

High Intensity Discharge Lamps

Mercury Vapor Lamps

Lamp Watts	Bulb	Base	Product		Ordering Code	ANSI Code/ Ballast Ref.	Pkg.* Qty.	Description (Operating Position—Universal, unless otherwise indicated) (401)	LCL (In.)	MOL (In.)	Rated Avg. Life, Hrs.		Approximate Lumens, (352)		CCT (K)
			Number	Symbols, Footnotes							(351)	Initial	Mean(353)	CRI	

Low Pressure Sodium Lamps—SOX

► For Warnings, Cautions and Operating Instructions, see page 112

18	T-17	D.C. Bay	23404-7	□	SOX-E18	L69	12	Clear Base Up ± 110°	5 ½	8 ½	18,000	1800	1620	—	1700
35	T-17	D.C. Bay	32781-7		SOX35	L70	12	Clear Base Up ± 110°	—	12 ¾	18,000	4550	4095	—	1700
55	T-17	D.C. Bay	32151-3		SOX55	L71	12	Clear Base Up ± 110°	9 ½	16 ¾	18,000	7800	7800	—	1700
90	T-21	D.C. Bay	32152-1		SOX90	L72	12	Clear Hor. ± 20°	—	20 ¾	18,000	14,300	12,155	—	1700
135	T-21	D.C. Bay	32153-9		SOX135	L73	12	Clear Hor. ± 20°	—	30 ¾	18,000	22,600	19,210	—	1700
180	T-21	D.C. Bay	15116-7		SOX180	L74	6	Clear Hor. ± 20°	—	44 ¾	18,000	32,000	22,400	—	1700

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Lifeguard lamps with Weather Duty® bulbs, except as noted. Lamps may be operated in any position.

Explanation of suffix in ordering code

(no suffix = clear, non-phosphor coated):

/DX Deluxe White

/M Medium Base

WARNING: "These lamps can cause serious skin burn and eye inflammation from shortwave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions are used. Certain lamps that will automatically extinguish when the outer envelope is broken or punctured are commercially available." See Safety Lifeguard Mercury Vapor Lamps for those applications where the lamps are to be used in luminaires to light areas where activities are conducted that can result in the outer envelope being broken or punctured and where prolonged exposure of a population confined to the area can occur.

Descriptive symbols for Mercury Vapor Lamps:

B Black Light
 FF Frosted Face
 G General Lighting
 K Kleen-Beam
 RF Reflector Flood
 SR Semi Reflector
 S Street Lighting
 VV Very Wide
 W Wide

► For Warnings, Cautions and Operating Instructions, see page 112

Lamp Watts	Bulb	Base	Product		Ordering Code (363)	ANSI Code	Pkg.* Qty.	Description	LCL (In.)	MOL (In.)	Rated Avg. Life, Hrs.		Approximate Lumens, (352)		CCT (K)
			Number	Symbols, Footnotes							(351)	Initial	Mean(353)	CRI	
50	BD-17 Med.		35664-2	★	H46DL-40-50/DX	H46	12	G, (379, 384)	—	5 ½	24,000+	1580	1260	45	3200
75	BD-17 Med.		27524-8	★	H43AV-75/DX	H43	12	G, S, (379)	—	5 ¾	24,000+	2800	2250	45	3200
100	A-23 Med.		35658-4	★	H38MP-100/DX	H38	24	G, (379)	—	5 ¾	24,000+	4300	3700	45	3700
	ED-23 ½ Mog.		33712-1	X★	H38HT-100	H38	12	G, S, B (355)	5	7 ½	24,000+	4100	3450	20	7000
			33713-9	★	H38JA-100/DX	H38	12	G, S (379)	—	7 ½	24,000+	4400	3400	45	3700
	R-40 Med.		31947-5	★	H38BP-100/DX	H38	12	RF, FF, VV (379) 145° Beam	—	7 ½	24,000+	3300	2300	45	4400
175	ED-28 Mog.		31965-7	★	H39KB-175	H39	12	G, S, B (355)	5	8 ¾	24,000+	7900	7400	20	6800
			24805-4	★	H39KC-175/DX	H39	12	G, S (379)	—	8 ¾	24,000+	7900	7600	45	3700
	R-40 Med.		30105-1	★	H39BP-175/DX	H39	12	RF, FF, VV (379) 105° Beam	—	7 ½	24,000+	6000	4800	40	4300
250	ED-28 Mog.		31985-5	★	H37KB-250	H37	12	G, S, B (355)	5	8 ¾	24,000+	12,100	10,500	20	6700
			24814-6	★	H37KC-250/DX	H37	12	G, S (379)	—	8 ¾	24,000+	13,000	10,700	45	3700
400	ED-37 Mog.		25205-6	X★	H33CD-400	H33	6	G, S, B (355)	7	11 ½	24,000+	21,000	18,900	20	6500
			24842-7	★	H33GL-400/DX	H33	6	G, S (379)	—	11 ½	24,000+	23,000	19,100	45	3700
	R-60 Mog.		35661-8	★	H33FS-400/DX	H33	6	K, FF, RF (379) 146° Beam	—	10 ¾	24,000+	15,000	12,400	45	3800
1000	BT-56 Mog.		25107-4	★	H36GV-1000	H36	6	G, S (359)	9 ½	15 ¾	24,000+	57,500	48,400	20	6300
			39707-5	★	H36GW-1000/DX	H36	6	G, S (359, 379)	—	15 ¾	24,000+	63,000	47,500	45	3700

For the most current product information, go to the e-catalog on www.philips.com

HID symbols and footnotes located on page 104