

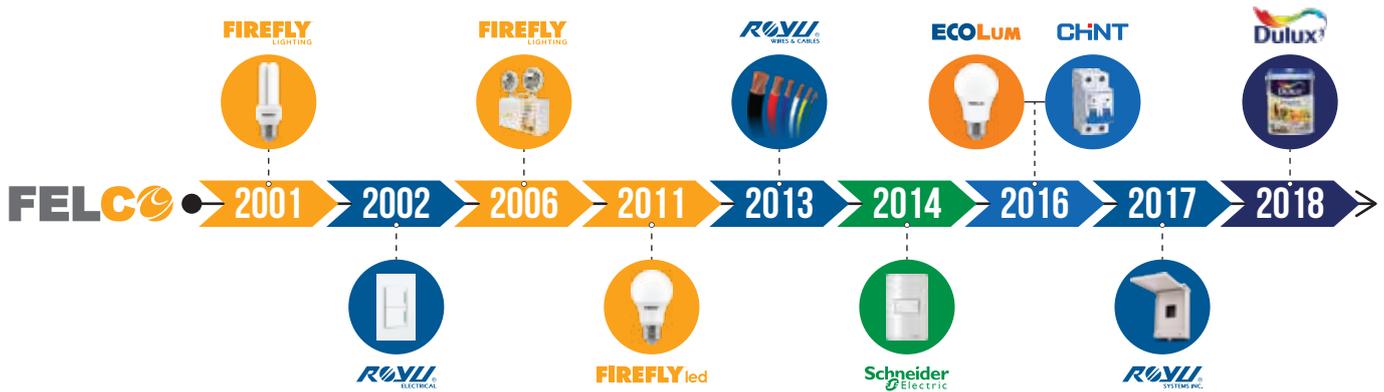


Lighting and Power Solutions for

ROADS



Our Story



FELCO was established in 2001 to engage in the marketing and sale of various lighting and electrical products in the Philippines.

The Company was able to immediately make its presence felt in the market with the launch of its very first brand and product line, the Firefly Compact Fluorescent Lamps (CFLs). Firefly CFLs were positioned as quality products with price points accessible to the broader Filipino market, a welcome alternative to the expensive imported brands available. Since then, this passion to provide quality products at affordable prices has guided FELCO in its decision to introduce brands and products in the Philippine market.

The following year, the electrical business of FELCO was born under the brand, Royu. As with Firefly, Royu switches and outlets proved to be worthwhile alternatives to Filipino consumers given the brand's practical and functional designs, and value-for-money positioning.

2006 marked the expansion of the Firefly Lighting portfolio into the growing emergency lights category with the launch of the Firefly Emergency Lamps. With a built-in rechargeable battery and stand-by function, Firefly Emergency Lamps became a must-have for buildings and establishments given the power crisis experienced by the country back then.

In 2011, FELCO entered yet again another emerging lighting technology and category, the Light-Emitting Diode (LED), under the Firefly LED brand. The first generation Firefly LEDs had a lamp life of up to 5X longer versus the comparable CFL products, and can save as much as 80% in electrical consumption when benchmarked versus the replacement incandescent bulbs. These, coupled with Firefly's accessible price position, helped accelerate the market adoption and conversion from conventional bulbs to LEDs, and resulted to significant electrical savings for the Filipino household.

FELCO ventured into the manufacturing scene in 2013 through the manufacture and sale of building wires and communication cables under the affiliate company, Royu Industrial Corporation. Using only 100% virgin copper, a smooth nylon outer finish, dual insulation technology, and market competitive pricing, Royu Wires and Cables immediately gained market acceptance.

Consistent with the company's desire to complete its market offer to target customers and consumers across various socio-economic classes, in 2014, FELCO secured the distribution of the global brand Schneider Electric and was appointed as one of its distributors in the Philippines.

In 2016, FELCO added two more brands in its portfolio roster; Ecolum LED, a lighting brand positioned to attract the economy market and first time LED users, and secured the exclusive distributorship of Chint Electric, a market-leading brand in China. Both brands proved to be instrumental in growing the footprint of FELCO in the lighting and electrical categories.

FELCO's affiliate company, Royu Industrial Corporation, also expanded its manufacturing capabilities in 2017 to cater to the growing demand for electrical enclosures (from panelboards, distribution panels, switchboards and switchgears), that can be custom-built depending on customer requirements. This was the birth of Royu Engineering Works Division.

And to further complete its portfolio, in 2018, FELCO acquired the exclusive retail distribution of Dulux Paint, one of the leading global paint brands.

Over the years, FELCO has expanded its product lines to now consist of a wide range of lighting, electrical and other construction solutions through the brand names of Firefly, Ecolum, Royu Electrical, Chint, Schneider Electric, and Dulux Paint.

With its Customers at heart, FELCO is constantly evolving, and is on the look-out for market opportunities aligned with its mission, vision and core values.

Our Mission

Improving Filipino lives by providing quality products at affordable prices.

Our Vision

To be the partner of choice for lighting and power solutions in the Philippines.

Our Core Values



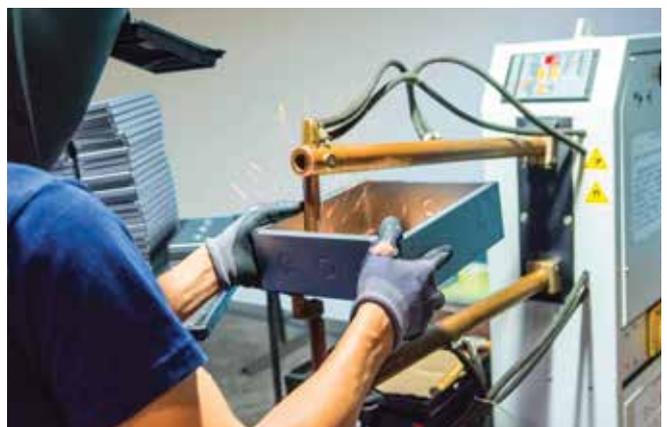
Our Nationwide Presence



Our People

FELCO credits its employees for its success. The company values each employee and is committed to helping them realize their full potential. FELCO believes that this philosophy inspires the loyalty and dedication of employees. Thus, they are highly motivated to deliver the best products and services to customers.

Our Commitment to Quality



Local & International Certifications

FELCO products go through rigorous testing procedures and conform to the highest local and international standards. That is why every time you buy a FELCO product, you are assured that you get the best value for your money.

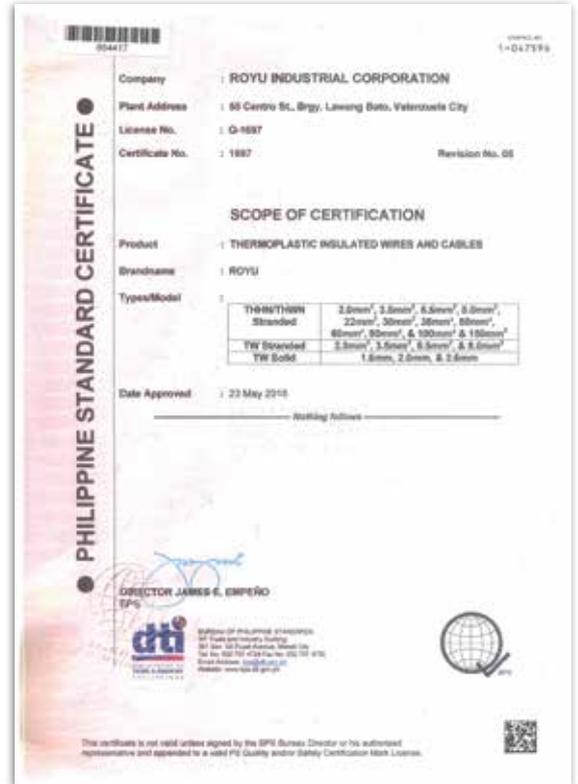


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LIGHTING SOLUTIONS



FSL2200DL

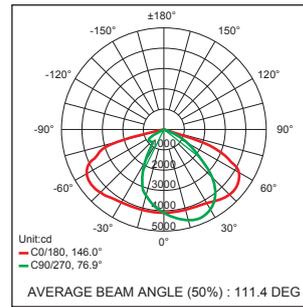
LED Streetlight

BRIGHT. LONG-LASTING. HEAVY-DUTY.

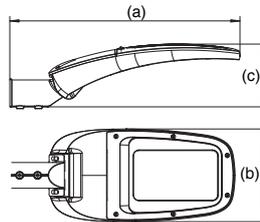
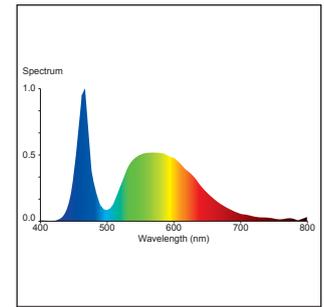
Firefly Pro LED Streetlight conforms to high quality standards which provides efficient lighting perfect for roadway applications.

FSL2120DL

Light Distribution Curve

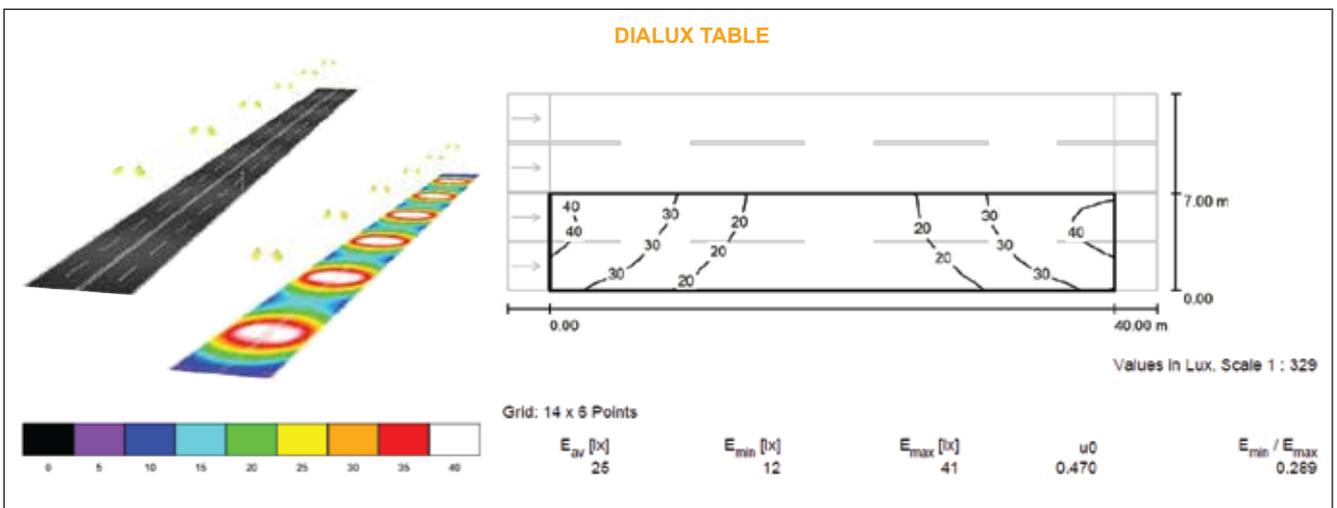
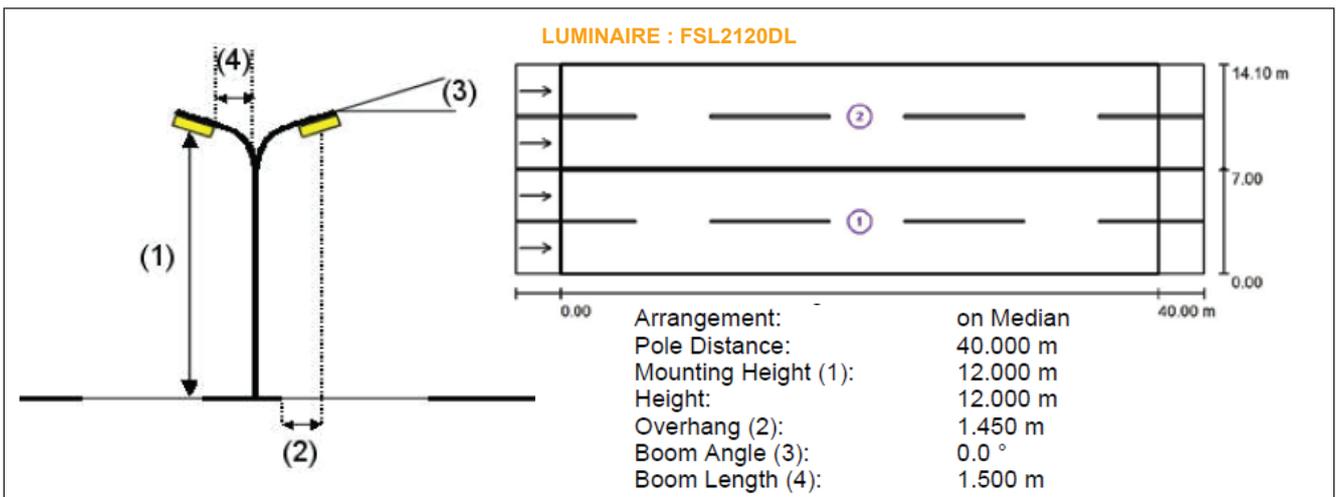


Spectral Power Distribution

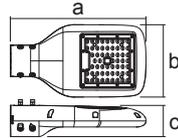


Item Code	Wattage	Lumen Output	Operating Voltage	Life Hours	Color Temperature	Beam Angle	CRI	Dimmable	IP Rating	Dimensions
	W	Lm	V	Hrs.	K	°		Yes/No		(a x b x c mm)
FSL2060DL	60	7800	90-305	50,000	5700 • Daylight	151°81	70	no	IP66	520 x 212 x 90
FSL2080DL	80	10400	90-305	50,000	5700 • Daylight	150°75	70	no	IP66	616 x 259 x 186
FSL2100DL	100	13000	90-305	50,000	5700 • Daylight	151°81	70	no	IP66	616 x 259 x 186
FSL2120DL	120	15600	90-305	50,000	5700 • Daylight	150°75	70	no	IP66	677 x 303 x 186
FSL2150DL	150	19500	90-305	50,000	5700 • Daylight	151°81	70	no	IP66	677 x 303 x 186
FSL2200DL	200	26000	90-305	50,000	5700 • Daylight	151°81	70	no	IP66	850 x 36 x 198

Arm Hole Diameter (50-62mm)



Lighting Solutions



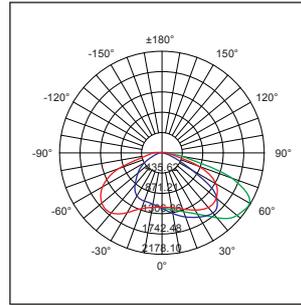
Arm Hole Dimensions



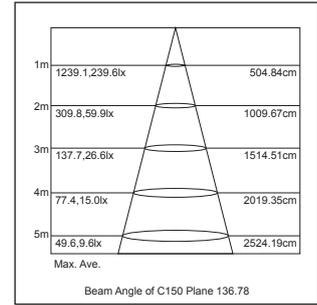
Compatible with Firefly Lamp Post.

FSL1050DL

Light Distribution Curve



Lux Distance Curve

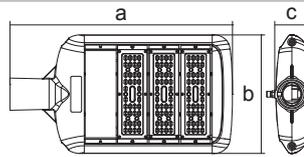


Item Code	Wattage	Lumen Output	Operating Voltage	Life Hours	Color Temperature	Beam Angle	CRI	Dimmable	IP Rating	Dimensions
	W	Lm	V	Hrs.	K	°		Yes/No		(a x b x c mm)
FSL1030DL	30	3600	100-277	50,000	6500 • Daylight	150x95°	≥ 80	no	IP65	335 x 180 x 78
FSL1050DL	50	5000	100-277	50,000	6500 • Daylight	150x95°	≥ 80	no	IP65	335 x 180 x 78

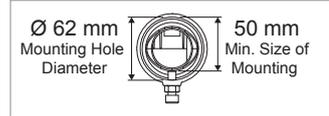
FIREFLY BASIC Series LED Streetlight



Aluminum Alloy Body



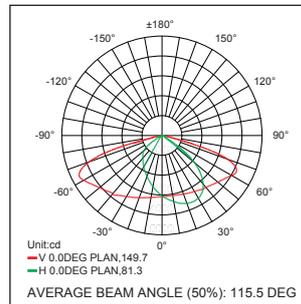
Arm Hole Dimensions



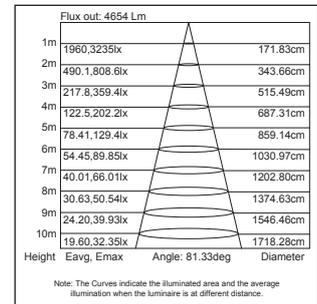
Compatible with Firefly Lamp Post.

ESL4090DL

Light Distribution Curve

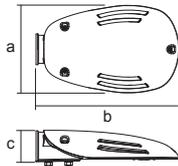


Lux Distance Curve



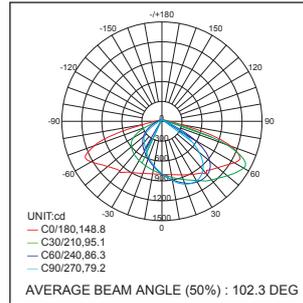
Item Code	Wattage	Lumen Output	Operating Voltage	Life Hours	Color Temperature	Beam Angle	CRI	Dimmable	IP Rating	Dimensions
	W	Lm	V	Hrs.	K	°		Yes/No		(a x b x c mm)
ESL4030DL	30	3000	90-305	30,000	5700 • Daylight	145	70	no	IP65	354 x 265 x 74
ESL4060DL	60	6000	90-305	30,000	5700 • Daylight	145	70	no	IP65	424 x 265 x 74
ESL4090DL	90	9000	90-305	30,000	5700 • Daylight	145	70	no	IP65	494 x 265 x 74
ESL4120DL	120	12000	90-305	30,000	5700 • Daylight	145	70	no	IP65	494 x 265 x 74

Accessory: Mounting Adapter
ESL100/MA

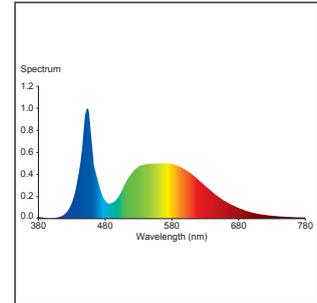


ESL5120DL

Light Distribution Curve



Spectral Power Distribution



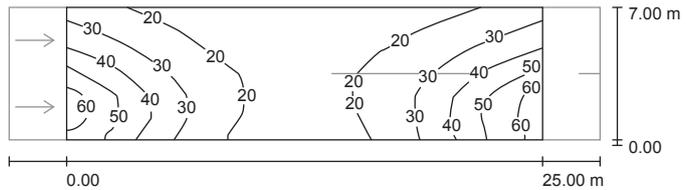
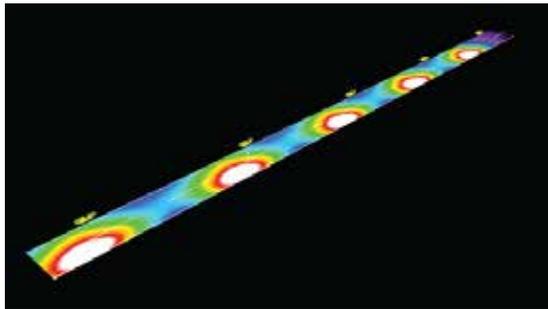
Item Code	Wattage	Lumen Output	Operating Voltage	Life Hours	Color Temperature	Beam Angle	CRI	Dimmable	IP Rating	Dimensions
	W	Lm	V	Hrs.	K	°		Yes/No		(a x b x c mm)
ESL5030DL	30	3300	100-240	30,000	5700 • Daylight	147*83	70	no	IP65	175 x 285 x 63
ESL5060DL	60	6600	100-240	30,000	5700 • Daylight	147*83	70	no	IP65	295 x 445 x 85
ESL5090DL	90	9900	100-240	30,000	5700 • Daylight	147*83	70	no	IP65	295 x 445 x 85
ESL5120DL	120	13200	100-240	30,000	5700 • Daylight	147*83	70	no	IP65	295 x 445 x 85

Arm Hole Diameter:

ESL4030DL: 40 - 50 mm

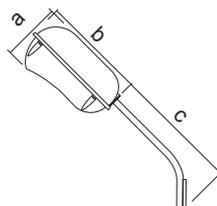
ESL4060DL, ESL4090DL, ESL4120DL: 42 - 62 mm

DIALUX SIMULATION
 ESL5120DL - 25 meters apart



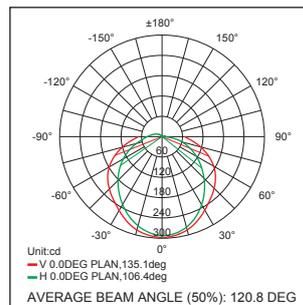
ROAD (2 DRIVEWAY)	
Width	7 m
Spacing	25
Overhang	1.5 m
Lamp Post	20 Ft.
Arrangement	Single Row

Lighting Solutions

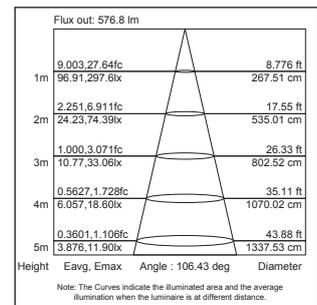


ELSR112DL

Light Distribution Curve



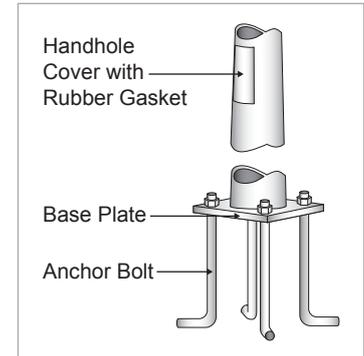
Lux Distance Curve



Item Code	Wattage	Lumen Output	Operating Voltage	Life Hours	Color Temperature	Beam Angle	CRI	Dimmable	IP Rating	Dimensions
	W	Lm	V	Hrs.	K	°		Yes/No		(a x b x c mm)
ELSR112DL	12	960	90-265	30,000	6000 • Daylight	120	70	no	IP65	105 x 200 x 285

Customized lamp post designs are accepted.
Process and production lead times to be discussed with client.

- Hot dip galvanized Lamp Post and Arm
- Epoxy silver paint finish
- Anchor bolts with nuts and washer
- With arm attachment accessories
- One-piece round tapered shaft
- Steel base plate
- Q235 Steel
- Can withstand up to 120kph wind speed
- Maximum Static Load of 40kgs. (Arm/Lamp/Accessories Attachment)
- 3mm thickness



Single Arm
For Lamp Post

Item Code	Description	General Dimensions
FRL3-SA5X5.4	Single Arm for All Lamp Posts	5 ft. x 5.4 ft.

Double Arm
For Lamp Post

Item Code	Description	General Dimensions
FRL/DA5X10	Double Arm for All Lamp Posts	5 ft. x 10 ft.

Lamp Post

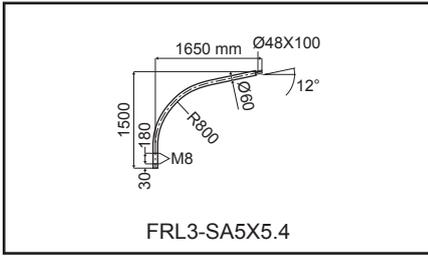
Item Code	Description	General Dimensions
FRL3-P15-4	Post for Lamp Post 15'	10 ft. x 105 mm Ø
FRL3-P20-5	Post for Lamp Post 20'	15 ft. x 125 mm Ø
FRL4-P25-5	Post for Lamp Post 25'	20 ft. x 150 mm Ø
FRL4-P30-6	Post for Lamp Post 30'	25 ft. x 175 mm Ø

Anchor Bolt

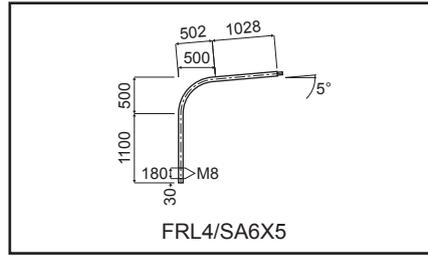
Item Code	Description	General Dimensions
FRLA-M18-100X500	Anchor Bolt for Lamp Post 15'	M18 x 500 mm x 100 mm
FRLA-M18-100X600	Anchor Bolt for Lamp Post 20'	M18 x 600 mm x 100 mm
FRLA-M20-100X600	Anchor Bolt for Lamp Post 25'	M20 x 600 mm x 100 mm
FRLA-M20-100X700	Anchor Bolt for Lamp Post 30'	M20 x 700 mm x 100 mm

Note: No powder coating included

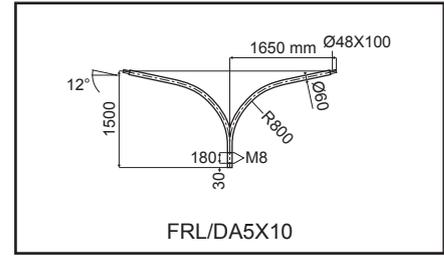
Single Arm



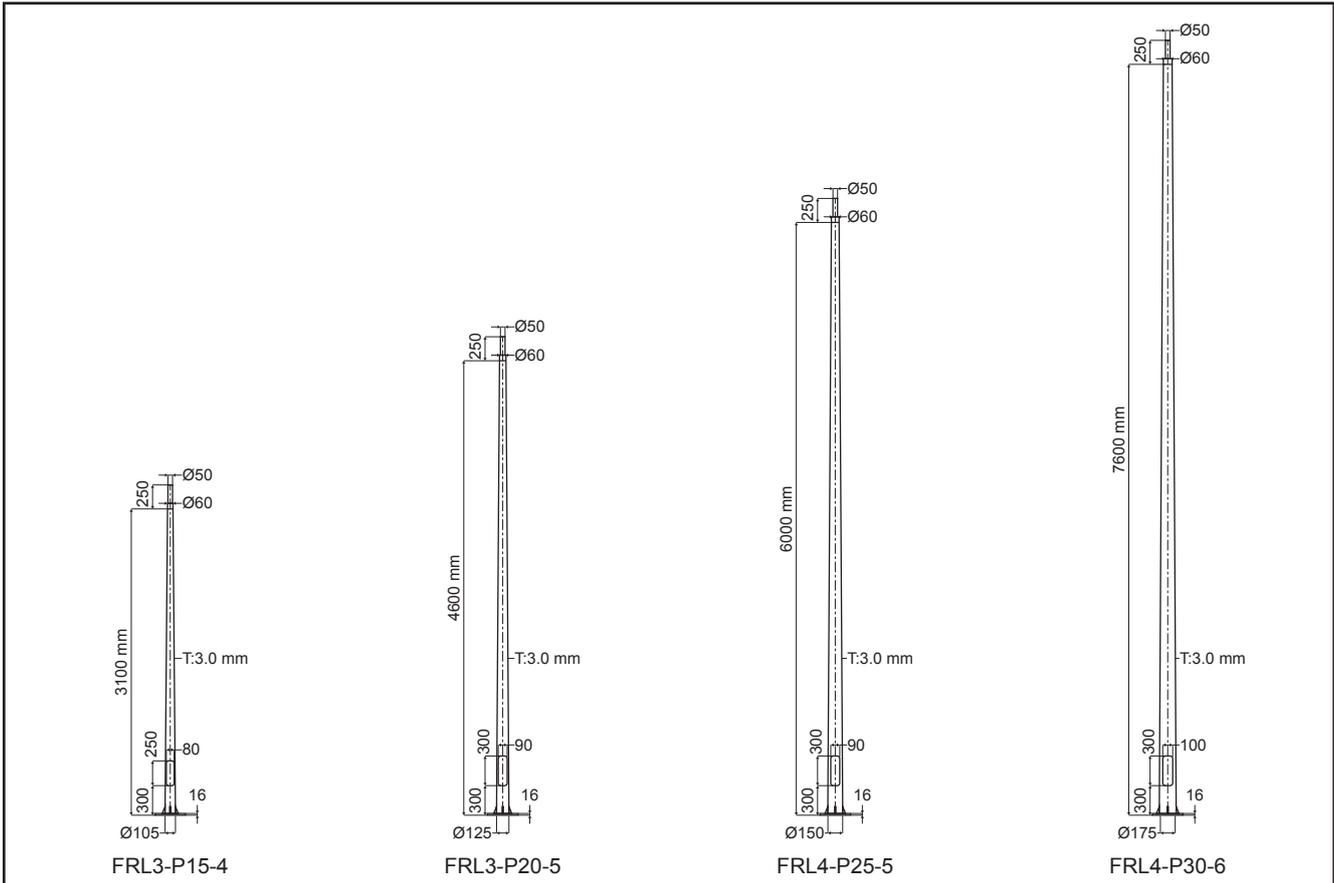
Single Arm



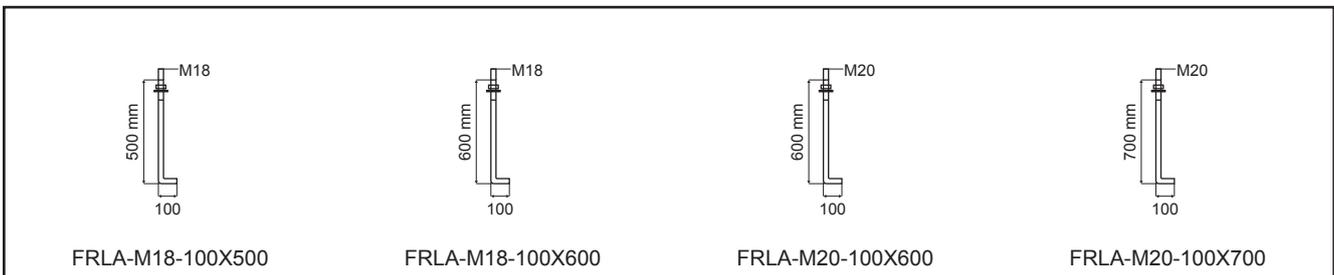
Double Arm



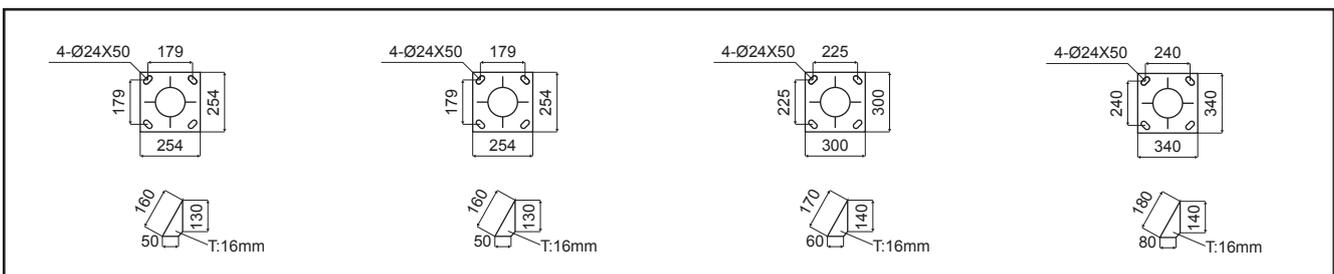
Lamp Post



Anchor Bolt



Base Plate



Lighting Solutions

ROYU[®] ELECTRICAL SOLUTIONS



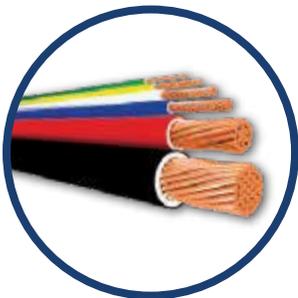
Our Story

Royu Industrial Corporation is a manufacturing company that produces and sells building wires and communication cables under the brand Royu Wires and Cables. The company upholds the vision of providing quality and affordable products to the market that is why it uses only 100% virgin copper in the manufacturing of its wires and cables and offer it to the market at a competitive price.

Through the years, the company through Royu Systems Inc. has expanded its product portfolio and introduced electrical enclosures such as panelboards, distribution panels, switchboards and switchgears that can be custom-built to suit customer needs.

The company built its manufacturing facility in Metro Manila which uses state-of-the-art machines and equipment from Germany operated by licensed mechanical and electrical engineers. It is an affiliate of Firefly Electric and Lighting Corporation (FELCO), a leading lighting, electrical and power solutions company in the Philippines, owners of the powerhouse brands Firefly Lighting, Royu Electrical, and EcoLum LED. FELCO also distributes Chint Electric, Schneider Electric, and Dulux Paints in the Philippines.

Our Products



Wires & Cables



Panel Board



Breakers

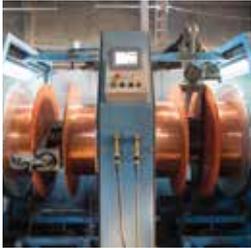
Our Manufacturing Excellence

All Royu Electrical products go through a rigorous design process that optimizes the speed of production using state-of-the-art machines without compromising quality.

Royu Industrial Corp.



This European multi-wire drawing machine has a high production capacity by producing multiple wires at the same time. It is able to maintain high productivity while maximizing the electrical properties of the wire.



This European strander is the only one of its kind in the building cable manufacturing in the Philippines. Its new design ensures that cable quality is more consistent than its predecessors.



This European extrusion machine ensures that the insulation's electrical property and dimension are maximized. Problems such as off-centering, inconsistency of thickness, over or under burning of insulation materials are prevented with this machine.

Royu Systems, Inc.



Computer Controlled Pre-treatment

All metal parts are chemically treated to provide a first layer of protection and strengthen paint adhesion. The fully-automated dipping system ensures that metal parts are treated thoroughly and receive the same phosphate coating thickness.



Painting System with Robotic Spray Guns

Our German-made powder coating machine with robotic spray guns ensures an accurate powder coating thickness across all metal parts.



Spot Welding

An efficient welding process is in place given the high level of precision in the punching and bending processes. Components are accurately aligned and fitted resulting in products that provide high IP and IK ratings.

Our Commitment to Quality

No product is released from the manufacturing facility without undergoing quality control checks. Experienced engineers use sophisticated equipment and tests to rigorously assess the products, such as:

Royu Industrial Corp.



Profile Projector

A computer controlled measuring instrument used to measure wires and cables insulation thickness, centering, and outside diameter.



Universal Testing Machine

It is used to check the capacity of the PVC and copper to withstand loads tending to elongate. The insulation tensile strength is automatically computed by the computer attached to the measuring equipment.



Thermostatic Water Tank

It tests the insulation resistance and withstand voltage of wires and cables submerged in water. It can be used in conjunction with the insulation resistance testing machine and withstand voltage testing machine.

Royu Systems, Inc.



Primary Current Injection Test System

The most advanced Primary Current Injection Test System is used to inject currents in the circuit to assess whether the relay will trip and determine the length of time before the trip is triggered.



Thermal Imager

This imager combined with current injector can simulate the temperature rise of breakers, busbars, and their connections.

ELECTRICAL SOLUTIONS



ROYU[®]
INDUSTRIAL CORPORATION



CERTIFIED
Product Safety
License No. Q-1697

THHN/THWN Stranded

HIGH QUALITY. SAFE. **VALUE FOR MONEY.**

Passed through rigorous quality and performance tests for product safety and reliability.

100% LEAD-FREE
with DUAL INSULATION

Smooth Nylon
Colored Outer PVC
100% Conductivity Virgin Copper
White Inner PVC

100% CONDUCTIVITY VIRGIN COPPER

FIRE RETARDANT

SMOOTH NYLON FOR EASY INSTALLATION

Item Code	Gauge	Size	90°C THHN Ampacity*	Meters / Pack.				Available Colors
				BOX	SPOOL	COIL	REEL	
		mm ²						Red, Yellow, Green, Blue, White & Black
RTN14A	14 AWG	2.0 mm ²	35					● ● ● ● ● ●
				150M / Box				● ● ● ● ● ●
RTN12A	12 AWG	3.5 mm ²	40					● ● ● ● ● ●
				150M / Box				● ● ● ● ● ●
RTN10A	10 AWG	5.5 mm ²	55					● ● ● ● ● ●
				150M / Box				● ● ● ● ● ●
RTN8A	8 AWG	8.0 mm ²	75					● ● ● ● ● ●
				100M / Box				● ● ● ● ● ●
RTN6A	6 AWG	14 mm ²	110					● ● ● ● ● ●
RTN4A	4 AWG	22 mm ²	145					● ● ● ● ● ●
RTN2A	2 AWG	30 mm ²	165					● ● ● ● ● ●
RTN1A	1 AWG	38 mm ²	195					● ● ● ● ● ●
RTN1/0A	1/0 AWG	50 mm ²	235					● ● ● ● ● ●
RTN2/0A	2/0 AWG	60 mm ²	265					● ● ● ● ● ●
RTN3/0A	3/0 AWG	80 mm ²	325					● ● ● ● ● ●
RTN4/0A	4/0 AWG	100 mm ²	380					● ● ● ● ● ●
RTN250M	250 MCM	125 mm ²	445					● ● ● ● ● ●
RTN300M	300 MCM	150 mm ²	505					● ● ● ● ● ●
RTN400M	400 MCM	200 mm ²	590					● ● ● ● ● ●
RTN500M	500 MCM	250 mm ²	685					● ● ● ● ● ●

*Allowable Ampacity of Single-Insulated Conductors rated up to and including 2000 Volts in Free Air based on Ambient Temperature of 30° C as per the latest edition of the Philippine Electrical Code (PEC 2017).

Electrical Solutions

PANEL BOARDS & BREAKERS



Low Voltage
Switchgear



HIGH QUALITY. SAFE. **VALUE FOR MONEY.**

Offers ready-made and custom-built electrical enclosures and accessories.



Automatic Transfer Switch



Main Distribution Panel



Lighting Panel



Network Cabinet



Circuit Breaker Gutter



Cable Trays & Ladder

Electrical Solutions

10KA with ON/OFF indicator



Item Code	Poles	KA	Voltage		Modules	Rated Current
			KA	VAC		
NB1-63H2PC1010KA	2P	10	400		2 Modules	10
NB1-63H2PC1610KA	2P	10	400		2 Modules	16
NB1-63H2PC2010KA	2P	10	400		2 Modules	20
NB1-63H2PC2510KA	2P	10	400		2 Modules	25
NB1-63H2PC3210KA	2P	10	400		2 Modules	32
NB1-63H2PC4010KA	2P	10	400		2 Modules	40
NB1-63H2PC5010KA	2P	10	400		2 Modules	50
NB1-63H2PC6310KA	2P	10	400		2 Modules	63
NB1-63H3PC610KA	3P	10	400		3 Modules	6
NB1-63H3PC1010KA	3P	10	400		3 Modules	10
NB1-63H3PC1610KA	3P	10	400		3 Modules	16
NB1-63H3PC2010KA	3P	10	400		3 Modules	20
NB1-63H3PC3210KA	3P	10	400		3 Modules	32
NB1-63H3PC4010KA	3P	10	400		3 Modules	40
NB1-63H3PC5010KA	3P	10	400		3 Modules	50
NB1-63H3PC6310KA	3P	10	400		3 Modules	63

CHNT Enclosures

Metal Enclosure

Wall Mount, Indoor & Outdoor Applications, IP54, Galvanized Steel, Powder Coated

NXW5-2520-6050 1.2mm Thickness, NXW5-7050-10080 1.5mm Thickness



Item Code	Dimensions
NXW5-2520/15	250x200x150
NXW5-3025/15	300x250x150
NXW5-3030/20	300x300x200
NXW5-4030/15	400x300x150
NXW5-4040/20	400x400x200
NXW5-5040/15	500x400x150
NXW5-5040/20	500x400x200
NXW5-6050/20	600x500x200
NXW5-7050/20	700x500x200
NXW5-7050/25	700x500x250
NXW5-8060/20	800x600x200
NXW5-8060/30	800x600x300
NXW5-10080/30	1000x800x300

CHNT Contactors

Magnetic Contactor



Item Code	Rated Operational Current 400VAC	KW		HP		Auxiliary Contacts
		230VAC	400VAC	240VAC	460VAC	
NC1-0910	9	2.2	4	3	5	1NO
NC1-0901	9	2.2	4	3	5	1NC
NC1-1210	12	3	5.5	5	7.5	1NO
NC1-1201	12	3	5.5	5	7.5	1NC
NC1-1810	18	4	7.5	7.5	10	1NO
NC1-1801	18	4	7.5	7.5	10	1NC
NC1-2510	25	5.5	11	10	15	1NO
NC1-2501	25	5.5	11	10	15	1NC
NC1-3210	32	7.5	15	15	20	1NO
NC1-3201	32	7.5	15	15	20	1NC
NC1-5011	50	15	22	20	30	1NO+1NC
NC1-8011	80	22	37	30	40	1NO+1NC
NC1-9511	95	25	45	30	50	1NO+1NC

Rated Voltage 690VAC, KAIC rating based on 400VAC



Item Code	Poles	AT	AF	KA
		AT	AF	KA
NM1-125H-2P-25A	2P	25	125	50
NM1-125H/2300 32A	2P	32	125	50
NM1-125H/2300 40A	2P	40	125	50
NM1-125H/2300 50A	2P	50	125	50
NM1-125H/2300 63A	2P	63	125	50
NM1-125H/2300 80A	2P	80	125	50
NM1-125H/2300 100A	2P	100	125	50
NM1-125H/2300 125A	2P	125	125	50
NM1-250H/2300 125A	2P	125	250	50
NM1-250H/2300 160A	2P	160	250	50
NM1-250H/2300 180A	2P	180	250	50
NM1-250H/2300 200A	2P	200	250	50
NM1-250H/2300 225A	2P	225	250	50



Item Code	Poles	AT	AF	KA
		AT	AF	KA
NM1-125C/3300 32A	3P	32	125	20
NM1-125C/3300 40A	3P	40	125	20
NM1-125C/3300 50A	3P	50	125	20
NM1-125C/3300 63A	3P	63	125	20
NM1-125C/3300 80A	3P	80	125	20
NM1-125C/3300 100A	3P	100	125	20
NM1-125C/3300 125A	3P	125	125	20

CHNT Electrical Accessories



Selector Switch
Short Handle

Item Code	Description
NP2-BD21	1NO, 2 positions
NP2-BD25	1NO+1NC, 2 positions
NP2-BD33	2NO, 3 positions



Selector Switch
Long Handle

Item Code	Description
NP2-BJ21	1NO, 2 positions
NP2-BJ25	1NO+1NC, 2 positions
NP2-BJ33	2NO, 3 positions



Timers
Time Switch

Item Code	Description
NKG3 8-ON 8-OFF	8-ON 8-OFF 220VAC

Electrical Solutions

iC60H (C-curve)
"H" Version, 2-Pole



Item Code	Rated Current	IEC/EN 60898-1 Household Application		IEC/EN 60947-2 Industrial Application	
		Icn at 230V (L-N) / 400V (L-L)	Icu at 220-240V (L-L)	Icu at 380-415V (L-L)	Icu at 440V (L-L)
SE-A9F84202	2A	10 kA	70 kA	70 kA	50 kA
SE-A9F84203	3A	10 kA	70 kA	70 kA	50 kA
SE-A9F84204	4A	10 kA	70 kA	70 kA	50 kA
SE-A9F84206	6A	10 kA	30 kA	15 kA	10 kA
SE-A9F84210	10A	10 kA	30 kA	15 kA	10 kA
SE-A9F84216	16A	10 kA	30 kA	15 kA	10 kA
SE-A9F84220	20A	10 kA	30 kA	15 kA	10 kA
SE-A9F84225	25A	10 kA	30 kA	15 kA	10 kA
SE-A9F84232	32A	10 kA	30 kA	15 kA	10 kA
SE-A9F84240	40A	10 kA	30 kA	15 kA	10 kA
SE-A9F84250	50A	10 kA		15 kA	10 kA
SE-A9F84263	63A	10 kA		15 kA	10 kA

Schneider Electric Moulded Case Circuit Breakers



30KAIC, 415V

Item Code	Rating		
	2-Pole	3-Pole	
SE-EZC100H2015		SE-EZC100H3015	15AT/100AF
SE-EZC100H2020		SE-EZC100H3020	20AT/100AF
SE-EZC100H2025		SE-EZC100H3025	25AT/100AF
SE-EZC100H2030		SE-EZC100H3030	30AT/100AF
SE-EZC100H2040		SE-EZC100H3040	40AT/100AF
SE-EZC100H2050		SE-EZC100H3050	50AT/100AF
SE-EZC100H2060		SE-EZC100H3060	60AT/100AF
SE-EZC100H2075		SE-EZC100H3075	75AT/100AF
SE-EZC100H2080		SE-EZC100H3080	80AT/100AF
SE-EZC100H2100		SE-EZC100H3100	100AT/100AF

Schneider Electric Contactors



TESYS CONTACTORS
Auxiliary Contact 1NO+1NC

Item Code	Rated operational current (Recommended) (Ie), AC-3 (Ue ≤ 440 V)	KW		HP	
		220V	440V	220V	440V
SE-LC1D09	9A	2.2	4	3	5.5
SE-LC1D12	12A	3	5.5	4	7.5
SE-LC1D18	18A	4	9	5.5	-
SE-LC1D25	25A	5.5	11	7.5	15
SE-LC1D32	32A	7.5	15	10	20
SE-LC1D38	38A	9	18.5	-	25
SE-LC1D40	40A	11	22	15	30
SE-LC1D50	50A	15	30	20	40
SE-LC1D65	65A	18.5	37	25	50
SE-LC1D80	80A	22	45	30	60
SE-LC1D95	95A	25	45	-	60
SE-LC1D115	115A	30	59	40	75
SE-LC1D150	150A	40	80	-	100

Note:

- The -M7 and -R7 are coil voltage rating for controls and not operating voltage (power)
- Rated operational current indicated are for operating voltage (Ue) of 440 and below

**Use M7 for 220V Coil and R7 for 440V Coil

Please contact:



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