

Dental curing



EFR/B



I3165

Features

1. Optimised for maximum output in the 400-500 nm wavelength range.
2. Dichroic or blue reflectors.

Benefits

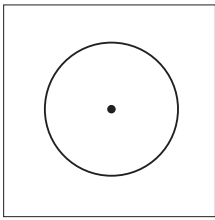
1. Dental filling materials are sensitive to this wavelength.
2. Blue reflectors reflect less unwanted, visible light above 700 nm.



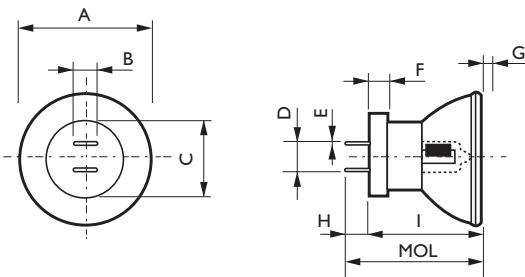
I3865



I2037

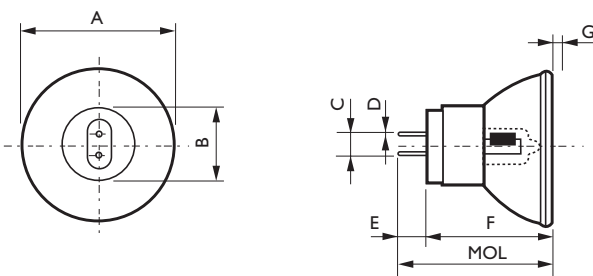


Burning position



Type	MOL	A	B	C	D	E	F	G max	H	I
I3865	35	24.7+/-0.3	-	-	-	-	-	-	-	-
I2037	37	34.7+/-0.3	4,8	20,5	5	0,5	5	3	6,5+/-1	28

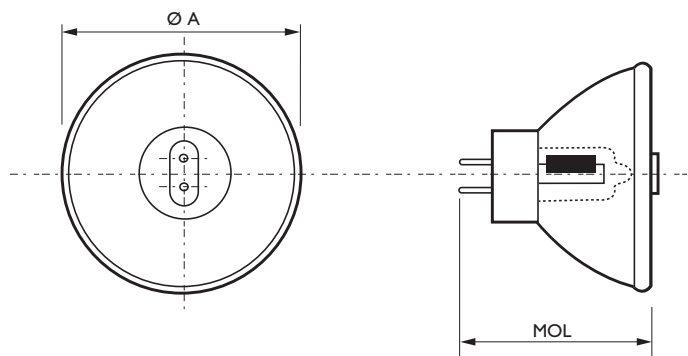
Dimension in mm



Type	MOL	A	B	C	D	E min.	max	F	G max
I3390	32	24.7+/- 0.3	16	4	0,7	6	-	24.5 +/- 0.4	1
I3294/99	42	24.7+/- 0.3	16	4	1	6	11,5	27.5 +/- 0.55	3
I3165	40	24.7+/- 0.3	16	4	1	6	11,5	27.5 +/- 0.55	3
I3298	36	24.7+/- 0.3	16	4	1	6	11,5	27.5 +/- 0.55	3
I4553	40	24.7+/- 0.3	16	4	1	6	11,5	27.5 +/- 0.55	3
I4552	40	24.7+/- 0.3	16	4	1	6	11,5	27.5 +/- 0.55	3
I4647	40	24.7+/- 0.3	16	4	1	6	11,5	-	3

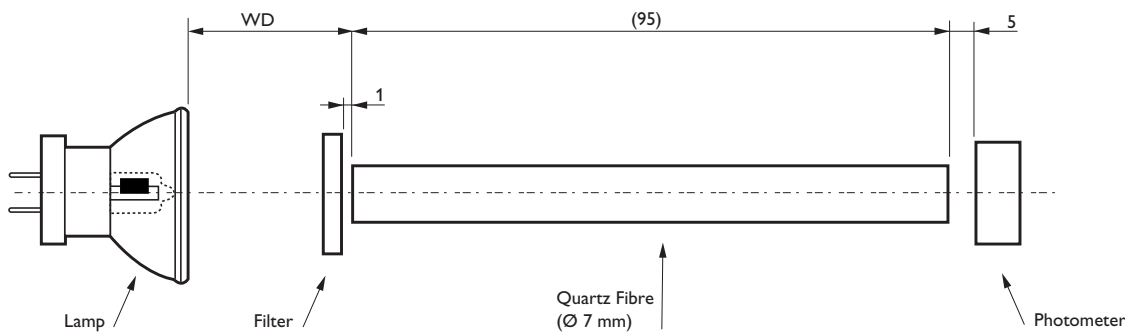
Dimension in mm

Dental curing



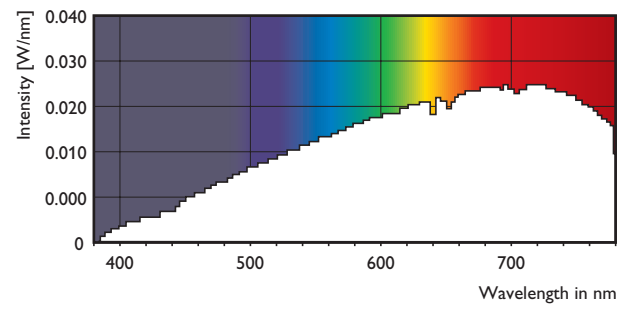
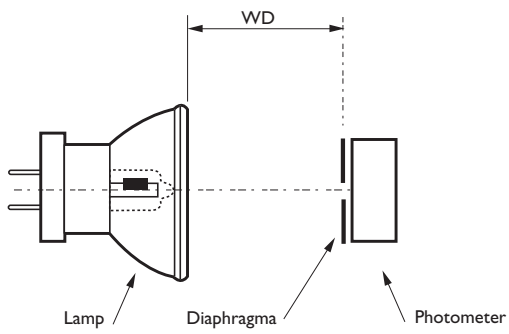
Type	MOL max.	A min.	A max.
EFR/B	42	49.4	50.0

Dimension in mm



Type	Working distance (WD)	
	JCR/M 14V 35 W	26,5mm
	JCR/M 12V 50 W	26,5mm
	JCR/M 12V 75 W /SD	26,5mm
I2037	JCR/M 12V/100W/SD	26,5mm
EFR/B	JCR 15V 150W/WSB	32mm
	JMR 12V 75 W /3	26,5mm

Dimension in mm



Spectral power distribution

Type	Working distance (WD)	Diaphragm
I3390	34	7
I3294/99	26	5
I3165	21	7
I3298	26	7
I4553	21	7
I4552	26	7
I3865	25	8
I4647	26	7

Dimension in mm

Dental curing

Type	ANSI code	J code	Lamp wattage	Lamp voltage	Cap/base	Lamp life	Reflector diameter	Reflector surface
I3390			22W	8V	G4	50h	35mm	smooth
I3294/99			35W	6V	GZ4	35h	35mm	smooth
I3165			35W	14V	GZ4	50h	35mm	smooth
		JCR/M 14V 35W	35W	14V	GZ4	50h	35mm	smooth
		JCR/M 12V 50W	50W	12V	GZ4	50h	35mm	smooth
I3298			52W	10V	GZ4	25h	35mm	smooth
I4553			52W	10V	GZ4	25h	35mm	smooth
I4552			75W	12V	GZ4	50h	35mm	smooth
		JCR/M 12V 75W/SD	75W	12V	G5.3/4.8	50h	35mm	smooth
		JMR 12V 75W/3	75W	12V	G5.3/4.8	50h	35mm	smooth
I3865			75W	12V	G5.3/4.8	50h	35mm	smooth
I4647			86(100)W	12(13)V	GZ4	40 (15)h	35mm	smooth
I2037		JCR/M 12V/100W/SD	100W	12V	G5.3/4.8	25h	35mm	smooth
	EFR/B	JCR 15V 150W/SB	150W	15V	GZ6.35	50h	50mm	smooth

Type	ANSI code	J code	Burning position	Curing power 330-490nm mW/cm²	Curing power 400-500nm mW/cm²	Max. permissible pinch temp.	Max. permissible bulb temp.	Ordering number
I3390			ANY		105	400 degr: C	900 degr: C	9240 429 14503
I3294/99			ANY		120	400 degr: C	900 degr: C	9239 855 10100
I3165			ANY		160	400 degr: C	900 degr: C	9238 890 18300
		JCR/M 14V 35W	ANY	40		400 degr: C	900 degr: C	9248 135 18300
		JCR/M 12V 50W	ANY	60		400 degr: C	900 degr: C	9248 131 17100
I3298			ANY		330	400 degr: C	900 degr: C	9240 089 15800
I4553			ANY		420	400 degr: C	900 degr: C	9240 433 15800
I4552			ANY		400	400 degr: C	900 degr: C	9240 432 17100
		JCR/M 12V 75W/SD	ANY	84		400 degr: C	900 degr: C	9248 134 17100
		JMR 12V 75W/3	ANY	140		400 degr: C	900 degr: C	9249 128 17100
I3865			ANY		480	400 degr: C	900 degr: C	9240 100 17100
I4647			ANY		380 (500)	400 degr: C	900 degr: C	9240 537 17103
I2037		JCR/M 12V/100W/SD	ANY	119		400 degr: C	900 degr: C	9248 126 17100
	EFR/B	JCR 15V 150W/SB	ANY			400 degr: C	900 degr: C	9248 004 18500