

# High Intensity Discharge Lamps

## High Pressure Sodium Lamps

Lamp Watts	Bulb	Base	Product		Ordering Code	ANSI Code/ Ballast Ref.	Pkg. Qty.	Description (Operating Position—Universal, unless otherwise indicated)	LCL (In.)	MOL (In.)	Rated Avg. Life, Hrs. (351)	Approximate Lumens, (352)		CCT (K)	
			Number	Symbols, Footnotes								Initial	Mean(353)		CRI
<b>35</b>	BF-55	Med.	30632-4	★	<b>C35S76/M</b>	S76	12	G (360, 373, 376)	3 7/8	5 7/8	24,000+	2250	2025	21	2100
			30633-2	★	<b>C35S76/ D/M</b>	S76	12	G (360, 373, 376)	—	5 7/8	24,000+	2150	1935	21	2100
<b>50</b>	BF-55	Med.	30336-2	★	<b>C50S68/M</b>	S68	12	G (360, 373, 376)	3 7/8	5 7/8	24,000+	4000	3600	21	2100
			30337-0	★	<b>C50S68/ D/M</b>	S68	12	G (360, 373, 376)	—	5 7/8	24,000+	3800	3420	21	2100
	ED-23 1/2	Mog.	36867-0	★	<b>C50S68/ ALTO</b>	S68	12	G, S (360, 373, 376)	5	7 3/4	24,000+	4000	3600	21	2100
			33154-6	★	<b>C50S68/ D/ALTO</b>	S68	12	G, S (360, 373, 376)	—	7 3/4	24,000+	3800	3420	21	2100
<b>70</b>	BD-17	Med.	33192-6	★	<b>C70S62/M</b>	S62	12	G (360, 373, 376)	3 7/8	5 7/8	24,000+	6300	5850	21	2100
			33214-8	★	<b>C70S62/D/M</b>	S62	12	G (360, 373, 376)	—	5 7/8	24,000+	5860	5270	21	2100
	ED-23 1/2	Mog.	36869-6	★	<b>C70S62/ ALTO</b>	S62	12	G, S (360, 373, 376)	5	7 3/4	24,000+	6500	5670	21	2100
			PAR-38	Med.	30620-9	▼★	<b>C70S62 /RFL</b>	S62	12	G, VW, 50 (360, 373) 125° Beam	—	5 13/16	16,000	5000	3960
<b>100</b>	BD-17	Med.	34446-5	★	<b>C100S54/M</b>	S54S	12	G (360, 373, 376)	3 7/8	5 7/8	24,000+	9500	8550	21	2100
			34448-1	★	<b>C100S54/ D/M</b>	S54S	12	G (360, 373, 376)	—	5 7/8	24,000+	8800	7920	21	2100
	ED-23 1/2	Mog.	36872-0	★	<b>C100S54/ ALTO</b>	S54	12	G, S (360, 373, 376)	5	7 3/4	24,000+	9400	8460	21	2100
			33227-0	★	<b>C100S54/ D/ALTO</b>	S54	12	G, S (360, 373, 376)	—	7 3/4	24,000+	8610	7750	21	2100
<b>150</b>	BD-17	Med.	30347-9	★	<b>C150S55/M</b>	S55	12	G (360, 373, 376)	3 7/8	5 7/8	24,000+	16,000	14,400	21	2100
			30348-7	★	<b>C150S55/ D/M</b>	S55	12	G (360, 373, 376)	—	5 7/8	24,000+	15,000	13,500	21	2100
	ED-23 1/2	Mog.	36874-6	★	<b>C150S55/ ALTO</b>	S55	12	G, S (360, 370, 373, 376)	5	7 3/4	24,000+	15,800	14,220	21	2100
			ED-28	Mog.	36876-1	★	<b>C150S56/ ALTO</b>	S56	12	G, S (360, 370, 373, 376)	5	8 15/16	24,000+	15,000	13,950
<b>200</b>	ED-18	Mog.	36877-9	★	<b>C200S66/ ALTO</b>	S66MN-200	12	G, S (360, 373, 376)	5 3/4	9 3/4	24,000+	21,400	19,260	21	2100
<b>225</b>	ED-18	Mog.	32291-7	★	<b>C225S50/ EW</b>	S50	12	EW, G, S (360, 373, 376)	5 3/4	9 3/4	24,000+	27,300	24,620	21	2100
<b>250</b>	ED-18	Mog.	36879-5	★	<b>C250S50/ ALTO</b>	S50	12	G, S (360, 373, 376)	5 3/4	9 3/4	24,000+	27,000	24,300	21	2100
<b>360</b>	ED-18	Mog.	32292-5	★	<b>C360S51/ EW</b>	S51	12	EW, G, S (360, 373, 376)	5 3/4	9 3/4	24,000+	46,000	41,450	21	2100
<b>400</b>	ED-18	Mog.	36881-1	★	<b>C400S51/ ALTO</b>	S51	12	G, S (360, 373, 376)	5 3/4	9 3/4	24,000+	50,000	45,000	21	2100
<b>600</b>	T-14	Mog.	23982-2	■ ★	<b>C600S106</b>	S106	12	G (360, 373, 376)	6 7/8	11 7/8	24,000+	90,000	81,000	21	2100
			ED-25	Mog.	36883-7	■ ★	<b>C1000S52/ ALTO</b>	S52XB-1000	6	G, S (359, 360, 362, 373, 376)	8 3/4	15 1/8	24,000	140,000	126,000
ED-37	Mog.	32386-5			■ ★	<b>C1000S52/ ED37</b>	S52	6	G, S (360, 373, 376)	7	11 1/2	24,000	125,000	112,000	21

For the most current product information, go to the e-catalog on [www.philips.com](http://www.philips.com)

HID symbols and footnotes located on page 104

■ This product utilizes ALTO® Lamp Technology