



**CATEGORY: LIGHTING**

Tested Units as of: June 2022

Rate: Php 10.45/kWh

2022 1H Average Rate for ALL Meralco Residential Customers

Brand	Capacity / Size	Unit of Measure	Product	Description	Model	Est. Energy Consumption Per Use (kWh)	Est. Cost To Operate (Php)
Firefly	6.00	W	Light Bulb	PRO LED Bulb DL E27	EBI206DL	0.0617	0.65
Firefly	-	-	Rechargeable light	LED Emergency Lamp Rechargeable Twinhead	FEL201L	0.1068	1.12
Firefly	-	-	Rechargeable light	LED Emergency Lamp Dual Optic EL2X3W	FEL205L	0.0994	1.04
Firefly	-	-	Rechargeable light	24 LED Camping Lamp w/ Touch Dimmer Switch	FEL421	0.0116	0.12
Firefly	-	-	Rechargeable light	16 LED Camping Lamp with USB	FEL423	0.0225	0.24
Firefly	-	-	Rechargeable light	16 LED Solar Camping Lamp w/ Touch Dimmer	FEL431	0.0240	0.25
Firefly	-	-	Rechargeable light	16 LED Solar Camping Lamp with USB	FEL432	0.0164	0.17
Firefly	-	-	Rechargeable light	24 LED Solar Camping Lamp with USB	FEL433	0.0321	0.34
Firefly	-	-	Rechargeable light	LED 31 lights Camping Lamp	FEL511	0.0609	0.64
Firefly	-	-	Rechargeable light	LED 28 lights Handy Lamp	FEL534	0.0427	0.45
Firefly	-	-	Rechargeable light	27 LED Handy Lamp w/ Torch Light & USB	FEL546	0.0160	0.17
Firefly	-	-	Rechargeable light	13 LED Handy Lamp w/ Torch Light & USB	FEL553	0.0159	0.17
Firefly	-	-	Rechargeable light	LED Strong Torch Lamp w/ Desktop Lamp	FEL555	0.0207	0.22
Firefly	-	-	Rechargeable light	LED Powerful Torch Light w/ USB	FEL556	0.0571	0.60
Firefly	-	-	Rechargeable light	36 LED Foldable Desk Lamp w/ Solar Charge	FEL713	0.0208	0.22
Firefly	-	-	Rechargeable light	3 LED Desk Lamp w/ Touch Dimmer Switch,	FEL714	0.0080	0.08
Firefly	-	-	Rechargeable light	6 LED Desk Lamp w/ Touch Dimmer Switch	FEL715	0.0251	0.26
Firefly	-	-	Rechargeable light	60 LED Swivel Desk Lamp w/ Solar Charger	FEL722	0.0203	0.21
Firefly	150.00	W	Canopy Light	Canopy Light	FCL1120DL	0.1176	1.23
Firefly	10.00	W	Floodlight	Floodlight	FFL1010DL/G	0.0090	0.09
Firefly	50.00	W	Floodlight	Floodlight	FFL1050DL/G	0.0459	0.48
Firefly	200.00	W	Floodlight	Floodlight	FFL1200DL/G	0.1992	2.08
Firefly	150.00	W	High Bay	High Bay	EHD3150DL	0.1506	1.57
Firefly	100.00	W	High Bay	High Bay	FHB4100DL	0.0987	1.03
Firefly	5.00	W	Light Bulb	Dusk to Dawn	FBF105DL	0.0060	0.06
Firefly	9.00	W	Light Bulb	Dusk to Dawn	FBF109DL	0.0090	0.09
Firefly	30.00	W	Street Light	Street Light	ESL4030DL	0.0288	0.30
Firefly	90.00	W	Street Light	Street Light	ESL4090DL	0.0814	0.85
Firefly	9.00	W	Tube Light	T8 Tube	F2LST8DL09	0.0090	0.09
Firefly	18.00	W	Tube Light	T8 Tube	F2LST8DL18	0.0190	0.20
Firefly	9.00	W	Tube Light	T8 Tube	LFS03T8DL09	0.0090	0.09
Firefly	15	W	Ceiling Lamp	15W LED Ceiling Lamp, Daylight	LCL115DL	0.016	0.17
Firefly	20	W	Ceiling Lamp	20W LED Ceiling Lamp, Daylight	LCL120DL	0.0191	0.20
Firefly	8	W	Ceiling Lamp	8W LED Ceiling Lamp, Daylight	LCL208DL	0.008	0.08
Firefly	15	W	Ceiling Lamp	15W LED Ceiling Lamp, Daylight	LCL215DL	0.016	0.17
Firefly	20	W	Ceiling Lamp	20W LED Ceiling Lamp, Daylight	LCL220DL	0.0191	0.20
Firefly	7	W	Christmas Light	Gr Xmas Lights 100LEDWH SO-7mtrs	FXL1110020WH	0.0068	0.07
Firefly	7	W	Christmas Light	Gr Xmas Lights 100LEDWW SO-7mtrs	FXL1110020WW	0.0069	0.07
Firefly	7	W	Christmas Light	Bright Christmas Lights 110LED 7 meters	FXL111020WH	0.0064	0.07
Firefly	7	W	Christmas Light	Bright Christmas Lights 110LED 7 meters	FXL1111020CL	0.0065	0.07
Firefly	7	W	Christmas Light	Bright Christmas Lights 110LED 7 meters	FXL1111020WH	0.0065	0.07
Firefly	7	W	Christmas Light	Christmas Light, LED, Warm White	FXL1111020WW	0.007	0.07
Firefly	10.00	W	Christmas Light	Christmas Light, LED, RGBWW	FXL1115040CL	0.0139	0.15
Firefly	11	W	Christmas Light	Bright Christmas Lights 150LED 10 meters	FXL1115044CL	0.013	0.14
Firefly	11	W	Christmas Light	Bright Christmas Lights 150LED 10 meters	FXL1115044WH	0.0071	0.07
Firefly	11	W	Christmas Light	Bright Christmas Lights 150LED 10 meters	FXL1115044WW	0.011	0.11
Firefly	7	W	Christmas Light	Bright Christmas Lights 90LED 6 meters	FXL119020CL	0.0062	0.06
Firefly	7	W	Christmas Light	Bright Christmas Lights 90LED 6 meters	FXL119020WH	0.0059	0.06
Firefly	7	W	Christmas Light	Bright Christmas Lights 90LED 6 meters	FXL119020WW	0.0059	0.06
Firefly	5.5	W	Christmas Light	Bright Christmas Lights 100LED 7 meters	FXL12100CL	0.007	0.07
Firefly	7	W	Christmas Light	Bright Christmas Lights 100LED 7 meters	FXL12100WH	0.0069	0.07
Firefly	7	W	Christmas Light	Green Christmas Lights 100LED WW	FXL12100WW	0.0068	0.07
Firefly	7	W	Christmas Light	Bright Christmas Lights 110LED 7 meters	FXL1211020WH	0.0066	0.07
Firefly	7	W	Christmas Light	Bright Christmas Lights 110LED 7 meters	FXL1211020WW	0.0064	0.07
Firefly	-	W	Christmas Light	Christmas Light, LED, White	FXL129020WH	0.0069	0.07
Firefly	-	W	Christmas Light	Christmas Light, LED, Warm White	FXL129020WW	0.0069	0.07
Firefly	7	W	Christmas Light	Bright Christmas Lights 100LED 7 meters	FXL13100CL	0.0067	0.07
Firefly	7	W	Christmas Light	Bright Christmas Lights 100LED 7 meters	FXL13100WH	0.0071	0.07



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Firefly	7	W	Christmas Light	Bright Christmas Lights 100LED 7 meters	FXL13100WW	0.0069	0.07
Firefly	15	W	Christmas Light	Curtain lights WW 200LED 3M	FXL31200WW	0.016	0.17
Firefly	30	W	Christmas Light	Curtain Lights 400LED	FXL31400WW	0.0294	0.31
Firefly	15	W	Christmas Light	Curtain lights WW 200LED 3M BL	FXL32200WW	0.0151	0.16
Firefly	30	W	Christmas Light	Curtain Lights 400LED	FXL32400WW	0.0298	0.31
Firefly	8	W	Downlight	smart LED Downlight, dimmable	FSD108CD	0.0072	0.08
Firefly	5	W	Downlight	5W LED Downlights, Warm White	LDL301WW	0.005	0.05
Firefly	6	W	Downlight	6W LED Downlights, Warm White	LDL401WW	0.006	0.06
Firefly	8	W	Downlight	8W LED Downlights, Warm White	LDL501WW	0.009	0.09
Firefly	12.9	W	Downlight	12.9W LED Downlights, Cool White	LDL502CW	0.014	0.15
Firefly	14	W	Downlight	14W LED Downlights, Cool White	LDL601CW	0.014	0.15
Firefly	11	W	Downlight	11W LED Downlights, Cool White	LDL603CW	0.01	0.10
Firefly	21.2	W	Downlight	21.2W LED Downlights, Cool White	LDL702CW	0.0179	0.19
Firefly	20	W	Floodlight	20W LED Floodlight, Green	EFL2020G	0.017	0.18
Firefly	60	W	Floodlight	60W LED Floodlight, Daylight	EFL2060DL	0.0574	0.60
Firefly	30	W	Floodlight	30W LED Floodlight, Daylight	LFL1030DL/G	0.0289	0.30
Firefly	50	W	Floodlight	50W LED Floodlight, Daylight	LFL1050DL/G	0.0447	0.47
Firefly	3.3	W	Light Bulb	3.3 W LED Bulb, Daylight	EBI103DL	0.003	0.03
Firefly	5	W	Light Bulb	5W LED Bulb, Daylight	EBI105DL	0.005	0.05
Firefly	7	W	Light Bulb	7W LED Bulb, Daylight	EBI107DL	0.006	0.06
Firefly	9	W	Light Bulb	9W LED Bulb, Daylight	EBI109DL	0.009	0.09
Firefly	11	W	Light Bulb	11W LED Bulb, Daylight	EBI111DL	0.0111	0.12
Firefly	7	W	Light Bulb	7W LED Dimmable Bulb, Warm White	EBI607WW	0.007	0.07
Firefly	20	W	Light Bulb	20W LED Capsule, Daylight	EHC120DL	0.0188	0.20
Firefly	28	W	Light Bulb	28W LED Capsule, Daylight	EHC128DL	0.0271	0.28
Firefly	38	W	Light Bulb	38W LED Capsule, Daylight	EHC138DL	0.0352	0.37
Firefly	45	W	Light Bulb	45W LED Capsule, Daylight	EHC145DL	0.0461	0.48
Firefly	40	W	Light Bulb	40W LED Luminaire, Daylight	ELU2040DL	0.037	0.39
Firefly	6	W	Light Bulb	LED light bulb with Bluetooth Speaker	FBF606WW	0.0069	0.07
Firefly	12	W	Light Bulb	12W LED Globe, Daylight	FBG112DL	0.0109	0.11
Firefly	14	W	Light Bulb	14W LED Globe, Daylight	FBG114DL	0.012	0.13
Firefly	16	W	Light Bulb	16W LED Globe, Daylight	FBG116DL	0.0141	0.15
Firefly	6	W	Light Bulb	6W LED Bulb Daylight	FBI206DL	0.006	0.06
Firefly	10	W	Light Bulb	10W LED Bulb, Daylight	FBI210DL	0.01	0.10
Firefly	14	W	Light Bulb	14W LED Bulb, Daylight	FBI214DL	0.0138	0.14
Firefly	9	W	Light Bulb	Smart LED Bulb, dimmable	FSB109CD	0.0079	0.08
Firefly	9	W	Light Bulb	Smart LED Bulb, dimmable	FSB109RCD	0.008	0.08
Firefly	15	W	Light Bulb	Smart LED Bulb, dimmable	FSB115CD	0.0133	0.14
Firefly	15	W	Light Bulb	Smart LED Bulb, dimmable	FSB115RCD	0.0133	0.14
Firefly	-	-	Rechargeable light	Rechargeable 180deg LED Lantern	FEL344	0.0567	0.59
Firefly	-	-	Rechargeable light	80 LED Solar Camping Lamp with Touch Control	FEL435	0.0356	0.37
Firefly	-	-	Rechargeable light	Multifunction Emergency Lamp	FEL441	0.024	0.25
Firefly	-	-	Rechargeable light	Powerful LED Torch Lamp with AM/FM Radio	FEL548	0.0155	0.16
Firefly	7	W	Tube Light	7W LED Tube & Box Type Set, Daylight	ECBTS11/DL07	0.007	0.07
Firefly	16	W	Tube Light	16W LED Tube & Box Type Set, Daylight	ECBTS11/DL16	0.0162	0.17
Firefly	9	W	Tube Light	9W LED Straight Fluorescent Tube, Daylight	EFS01T8DL09	0.009	0.09
Firefly	8	W	Tube Light	8W LED Straight Fluorescent Tube, Daylight	EFS03T8DL08	0.0079	0.08
Firefly	16	W	Tube Light	16W LED Straight Fluorescent Tube, Daylight	EFS03T8DL16	0.016	0.17
Firefly	9	W	Tube Light	9W LED Straight Fluorescent Tube, Cool White	LFS01T8CW09	0.01	0.10
Firefly	18	W	Tube Light	18W LED Straight Fluorescent Tube, Daylight	LFS01T8CW18	0.0181	0.19
Firefly	18	W	Tube Light	18W LED Straight Fluorescent Tube, Daylight	LFS01T8DL18	0.0179	0.19
Firefly	9	W	Tube Light	9W LED Straight Fluorescent Tube, Daylight	LFS01T8WW09	0.01	0.10
Firefly	18	W	Tube Light	18W LED Straight Fluorescent Tube, Warm White	LFS01T8WW18	0.018	0.19
Firefly	9	W	Tube Light	9W LED Straight Fluorescent Tube, Daylight	LFS02T8DL09	0.009	0.09
Firefly	18	W	Tube Light	18W LED Straight Fluorescent Tube, Daylight	LFS02T8DL18	0.018	0.19
Firefly	9	W	Tube Light	9W LED Straight Fluorescent Tube, Cool White	LFS03T8CW09	0.01	0.10
Firefly	18	W	Tube Light	18W LED Fluorescent Straight Tube, Cool White	LFS03T8CW18	0.0179	0.19
Firefly	18	W	Tube Light	18W LED Straight Fluorescent Tube, Daylight	LFS03T8DL18	0.0179	0.19