Color Designation

Orange Warm Yellow

Soft White Warm White, SP30 Neutral White, SP35

Cool White, SP41

Blue White, SP50 Daylight, SP65

High-Intensity Discharge (HID) Lamp Information sodium and mercury vapor lamps and are used for

indoor and outdoor lighting. High-pressure sodium

security, and roadway lighting. Ceramic metal halide,

vapor lamps take a few minutes to reach full bright-

ness and must cool down before they can be restruck

and mercury vapor lamps are used for outdoor,

metal halide, high-pressure sodium, and mercury

after turning off.

HID lamps offer high light output and have longer life expectancy than incandescent bulbs. LED lamps use significantly less energy and need to be replaced less often than other HID lamp types. They reach full brightness instantly, produce very little heat, and can withstand temperature changes, vibration, and humidity. Ceramic metal halide and metal halide lamps offer better color rendering than high-pressure



Current[®] PHILIPS SYLVANIA **EX39 Mogul Screw-Base HID & LED** HID-Replacement Light Bulbs

61DA10



Quick Guide to Color Color Temperature 1800K

1900-2200K 2700K 3000-3200K 3400-3700K

3800-4500K

5200-5700K 6200-6700K



The EX39 extended mogul screw base on these light bulbs has a 39mm dia. and a longer center terminal than an E39 base. The bulbs screw into both E39 sockets (typically found on enclosed fixtures) and protected EX39 sockets (typically found on open fixtures). These bulbs are used in fixtures with a high mounting height, such as street lights, floodlights, and high-bay and low-bay lights in warehouses and convention centers.

Light hnology	/ Watts	Color Temp.	Lumens	Rated Life	Bulb Shape	Bulb Power Source	Overall Length	ANSI Code	Brand	lte No
<u>39 Mugu</u> DW MH/1	OOW HPS Wattage	LED HID-Replacement I Equivalency 3000K, 4000K, 5000K 3000K, 4000K, 5000K 3000K	light bulbs							
	12 W, 18 W, 24 W	3000K, 4000K, 5000K	1550 to 3360 lm	50,000 hr	Cylindrical	—	6 7/8 in	_	Light Efficient Design	792l
	18 W 27 W 27 W	3000K, 4000K, 5000K	2,450 lm; 2560 lm; 2610 lm 3,900 lm	50,000 hr 50,000 hr	Cylindrical	Direct Wired	6 5⁄8 in		Light Efficient Design	60T
	27 W	3000K	3,900 lm	50,000 hr	HID HID	Direct Wired	8 ¾ in	—	Keystone Technologies	610
		4000K	4.000 IM	50.000 hr		Direct Wired	8 ¾ in	-	Keystone Technologies	610
ED	27 W 30 W	5000K 3000K, 4000K, 5000K	4 100 lm	50,000 hr 50,000 hr	HID	Direct Wired	8 ¾ in	—	Keystone Technologies Light Efficient Design	610
	30 W	3000K, 4000K, 5000K	3500 lm, 4200 lm, 4300 lm	50,000 hr	Cylindrical	_	6 % in	_	Light Efficient Design	792
	50 W	4000K	7,500 lm	50.000 hr	ED37	Direct Wired	7 ¾ in	_	Current	429
	50 W 80 W	5000K 3000K	7 500 lm	50,000 hr 50,000 hr	ED37 ED23.5	Direct Wired	7 ¾ in	_	Current	429
	80 W	3000K	12,000 lm	50.000 hr	ED23.5	Direct Wired	7 3/4 in	_	Current	788
			65,000 lm	50,000 hr	Corn Cob	Direct Wired	12 1/8 in	_	Philips	784
W MH/1	1000 W 150W HPS Wattage I 24 W	Equivalency	00,000 111	00,000 111	001110000	Billoot Willou	12 /0 111		1 mpo	
	24 W 34 W	5700K	3,425 lm	50.000 hr	Cylindrical	Direct Wired	6 ¾ in	—	Light Efficient Design	50
_ED	34 VV	3000K	5.000 lm	25.000 hr	ED90		218 mm	_	Philips	79
	34 W	4000K	5.000 lm	25.000 hr	ED90		218 mm	_	Philips	79
	34 W 34 W	5000K	5,000 lm 5,000 lm	25,000 hr 25,000 hr	ED90 ED90 ED90	_	218 mm 218 mm	_	Philips Philips	79
		000011	2 430 lm 2 520 lm 2 610 lm	20,000	2000		2101111		1 mipo	
	36 W	3000K, 4000K, 5000K	3 645 lm 3 780 lm 3 915 lm	50,000 hr	HID	Direct Wired	8 ¾ in	_	Keystone Technologies	61
	00 W	300010, 400010, 300010	2,430 lm, 2,520 lm, 2,610 lm, 3,645 lm, 3,780 lm, 3,915 lm, 4,860 lm, 5,040 lm, 5,220 lm	50,000 m	IIID	Direct Wired	0 /4 111		Registeric recimency	
W MH/1	75W HPS Wattage I	Fauivalency	4,000 iiii, 3,040 iiii, 3,220 iiii							
	35 W	3000K	5 140 lm	50 000 br	Cylindrical	Direct Wired	7 ¼ in	_	Light Efficient Design	601
	35 W 35 W	3000K 4000K	5,140 lm 5,290 lm	50,000 hr 50,000 hr	Cylindrical Cylindrical	Direct Wired	7 1/4 in		Light Efficient Design Light Efficient Design	60
	35 W	5000K	5,360 lm	50,000 hr 50,000 hr 50,000 hr 25,000 hr	Cylindrical	Direct Wired	7 1/4 in 7 1/4 in 7 1/4 in 218 mm		Light Efficient Design	60
	05 W 45 W 60 W	3000K, 4000K, 5000K	5,290 lm, 6,510 lm, 8,790 lm	50,000 III	Cylindrical		7 14 111		Light Efficient Design	60
	35 W, 45 W, 60 W 38 W	4000K, 4000K, 5000K	6.000 lm	25,000 hr	Cylindrical ED90	Direct Wired	<u>1 /4 III</u>	_	Light Efficient Design	60 79
	38 W	4000K 5000K		25,000 III	ED90		218 mm		Philips	79
			6,000 lm	25,000 hr				=	Philips	/9
	38 W 45 W	5000K	6,000 lm	25,000 hr 50,000 hr	ED90		218 mm	_	Philips Keystone Technologies	/9
	45 W	3000K	6,200 lm	50,000 hr	HID	Direct Wired	10 ¼ in	_	Keystone lechnologies	61
			3,645 lm, 3,780 lm, 3,915 lm,							
)	45 W	3000K, 4000K, 5000K	4,860 lm, 5,040 lm, 5,220 lm,	50,000 hr	HID	Direct Wired	9 1 in	_	Keystone Technologies	611
ED			3,645 lm, 3,780 lm, 3,915 lm, 4,860 lm, 5,040 lm, 5,220 lm, 6,075 lm, 6,300 lm, 6,525 lm							
	45 W 45 W	4000K	6.300 lm	50,000 hr 50,000 hr	HID	Direct Wired	9 ¾ in	_	Keystone Technologies Light Efficient Design	610
	45 W	4000K	5,334 lm	50,000 hr	High/Low Bay	Requires Separate Ballast	6 % in	-	Light Efficient Design	79
	45 W	4000K	5,334 lm	50.000 hr	High/Low Bay	Requires Separate Ballast	7 3⁄8 in	_	Light Efficient Design	79
	45 W	5000K	6,400 lm	50 000 hr	HID	Direct Wired	9 3⁄4 in	—	Keystone Technologies	61
	45 W	5000K	5,560 lm	50,000 hr 50,000 hr	High/Low Bay	Requires Separate Ballast	6 % in	_	Keystone Technologies Light Efficient Design	79
	45 W	5000K	5,560 lm	50,000 hr	High/Low Bay	Requires Separate Ballast	7 3/8 in	_	Light Efficient Design	79
	50 W	3000K, 4000K, 5000K	6400 lm, 6900 lm, 7200 lm	50,000 hr	Cylindrical		8 ½ in		Light Efficient Design	79
	80 W	3000K, 4000K, 5000K 4000K	12,000 lm	50,000 hr 50,000 hr	ED37	Direct Wired	7 3/4 in	_	Current	42
	80 W	5000K	12,000 lm	50,000 hr	ED37	Direct Wired	7 3/4 in		Current	429
M MH/2	200W HPS Wattage I	Equivalency	12,000 IIII	30,000 111	LDJI	Direct Wired	1 74 111		Guitein	423
W WIN/2	nr o wallaye i	Equivalency	4,860 lm, 5,040 lm, 5,220 lm,							
)	54 W	3000K, 4000K, 5000K	6,075 lm, 6,300 lm, 6,525 lm,	50,000 hr	HID	Direct Wired	9 % in	_	Keystone Technologies	611
,	J4 VV	3000K, 4000K, 3000K	7,290 lm, 7,560 lm, 7,830 lm	50,000 III	пі	Direct wired	9 78 111	_	Reystone rechnologies	U I
	FOW UDC Wetters	Caulualanau	7,290 1111, 7,300 1111, 7,630 1111							
w win/2	250W HPS Wattage I 63 W		0.000 lm	50,000 hr	HID	Direct Wired	10.14 -		Kovotono Technolo-i	E4
	03 VV	3000K	8,820 lm	30,000 11	пΙυ	Direct Wired	10 ¼ in	_	Keystone Technologies	01
	CO 14/	00001/ 40001/ 50001/	6,075 lm, 6,300 lm, 6,525 lm, 7,290 lm, 7,560 lm, 7,830 lm,	50.000 h		Disc et Miss d	10.1/ :		Kenneteren Tereberat	
	63 W	3000K, 4000K, 5000K	7,290 im, 7,560 im, 7,830 im,	50,000 hr	HID	Direct Wired	10 ½ in	—	Keystone Technologies	5 011
		10001/	8,505 lm, 8,820 lm, 9,035 lm	=						
	63 W 63 W	4000K	9,198 lm 9,450 lm	50,000 hr 50,000 hr	HID	Direct Wired	11 ½ in	_	Keystone Technologies	5 <u>61</u>
	63 W	5000K	9,450 lm	50,000 hr	HID	Direct Wired	11 1/8 in	-	Keystone Technologies	61 G
			10.800 lm. 11.200 lm. 11.600							
`	80 W	3000K, 4000K, 5000K	Im, 7,290 Im, 7,560 Im, 7,830 Im.	50,000 hr	HID	Direct Wired	9 ¾ in	_	Keystone Technologies	610
ED		,	Im, 7,290 lm, 7,560 lm, 7,830 lm, 8,505 lm, 8,820 lm, 9,135 lm						,	
	80 W	3000K, 4000K, 5000K	10600 lm, 10700 lm, 10800 lm	50.000 hr	Cylindrical	_	10 in	_	Light Efficient Design	79
	80 W	4000K	11,600 lm	50,000 hr 50,000 hr	HID	Direct Wired	8 3/4 in	_	Keystone Technologies	61
	80 W	5000K	12,000 lm	50,000 hr	HID	Direct Wired	8 3/4 in	_	Keystone Technologies	61
	90 W	5000K	1,2400 lm	50,000 hr	High/Low Bay	Requires Separate Ballast	9 1/4 in	_	Light Efficient Design	79
	95 W	5000K	13,000 lm	50,000 hr	High/Low Bay	Requires Separate Ballast	9 1/4 in	_	Light Efficient Design	79
	115 W	4000K	18,000 lm	50,000 hr	ED37	Direct Wired	8 3/4 in	_	Current	429
	115 W	5000K	18,000 lm	50,000 hr	ED37	Direct Wired	8 3/8 in	_	Current	429
N MH/2	320W HPS Wattage I		10,000 IIII	00,000 11	LUUI	Direct Wireu	J 70 III		ourrent	743
	100 W, 110									
	W, 80 W	3000K, 4000K, 5000K	11,290 lm, 14,270 lm, 15,690 lm	50,000 hr	Cylindrical	Direct Wired	9 ¼ in	_	Light Efficient Design	60
	VV, OU VV	4000K	18000 Im	50,000 hr	Corn Cob	Direct Wired	8 1/4 in	_	Philips	784
	250 W· 320 W	40001		50,000 hr	Corn Cob	Direct Wired	8 1/4 in		Dhiline	78
	250 W; 320 W	50001/			GOLL FOD	Direct Wired	0 74 IN	_	Philips	
	250 W; 320 W 250 W; 320 W	5000K	18000 lm	00,000 h	ED00		0.1/ :-			
) tal	250 Ŵ; 320 W 250 W; 320 W 320 W	5000K 3700K	30,600 lm	20,000 hr	ED28	—	8 ¼ in	M132	Current	2T.
)	250 W; 320 W 250 W; 320 W			20,000 hr 20,000 hr	ED28 ED37		8 ¼ in 11 ½ in	M132 M132/ M154	Current Current	2T 6X

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