

Life
10,000 hrs
under standard conditions



FP-L^S

Available with Cool Day Light, Warm White, Cool White options

Lamp Wattage	Cat. Ref. No.	Lumen output (Lm)			Length (L) (mm)	** Lamp/ cap	Lamp Current (mA)
		6500K	2700K	4000K			
18W	PHCS*#018	1130	1200	1200	200	2G11	385
36W	PHCS*#036	2800	2900	2900	415	2G11	410

\$ - Non RoHS compliant

* = C for Cool Daylight (6500K) # = 14 for E-14, 27 for E-27 or 22 for B-22 base
W for Warm White (2700K) = 02 for 2 pin base 04 for 4 pin base
D for Cool White (4000K)

Money Saving Chart: CFL Vs GLS Bulb

	11W CFL ~ 60W GLS		15W CFL ~ 75W GLS		20W CFL ~ 100W GLS	
Quantity	One	One	One	One	One	One
Watt/Power Consumption per lamp	11	60	15	75	20	100
Usage per day (hours)	4.5	4.5	4.5	4.5	4.5	4.5
Power consumption kWh per year (365 days)	18.06	98.55	24.63	123.2	32.85	164.25
Cost of Electricity per power unit (Rs./kWh)	4	4	4	4	4	4
Total cost of Electricity / Power used per year	72	394.20	98.55	492.75	131.40	657.00
Money savings per year by using Havells CFL (Rs.)	322.2	-	394.20	-	525.60	-
Cost of lamp (Rs.)	125	10	130	10	170	10
CFL cost recovery v/s GLS electricity expenses (Months)	3.8		303		3.20	
Total money saving over the Havells CFL life (Rs.)	1177		1439		1920	



CFLZCFMIP0001/2009 July/5000

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Collection 2009



CFL



Lilliput

Lilliput Range CFLs available in B22, E27 and E14 base with Cool Day Light, Warm White options

Lamp Wattage	Cat. Ref. No.	Lumen output (Lm)		Length (L) (mm)	Dia (mm)	Lamp Current (mA)
		6500K	2700K			
NEW 9W(FU)	PHEF*#009	427	450	101	48	100
11W(FU)	PHEF*#011	575	605	101	48	100
15W(FU)	PHEF*#015	850	900	116	48	135
20W(FU)	PHEF*#020	1200	1200	136	48	180
NEW 23W(FU)	PHEF*#023	1400	1500	156	48	200



Retrofit Range Dwarf

Dwarf Range CFLs available in B22, E27 and E14 base with Cool Day Light, Warm White options

Lamp Wattage	Cat. Ref. No.	Lumen output (Lm)		Length (L) (mm)	Base/ Dia. (mm)	Lamp Current (mA)
		6500K	2700K			
5W (DU)	PHED*#005	220	240	108	38	45
8W (TU)	PHET*#008	400	440	110	45	60
11W (TU)	PHET*#011	565	605	115	45	94

* = C for Cool Daylight (6500K), W for Wark White (2700K), D for Cool White (4000K)
= 14 for E-14, 27 for E-27 or 22 for B-22 Base
= 02 for 2 Pin base 04 for 4 Pin base



Normal

Available in B22 and E27 base with Cool Day Light, Warm White options

Lamp Wattage	Cat. Ref. No.	Lumen output (Lm)		Length (L) (mm)	Base/ Dia. (mm)	Lamp Current (mA)
		6500K	2700K			
11W(DU)	PHED*#011	565	605	142	48	90
15W(DU)	PHED*#015	850	900	170	48	115
15W(TU)	PHET*#015	850	900	146	52	115
20W(TU)	PHET*#020	1130	1200	160	52	165
23W(TU)	PHET*#023	1400	1500	170	52	185
27W(TU)	PHET*#027	1680	1800	175	52	200

* = C for Cool Daylight (6500K), W for Wark White (2700K), D for Cool White (4000K)
= 14 for E-14, 27 for E-27 or 22 for B-22 Base
= 02 for 2 Pin base 04 for 4 Pin base

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Spiral

Available in B22 and E27 base with Cool Day Light, Warm White options

Lamp Wattage	Cat. Ref. No.	Lumen output (Lm)		Length (L) (mm)	Base/ Dia. (mm)	Lamp Current (mA)
		6500K	2700K			
15W (SP)	PHER*#015	850	900	138	50	115
20W(SP)	PHER*#020	1130	1200	146	50	165
NEW 23W(SP)	PHER*#023	1400	1500	155	48	200
27W(SP)	PHFR*#027	1680	1800	156	50	200

* = C for Cool Daylight (6500K), W for Wark White (2700K), D for Cool White (4000K)
= 14 for E-14, 27 for E-27 or 22 for B-22 Base
= 02 for 2 Pin base 04 for 4 Pin base



Higher Range^s

Available in B22 and *E27 base with Cool Day Light, Warm White options

Lamp Wattage	Cat. Ref. No.	Lumen output (Lm)		Length (L) (mm)	Base/ Dia. (mm)	Lamp Current (mA)
		6500K	2700K			
35W (FU)	PHEF*#035	2100	221	80	145	
45W (FU)	PHEF*#045	2700	241	80	210	
65W (FU)	PHEF#065	3400	271	80	265	
85W (FU)	PHEF#085	4400	329	80	350	

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Non-Retrofit Range

Non-Retrofit range of CFLs available in 2 pin & 4 pin base with Cool Day Light, Warm White, Cool White options

Lamp Wattage	Cat. Ref. No.	Lumen output (Lm)		Length (L) (mm)	** Lamp/ cap	Lamp Current (mA)
		6500K	2700K			
5W(SU)	PHCS*#005	240	250	250	108	G-23 180
7W(SU)	PHCS*#007	375	400	400	137	G-23 175
9W(SU)	PHCS*#009	565	600	600	167	G-23 170
11W(SU)	PHCS*#011	850	900	900	237	G-23 165
10W(DU)	PHCD*#010	565	600	600	112	G-24d ₁ 190
13W(DU)	PHCD*#013	850	900	900	138	G-24d ₁ 175
18W(DU)	PHCD*#018	1130	1200	1200	158	G-24d ₂ 220
26W(DU)	PHCD*#026	1680	1800	1800	175	G-24d ₃ 325

* = C for Cool Daylight (6500K), W for Wark White (2700K), D for Cool White (4000K)
= 14 for E-14, 27 for E-27 or 22 for B-22 Base
= 02 for 2 Pin base 04 for 4 Pin base

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