

CATEGORY: LIGHTING

Tested units as of August 2018

Rate

9.744

(2018 Q1 Average Rate for ALL Meralco Residential Customers)

BRAND	WATTAGE	DESCRIPTION	MODEL	EST ENERGY CONSUMPTION PER HOUR (kWh/HOUR)	EST COST PER HOUR (PhP/HOUR)
FIREFLY	3.3W	3.3W LED Bulb, Daylight	EBI103DL	0.0030	0.03
	5W	5W LED Bulb, Daylight	EBI105DL	0.0050	0.05
	7W	7W LED Bulb, Daylight	EBI107DL	0.0060	0.06
	6W	6W LED Bulb Daylight	FBI206DL	0.0060	0.06
	9W	9W LED Bulb, Daylight	EBI109DL	0.0090	0.09
	10W	10W LED Bulb, Daylight	FBI210DL	0.0100	0.10
	11W	11W LED Bulb, Daylight	EBI111DL	0.0111	0.11
	14W	14W LED Bulb, Daylight	FBI214DL	0.0138	0.13
	7W	7W LED Dimmable Bulb, Warm White	EBI607WW	0.0070	0.07
	12W	12W LED Globe, Daylight	FBG112DL	0.0109	0.11
	14W	14W LED Globe, Daylight	FBG114DL	0.0120	0.12
	16W	16W LED Globe, Daylight	FBG116DL	0.0141	0.14
	20W	20W LED Capsule, Daylight	EHC120DL	0.0188	0.18
	28W	28W LED Capsule, Daylight	EHC128DL	0.0271	0.26
	38W	38W LED Capsule, Daylight	EHC138DL	0.0352	0.34
	45W	45W LED Capsule, Daylight	EHC145DL	0.0461	0.45
	8W	8W LED Straight Fluorescent Tube, Daylight	EFS03T8DL08	0.0079	0.08
	16W	16W LED Straight Fluorescent Tube, Daylight	EFS03T8DL16	0.0160	0.16
	30W	30W LED Floodlight, Daylight	LFL1030DL/G	0.0289	0.28
	50W	50W LED Floodlight, Daylight	LFL1050DL/G	0.0447	0.44
	9W	9W LED Straight Fluorescent Tube, Daylight	LFS02T8DL09	0.0090	0.09
	18W	18W LED Straight Fluorescent Tube, Daylight	LFS02T8DL18	0.0180	0.17
	8W	8W LED Ceiling Lamp, Daylight	LCL208DL	0.0080	0.08
	15W	15W LED Ceiling Lamp, Daylight	LCL215DL	0.0160	0.16
	18W	18W LED Straight Fluorescent Tube, Daylight	LFS01T8CW18	0.0181	0.18
	9W	9W LED Straight Fluorescent Tube, Daylight	LFS01T8WW09	0.0100	0.10
	20W	20W LED Ceiling Lamp, Daylight	LCL220DL	0.0191	0.19
	15W	15W LED Ceiling Lamp, Daylight	LCL115DL	0.0160	0.16
	9W	9W LED Straight Fluorescent Tube, Cool White	LFS01T8CW09	0.0100	0.10
	18W	18W LED Straight Fluorescent Tube, Daylight	LFS01T8DL18	0.0179	0.17
	18W	18W LED Straight Fluorescent Tube, Warm White	LFS01T8WW18	0.0180	0.18

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FIREFLY	18W	18W LED Straight Fluorescent Tube, Daylight	LFS03T8DL18	0.0179	0.17
	9W	9W LED Straight Fluorescent Tube, Cool White	LFS03T8CW09	0.0100	0.10
	9W	9W LED Straight Fluorescent Tube, Daylight	EFS01T8DL09	0.0090	0.09
	7W	7W LED Tube & Box Type Set, Daylight	ECBTS11/DL07	0.0070	0.07
	16W	16W LED Tube & Box Type Set, Daylight	ECBTS11/DL16	0.0162	0.16
	18W	18W LED Fluorescent Straight Tube, Cool White	LFS03T8CW18	0.0179	0.17
	20W	20W LED Ceiling Lamp, Daylight	LCL120DL	0.0191	0.19
	11W	11W LED Downlights, Cool White	LDL603CW	0.0100	0.10
	14W	14W LED Downlights, Cool White	LDL601CW	0.0140	0.14
	8W	8W LED Downlights, Warm White	LDL501WW	0.0090	0.09
	6W	6W LED Downlights, Warm White	LDL401WW	0.0060	0.06
	12.9W	12.9W LED Downlights, Cool White	LDL502CW	0.0140	0.14
	5W	5W LED Downlights, Warm White	LDL301WW	0.0050	0.05
	21.2W	21.2W LED Downlights, Cool White	LDL702CW	0.0179	0.17
	20W	20W LED Floodlight, Green	EFL2020G	0.0170	0.17
	60W	60W LED Floodlight, Daylight	EFL2060DL	0.0574	0.56
	40W	40W LED Luminaire, Daylight	ELU2040DL	0.0370	0.36
	-	Christmas Light, LED, White	FXL119020WH	0.0060	0.06
	-	Christmas Light, LED, Warm White	FXL119020WW	0.0060	0.06
	-	Christmas Light, LED, White	FXL129020WH	0.0069	0.07
	-	Christmas Light, LED, Warm White	FXL129020WW	0.0069	0.07
	-	Christmas Light, LED, RGBWW	FXL119020CL	0.0069	0.07
	-	Christmas Light, LED, White	FXL1111020WH	0.0070	0.07
	-	Christmas Light, LED, Warm White	FXL1111020WW	0.0070	0.07
	-	Christmas Light, LED, White	FXL1211020WH	0.0069	0.07
	-	Christmas Light, LED, Warm White	FXL1211020WW	0.0069	0.07
	-	Christmas Light, LED, RGBWW	FXL1111020CL	0.0079	0.08
	-	Christmas Light, LED, White	FXL1115044WH	0.0099	0.10
	-	Christmas Light, LED, Warm White	FXL1115044WW	0.0102	0.10
	-	Christmas Light, LED, RGBWW	FXL1115040CL	0.0139	0.14