



CATEGORY: LIGHTING

Tested units as of June 2020

Rate: 9.744

(2018 Q1 Average Rate for ALL Meralco Residential Customers)

Brand	Wattage	Description	Model	Est. Energy Consumption Per Hour (kWh)	Est. Cost Per Hour (Php)
Firefly	3.3	3.3 W LED Bulb, Daylight	EBI103DL	0.0030	0.03
Firefly	5.0	5W LED Bulb, Daylight	EBI105DL	0.0050	0.05
Firefly	7.0	7W LED Bulb, Daylight	EBI107DL	0.0060	0.06
Firefly	6.0	6W LED Bulb Daylight	FBI206DL	0.0060	0.06
Firefly	9.0	9W LED Bulb, Daylight	EBI109DL	0.0090	0.09
Firefly	10.0	10W LED Bulb, Daylight	FBI210DL	0.0100	0.10
Firefly	11.0	11W LED Bulb, Daylight	EBI111DL	0.0111	0.11
Firefly	14.0	14W LED Bulb, Daylight	FBI214DL	0.0138	0.13
Firefly	7.0	7W LED Dimmable Bulb, Warm White	EBI607WW	0.0070	0.07
Firefly	12.0	12W LED Globe, Daylight	FBG112DL	0.0109	0.11
Firefly	14.0	14W LED Globe, Daylight	FBG114DL	0.0120	0.12
Firefly	16.0	16W LED Globe, Daylight	FBG116DL	0.0141	0.14
Firefly	20.0	20W LED Capsule, Daylight	EHC120DL	0.0188	0.18
Firefly	28.0	28W LED Capsule, Daylight	EHC128DL	0.0271	0.26
Firefly	38.0	38W LED Capsule, Daylight	EHC138DL	0.0352	0.34
Firefly	45.0	45W LED Capsule, Daylight	EHC145DL	0.0461	0.45
Firefly	8.0	8W LED Straight Fluorescent Tube, Daylight	EFS03T8DL08	0.0079	0.08
Firefly	16.0	16W LED Straight Fluorescent Tube, Daylight	EFS03T8DL16	0.0160	0.16
Firefly	30.0	30W LED Floodlight, Daylight	LFL1030DL/G	0.0289	0.28
Firefly	50.0	50W LED Floodlight, Daylight	LFL1050DL/G	0.0447	0.44
Firefly	9.0	9W LED Straight Fluorescent Tube, Daylight	LFS02T8DL09	0.0090	0.09
Firefly	18.0	18W LED Straight Fluorescent Tube, Daylight	LFS02T8DL18	0.0180	0.17
Firefly	8.0	8W LED Ceiling Lamp, Daylight	LCL208DL	0.0080	0.08
Firefly	15.0	15W LED Ceiling Lamp, Daylight	LCL215DL	0.0160	0.16
Firefly	18.0	18W LED Straight Fluorescent Tube, Daylight	LFS01T8CW18	0.0181	0.18
Firefly	9.0	9W LED Straight Fluorescent Tube, Daylight	LFS01T8WW09	0.0100	0.10
Firefly	20.0	20W LED Ceiling Lamp, Daylight	LCL220DL	0.0191	0.19
Firefly	15.0	15W LED Ceiling Lamp, Daylight	LCL115DL	0.0160	0.16
Firefly	9.0	9W LED Straight Fluorescent Tube, Cool White	LFS01T8CW09	0.0100	0.10



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Firefly	18.0	18W LED Straight Fluorescent Tube, Daylight	LFS01T8DL18	0.0179	0.17
Firefly	18.0	18W LED Straight Fluorescent Tube, Warm White	LFS01T8WW18	0.0180	0.18
Firefly	18.0	18W LED Straight Fluorescent Tube, Daylight	LFS03T8DL18	0.0179	0.17
Firefly	9.0	9W LED Straight Fluorescent Tube, Cool White	LFS03T8CW09	0.0100	0.10
Firefly	9.0	9W LED Straight Fluorescent Tube, Daylight	EFS01T8DL09	0.0090	0.09
Firefly	7.0	7W LED Tube & Box Type Set, Daylight	ECBTS11/DL07	0.0070	0.07
Firefly	16.0	16W LED Tube & Box Type Set, Daylight	ECBTS11/DL16	0.0162	0.16
Firefly	18.0	18W LED Fluorescent Straight Tube, Cool White	LFS03T8CW18	0.0179	0.17
Firefly	20.0	20W LED Ceiling Lamp, Daylight	LCL120DL	0.0191	0.19
Firefly	11.0	11W LED Downlights, Cool White	LDL603CW	0.0100	0.10
Firefly	14.0	14W LED Downlights, Cool White	LDL601CW	0.0140	0.14
Firefly	8.0	8W LED Downlights, Warm White	LDL501WW	0.0090	0.09
Firefly	6.0	6W LED Downlights, Warm White	LDL401WW	0.0060	0.06
Firefly	12.9	12.9W LED Downlights, Cool White	LDL502CW	0.0140	0.14
Firefly	5.0	5W LED Downlights, Warm White	LDL301WW	0.0050	0.05
Firefly	21.2	21.2W LED Downlights, Cool White	LDL702CW	0.0179	0.17
Firefly	20.0	20W LED Floodlight, Green	EFL2020G	0.0170	0.17
Firefly	60.0	60W LED Floodlight, Daylight	EFL2060DL	0.0574	0.56
Firefly	40.0	40W LED Luminaire, Daylight	ELU2040DL	0.0370	0.36
Firefly	-	Christmas Light, LED, White	FXL119020WH	0.0060	0.06
Firefly	-	Christmas Light, LED, Warm White	FXL119020WW	0.0060	0.06
Firefly	-	Christmas Light, LED, White	FXL129020WH	0.0069	0.07
Firefly	-	Christmas Light, LED, Warm White	FXL129020WW	0.0069	0.07
Firefly	-	Christmas Light, LED, RGBWW	FXL119020CL	0.0069	0.07
Firefly	-	Christmas Light, LED, White	FXL1111020WH	0.0070	0.07
Firefly	-	Christmas Light, LED, Warm White	FXL1111020WW	0.0070	0.07
Firefly	-	Christmas Light, LED, White	FXL1211020WH	0.0069	0.07
Firefly	-	Christmas Light, LED, Warm White	FXL1211020WW	0.0069	0.07
Firefly	-	Christmas Light, LED, RGBWW	FXL1111020CL	0.0079	0.08
Firefly	-	Christmas Light, LED, White	FXL1115044WH	0.0099	0.10
Firefly	-	Christmas Light, LED, Warm White	FXL1115044WW	0.0102	0.10



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Brand	Wattage	Description	Model	Est. Energy Consumption Per Hour (kWh)	Est. Cost Per Hour (Php)
Firefly	-	Christmas Light, LED, RGBWW	FXL1115040CL	0.0139	0.14

Brand	Wattage	Description	Model	Est. Energy Consumption Per Use (kWh)	Est. Cost Per Use (Php)	Remarks
PROLABS	100.0	UVC Table Lamp	PL001	0.0773	0.75	Approx. 60-mins use at basic operation
PROLABS	60.0	UVC Floor Lamp	PL002	0.1266	1.23	Approx. 120-mins use at basic operation
PROLABS	38.0	UVC Table Lamp	PL003	0.0203	0.20	Approx. 45-mins use at basic operation
PROLABS	38.0	UVC Table Lamp	PL004	0.0243	0.24	Approx. 45-mins use at basic operation
PROLABS	15.0	UVC Lamp Tube	PL005 (15 watts)	0.0300	0.29	Approx. 120-mins use at basic operation
PROLABS	20.0	UVC Lamp Tube	PL005 (20 watts)	0.0442	0.43	Approx. 120-mins use at basic operation

Brand	Wattage	Description	Model	Est. Energy Consumption Per Full Charge (kWh)	Est. Cost Per Full Charge (Php)	Remarks
PROLABS	5.0	Rechargeable UVC Light Wand	PL006	0.0018	0.02	Approx. 120-mins per one full charge