

MODEL 12 HEMILITE CIRCULAR



The Model 12 HemiLite is designed for those machine vision applications where highly diffuse, uniform illumination is required. The lamp assembly offers flicker-free illumination for those applications that include pharmaceutical processing, foil inspections and PCB component inspections. The HemiLite is available in two diameters, a 4" (101.6mm) and a 6" (152.4mm). A

diffusing sphere that incorporates an innovative lamp design that provides a full hemispherical illumination. The fluorescent is offered with rugged aluminum housing for a more industrial environment. The model comes standard with a deluxe daylight (5100K) bulb, which offers the user a minimum of 7,000 hours of high output illumination. Other lamp options are available for this unit, including black light blue (UV) and other wavelength specific colors. A high-frequency (25 kHz) driver is available as a plug-in style, or as an in-line style. (All 220V units are supplied with an in-line driver.)

To figure out the Part Number of the Model 12 HemiLite [Click here](#).

For the dimensions of the Model 12 [Click here](#).

Features

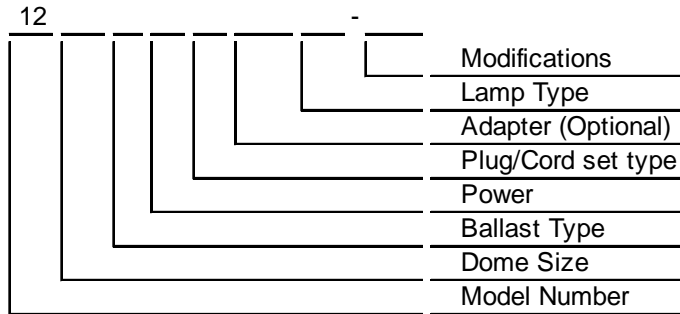
- High-frequency, flicker-free illumination
- 7000 hours of lamp life
- Diffuse, uniform illumination
- Lamp options: 4" or 6" diameter
- Industrial housing design
- Versatile mounting options

Replacement Bulbs		
1204	1206	
904-510	906-510	Deluxe Daylight, 5100K
904-365	906-365	Black Light Blue, 365nm
904-450	906-450	Blue, 450nm
904-658	906-658	Red, 658nm

Specifications	
Housing Range:	0% to 80%; non-condensing
Input Power:	4" – 14 watts; 6" – 18 watts
Lamp Output Power:	4" – 14 watts; 6" – 18 watts
Operating Frequency:	25 kHz
Input Frequency:	50Hz/60Hz
Operating Temp:	0°C to 40°C (32°F to 104°F)



MODEL 12 HEMILITE PART NUMBER MATRIX



Model Number:	12	Model 12 SFVI	
Dome Size:	04	4" (101.6mm) Sphere	
	06	6" (152.4mm) Sphere	
Ballast Type:	P	Plug-In 25kHz (110/120 VAC only)	
	D	In-Line, 25kHz (110/120 or 220/240 VAC)	
	S	Sealed 85kHz (Power options 3 & 4 only)	
Power:	1	110/120 VAC; 60HZ	
	2	220/240 VAC; 50HZ (CE marked)	
	3	Universal w/ fixed intensity (90-254VAC; 50/60Hz)	
	4	Universal w/ variable intensity control (90-254VAC; 50/60Hz)	
Plug/Cord Sets:	B	Euro/Shuko*	I Italy*
	C	Australia*	K North America*
	D	United Kingdom*	K North America Plug-in Ballast
	E	Denmark	L Switzerland*
	F	France/Belgium	R Russia
	G	India	S Special (NEMA 6-20P)
	H	Israel*	X No Plug
	Z	North America (NEMA 6-15P)	
Adapter:		<u>1204 - 4" HemiLite</u>	<u>1206 - 6" HemiLite</u>
	100	No Adapter (2" thru)	200 No Adapter (2.312" thru)
	110	1.82" ID	211 2.14" ID
	115	1.75" ID, grommet	215 2.06" ID, grommet
* Note: the 4" HemiLite takes 1-Series adapters whereas the 6" HemiLite takes 2-series adapters. Only the adapters listed above are recommended.			
Lamp Type:	51	White, 5100K	BL Blue 450nm
	BB	Black Light Blue (UV) , 365nm RD	Red, 658nm
Modifications:	t.b.d. (consult KSE-Texas for custom/modification options)		

