 25	4050300 549798	25	240V	E27	35	95	10X10X1	
CLAS B FR 40	4050300 550114	40	240V	B15D	35	103	10X10X1	
CLAS B FR 40	4050300 189451	40	240V	B15D	35	103	10XB LI2	
CLAS B FR 40	4050300 545301	40	240V	B22D	35	95	10X10X1	
CLAS B FR 40	4050300 189437	40	240V	B22D	35	95	10XB LI2	
CLAS B FR 40	4050300 111186	40	240V	E14	35	100	10X10X1	
CLAS B FR 40	4050300 552309	40	240V	E27	35	95	10X10X1	
CLAS B FR 60	4050300 550336	60	240V	B15D	35	103	10X10X1	
CLAS B FR 60	4050300 550275	60	240V	B22D	35	95	10X10X1	
CLAS B FR 60	4050300 329017	60	240V	E14	35	100	10X10X1	
CLAS B FR 60	4050300 552231	60	240V	E27	35	95	10X10X1	
Classic BW Clear - Twisted Candle ⁵⁾								
CLAS BW CL 25	4050300 095370	25	240V	E14	35	100	10X10X1	

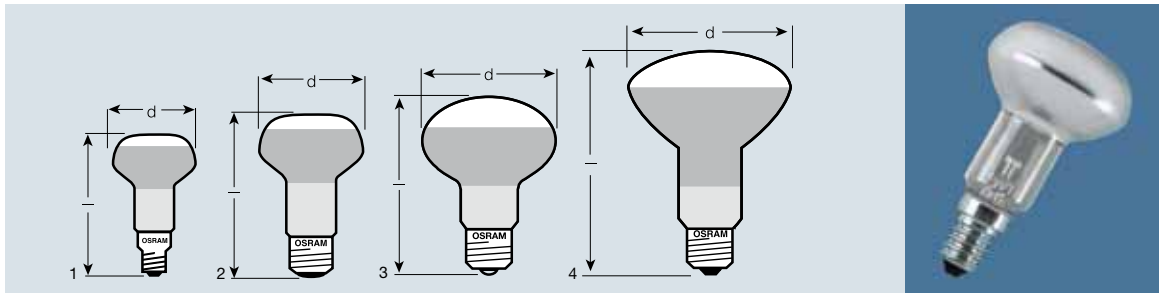
CLASSIC P FANCY ROUND



Product reference	Product number	W	V	lm		d [mm]	l [mm]	
CLASSIC P								
Classic P Clear ^{2) 4)}								
CLAS P CL 25	4050300 551319	25	240V	B15D	45	75	10X10X1	
CLAS P CL 25	4050300 551074	25	240V	B22D	45	71	10X10X1	
CLAS P CL 25	4050300 189611	25	240V	B22D	45	71	10XB LI2	
CLAS P CL 25	4050300 331911	25	240V	E14	45	78	10X10X1	
CLAS P CL 25	4050300 111032	25	240V	E27	45	73	10X10X1	
CLAS P CL 40	4050300 551715	40	240V	B15D	45	75	10X10X1	
CLAS P CL 40	4050300 134765	40	240V	B15D	45	75	10XB LI2	
CLAS P CL 40	4050300 187846	40	240V	B22D	45	71	10X10X1	
CLAS P CL 40	4050300 164267	40	240V	B22D	45	71	10XB LI2	
CLAS P CL 40	4050300 331942	40	240V	E14	45	78	10X10X1	
CLAS P CL 40	4050300 111049	40	240V	E27	45	73	10X10X1	
CLAS P CL 60	4050300 552118	60	240V	B15D	45	75	10X10X1	
CLAS P CL 60	4050300 187815	60	240V	B22D	45	71	10X10X1	
CLAS P CL 60	4050300 095400	60	240V	E14	45	78	10X10X1	
CLAS P CL 60	4050300 095479	60	240V	E27	45	73	10X10X1	
Classic P Frosted ^{1) 3)}								
CLAS P FR 25	4050300 551333	25	240V	B15D	45	75	10X10X1	
CLAS P FR 25	4050300 551098	25	240V	B22D	45	71	10X10X1	
CLAS P FR 25	4050300 189550	25	240V	B22D	45	71	10XB LI2	
CLAS P FR 25	4050300 339061	25	240V	E14	45	78	10X10X1	
CLAS P FR 25	4050300 111230	25	240V	E27	45	73	10X10X1	
CLAS P FR 40	4050300 551739	40	240V	B15D	45	75	10X10X1	
CLAS P FR 40	4050300 190808	40	240V	B15D	45	75	10XB LI2	
CLAS P FR 40	4050300 545325	40	240V	B22D	45	71	10X10X1	
CLAS P FR 40	4050300 189536	40	240V	B22D	45	71	10XB LI2	
CLAS P FR 40	4050300 339139	40	240V	E14	45	78	10X10X1	
CLAS P FR 40	4050300 111025	40	240V	E27	45	73	10X10X1	
CLAS P FR 60	4050300 552132	60	240V	B15D	45	75	10X10X1	
CLAS P FR 60	4050300 551937	60	240V	B22D	45	71	10X10X1	
CLAS P FR 60	4050300 095455	60	240V	E14	45	78	10X10X1	
CLAS P FR 60	4050300 095493	60	240V	E27	45	73	10X10X1	



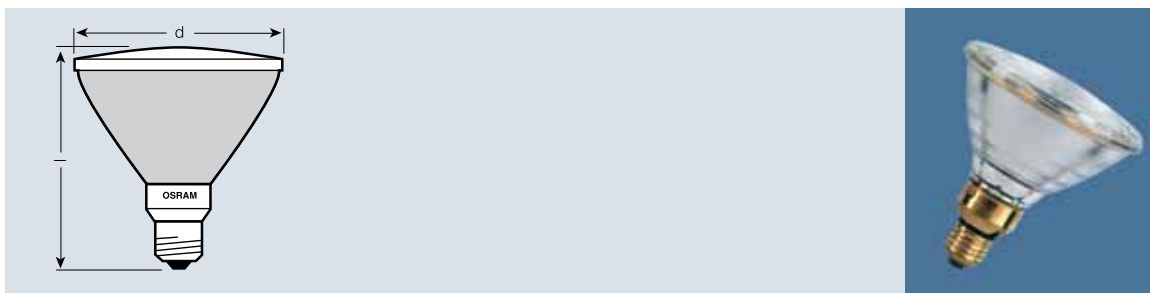
CONCENTRA® SPOT



Product reference	Product number	W	V	cd		d [mm]	l [mm]		
CONCENTRA® SPOT R50 ¹⁾									
CONC R50 SP 25	4050300168210	25	240V	210	E14	50	85	10XB12	
CONC R50 SP 40	4050300302263	40	240V	430	E14	50	85	5X5X1	
CONCENTRA® SPOT R63 ²⁾									
CONC R63 SP 40	4050300023397	40	240V	430	E27	63	103	5X5X1	
CONC R63 SP 60	4050300023380	60	240V	960	E27	63	104	5X5X1	
CONCENTRA® SPOT R80 ³⁾									
CONC R80 40	4050300066042	40	240V	150	E27	80	114	25X1	
CONC R80 60	4050300066059	60	240V	260	E27	80	114	25X1	
CONC R80 75	4050300066066	75	240V	345	E27	80	114	25X1	
CONC R80 100	4050300066073	100	240V	500	E27	80	114	25X1	
CONCENTRA® SPOT R95 ⁴⁾									
CONC R95 75	4050300023427	75	240V	1000	E27	95	140	12X1	
CONC R95 100	4050300163758	100	240V	1350	E27	95	140	12X1	

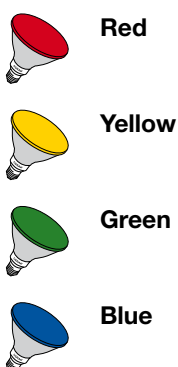
CONCENTRA® PAR 38

CONCENTRA® PAR 38 COLOR



Product reference	Product number	W	V	cd		d [mm]	l [mm]	
CONCENTRA® PAR 38								
PAR 38 FLOOD								
CONC PAR 38 FL 80	4050300236575	80	240V	1800	E27	122	136	12X1
CONC PAR 38 FL 120	4050300236636	120	240V	3100	E27	122	136	12X1
CONC PAR 38 FL 150	4050300795430	150	240V	4100	E27	122	136	12X1
PAR 38 SPOT								
CONC PAR 38 SP 80	4050300236544	80	240V	5400	E27	122	136	12X1
CONC PAR 38 SP 120	4050300236605	120	240V	9300	E27	122	136	12X1

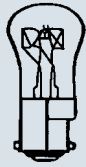
Product reference	Product number	W			d [mm]	l [mm]	
CONCENTRA® PAR 38 COLOR							
PAR 38 FLOOD		The colored coatings do not contain cadmium.					
CONC PAR 38 FL RED 80	4050300007656	80	30	E27	122	136	123 12
CONC PAR 38 FL YELLOW 80	4050300007663	80	30	E27	122	136	123 12
CONC PAR 38 FL GREEN 80	4050300007670	80	30	E27	122	136	123 12
CONC PAR 38 FL BLUE 80	4050300007687	80	30	E27	122	136	123 12



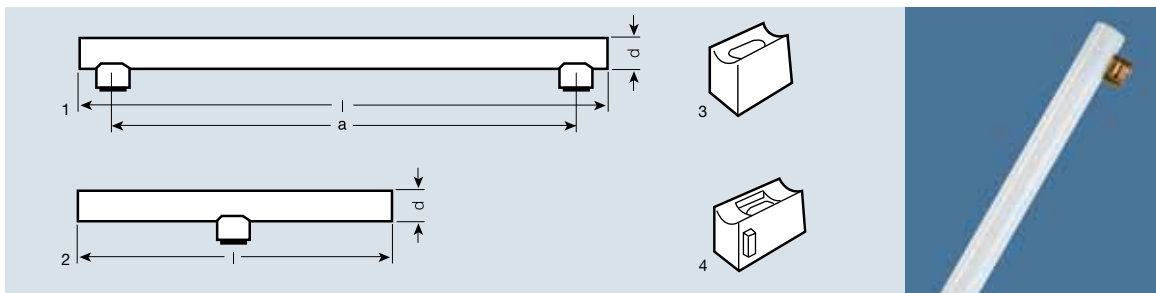
OSRAM CONCENTRA® PAR 38 is available with either a 12° or 30° beam angle. It lasts twice as long as conventional incandescent reflector lamps and is characterized by its particularly rugged construction.



SPECIAL T / FRIDGE SPECIAL LINESTRA®



Product reference	Product number	W	V	lm					
SPECIAL Pygmy T/FRIDGE LAMPS - CLEAR									
SPECIAL PYGMY CL 15	4050300 460727	15	240	100	B22D	28	60	10X10X1	
SPECIAL PYGMY CL 15	4050300 460765	15	240	190	B15D	26	57	50X1	
SPECIAL PYGMY CL 15	4050300 198156	15	240	100	E14	28	67	50X1	
SPECIAL PYGMY CL 25	4050300 461304	25	240	190	B15D	26	57	10X10X1	
SPECIAL PYGMY CL 25	4050300 197159	25	240	190	E14	26	57	10X10X1	

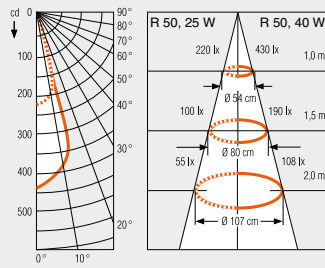


Product reference	Product number	W	lm						
SPECIAL LINESTRA®									
silicated									
SPC.LIN1603 SIL 35	4050300 202051	35	270	S14S	30	300	242	25X1	1
SPC.LIN1604 SIL 60	4050300 282084	60	420	S14S	30	500	442	25X1	1
SPC.LIN284 SIL 60	4050300 090504	60	450	S14S	26	286	-	25X1	1

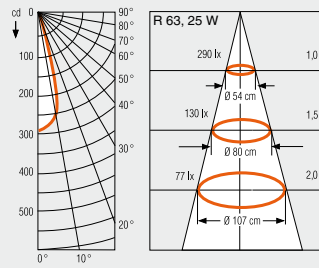
Product reference	Product number	COLOR					
SPECIAL LINESTRA® holders							
662 LAMP HOLDER	4050300 012742	GREY	59	34	100	46	10 x 10
670 LAMP HOLDER	4050300 018638	GREY	82	34	100	46	10 x 10

CONCENTRA® SPOT

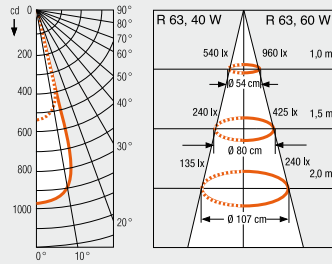
Luminous intensity distribution in cd and illuminance in lx



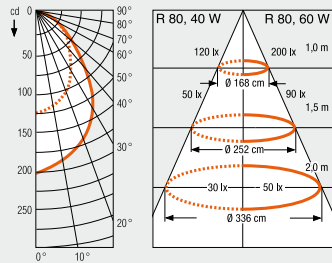
CONCENTRA® SPOT R 50, 30°, 25 W and 40 W



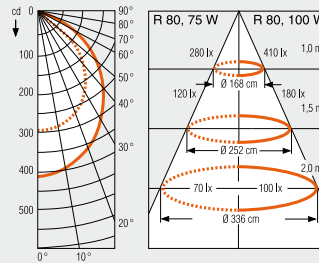
CONCENTRA® SPOT R 63, 30°, 25 W



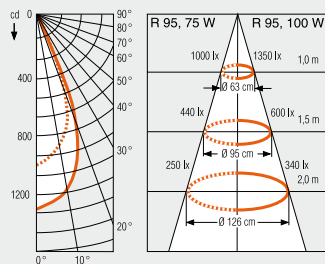
CONCENTRA® SPOT R 63, 30°, 40 W and 60 W



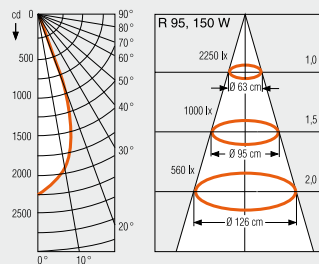
CONCENTRA® SPOT R 80, 80°, 40 W and 60 W



CONCENTRA® SPOT R 80, 80°, 75 W and 100 W



CONCENTRA® SPOT R 95, 35°, 75 W and 100 W

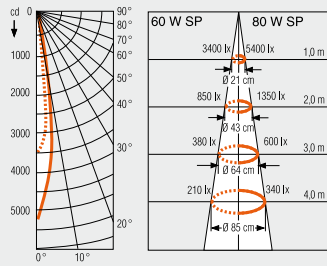


CONCENTRA® SPOT R 95, 35°, 150 W

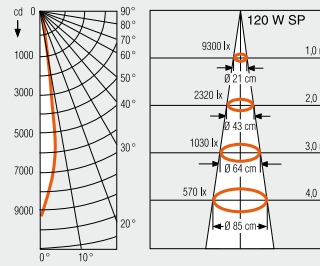


CONCENTRA® PAR 38

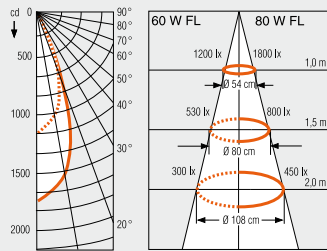
Luminous intensity distribution in cd and illuminance in lx



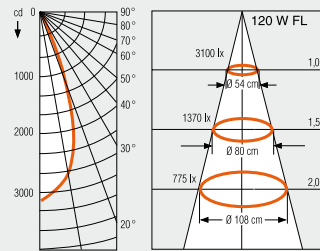
PAR 38 Spot, 12°, 60 W and 80 W SP



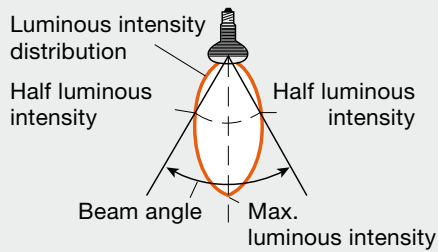
PAR 38 Spot, 12°, 120 W SP



PAR 38 Flood, 30°, 60 W and 80 W FL



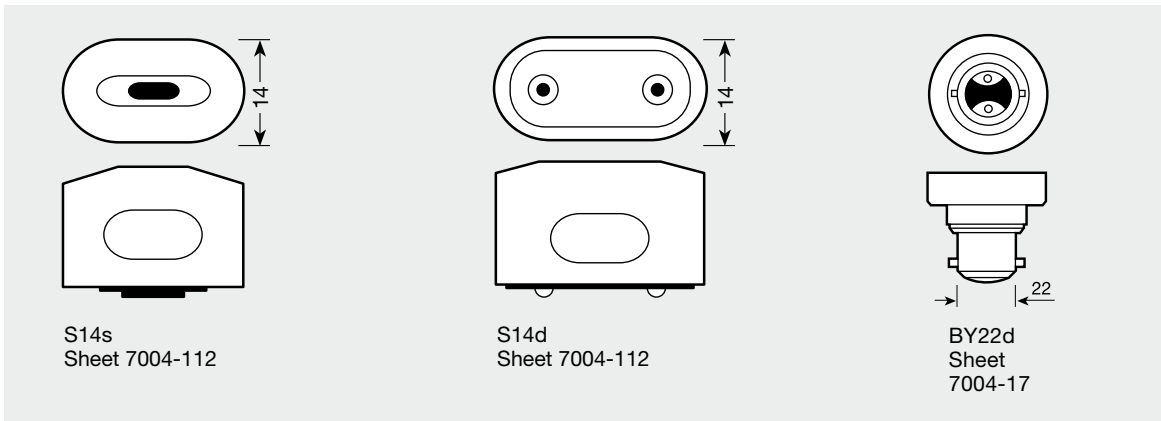
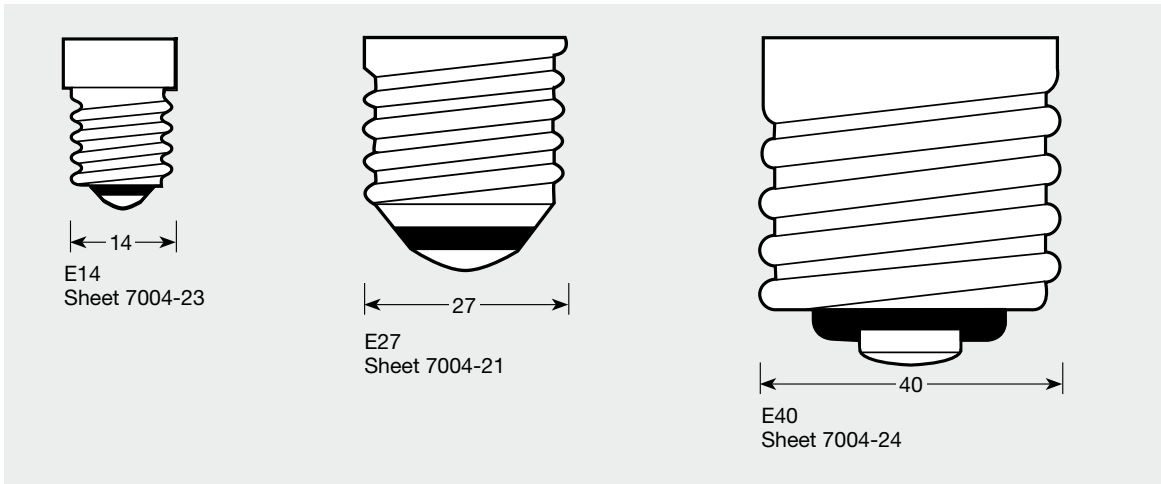
PAR 38 Flood, 30°, 120 W FL



The beam angle for axially symmetrical light distribution is the angle through the points where the luminous intensity is half of its maximum value.

The illuminances shown in lx are maximum values. They decrease to about half the maximum value at the perimeter.

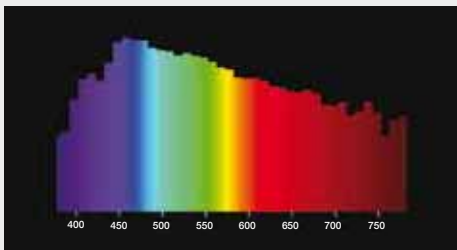
Bases IEC/EN 60061-1



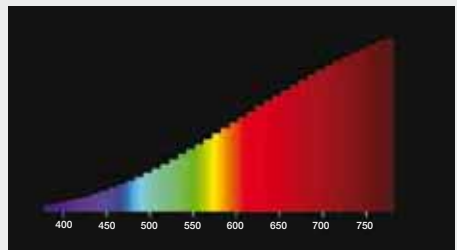
Spectral power distribution

Spectral power distribution

Visible range from 380 to 780 nm, relative spectral emission per 10 nm.



Daylight (D 65)



Incandescent light

Note: These chromaticity diagrams do not show the color distributions in great detail. The color printing process is not able to provide an accurate match between the colors shown and the colors defined for the individual color locations.