



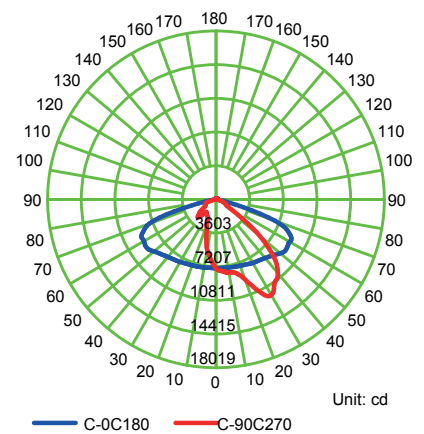
RND-ST660

Reliable Lighting Products For Municipal Applications

Features and Benefits:

- More than 50% energy savings, uses significantly less energy than conventional street lighting solution.
- Modes of installation: fixed side entry.
- Die-cast aluminium housing design with ingress protection (IP) and Surge protection.
- Gasket Material: Heat Resistance Silicon Rubber.
- Excellent thermal management that reduces early failures.
- World class, high quality components (LED/ Driver / Lenses etc.).
- Optional 7-pin NEMA Socket capped (short-circuited).
- LED driver is replaceable without impacting the LED units.
- Electrical Safety Grade: Class I.
- Long Lifespan 100,000 Hrs.

Luminous Intensity Distribution Curve

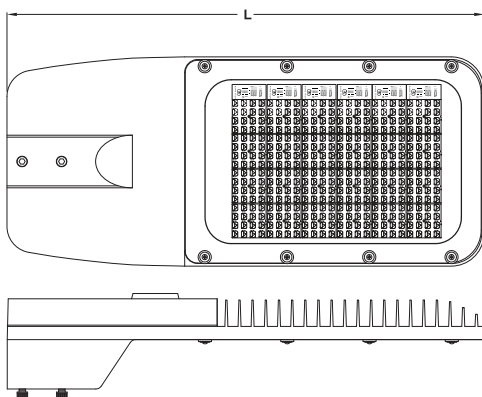


C Plane (°):10.0 :360.0-0.0 Gamma Plane (°):180.0:1.0-0.0
 Test Lab: DASH TECH Test Device: LSG1800-B
 Test Type: TYPE C Distance: 11,060 m
 Temperature: 25 Humidity: 35
 Operator: ENG.abdalla Inspector:

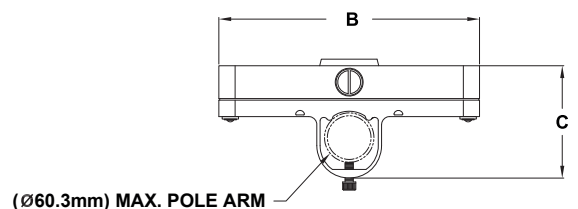
Product size:

All dimensions in millimeters

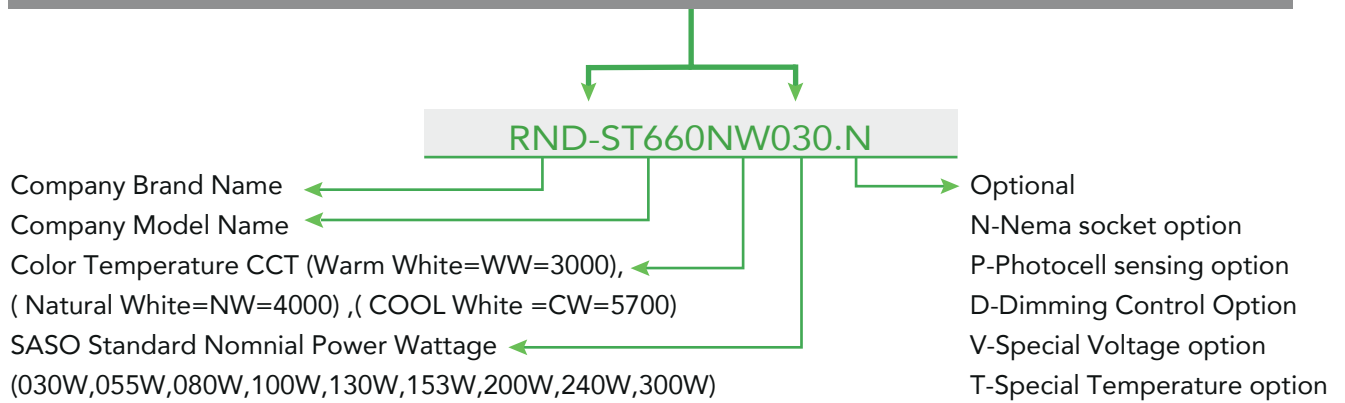
Picture Of Luminaire



Size	Length (L) [mm]	Width (B) [mm]	Height (C) [mm]
Size1	422	318	132
Size 2	522	318	132
Size 3	600	318	132
Size 4	855	318	132



Product Code Description :



Technical parameters:

Product Model	RND-ST660
LED Source	Lumiled
Lenses Source	LEDIL
Driver System	Programable, Dimmable
Driver Brand	Inventronics
Power	030-055-080-100-130-153-200-240-300 Watts
Efficacy	130:140 lm/W
Color Rendering Index (CRI)	≥70
Correlated Color Temperature (CCT)	3000 - 4000 - 5700 Kelvin
Working temperature Range	-15°C ~ +50°C Optional (60°C)
Power Factor	≥0.9
Voltage & Frequency	[100-277] VAC / [50 - 60] Hz / (optional 305,480VAC)
Installation	Side Entry
Working Life-span	100,000 Hrs
Color of Luminaire Housing	Gray RAL 7040
IP Rating	IP66
IK Rating	IK08
Certifications	SASO 2927 : 2019

Model Number:

RND-ST660NW030	RND-ST660WW030	RND-ST660CW030
RND-ST660NW055	RND-ST660WW055	RND-ST660CW055
RND-ST660NW080	RND-ST660WW080	RND-ST660CW080
RND-ST660NW100	RND-ST660WW100	RND-ST660CW100
RND-ST660NW130	RND-ST660WW130	RND-ST660CW130
RND-ST660NW153	RND-ST660WW153	RND-ST660CW153
RND-ST660NW200	RND-ST660WW200	RND-ST660CW200
RND-ST660NW240	RND-ST660WW240	RND-ST660CW240
RND-ST660NW300	RND-ST660WW300	RND-ST660CW300

More options available



RND-ST660

LED STREET LUMINAIRE

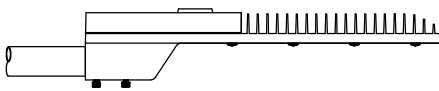
INSTALLATION INSTRUCTIONS

NOTE:

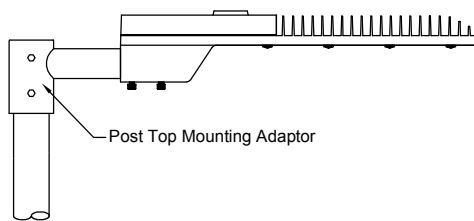
This luminaire is designed for outdoor applications, hence should not be installed in an enclosed areas with limited ventilations and with high ambient temperature.

MOUNTING

The fixture can be Post side mounted or Post top mounted using Post top mounting adaptor.



Post Side Mounting



Post Top Mounting

WIRING



The Luminaire must be installed and maintained by a Qualified Technician only.

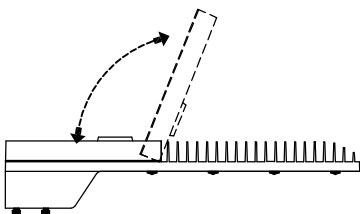


Fig. 2

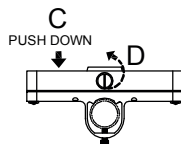


Fig. 4

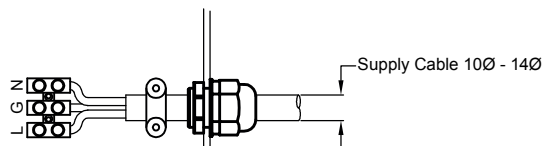


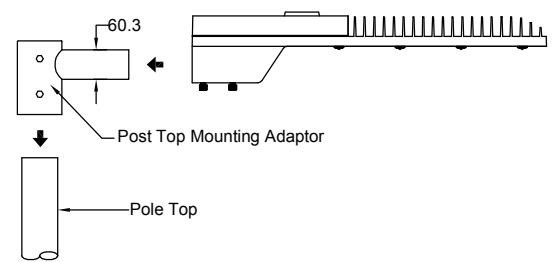
Fig. 3

- > Open the luminaire by slightly pushing down the cover (C) then, twisting the Twist knob (D) counter clockwise as shown in Fig. 4.
- Swing the Cover forward till it locks to position. (Fig. 2).
- > Check supply voltage against the required voltage on the label.
- > Insert cable through the cable gland and connect to the terminal block. (Fig. 3). Recommended wire size is from 2.0mm² to 6.0mm².
- > Make all electrical connections in accordance with National Electrical code or any local electrical code.

INSTALLATION

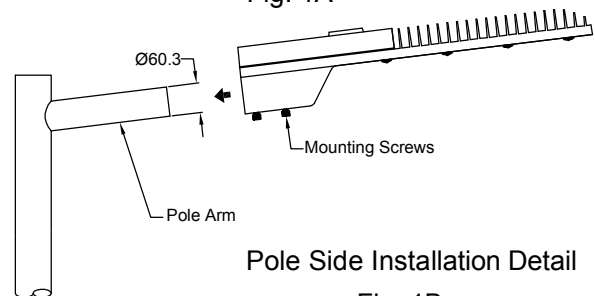


- > Remove all packaging materials before installation.
- > Determine the mounting position and adjust the universal mounting attachment correspondingly.
- > Loosen the mounting screws to clear the pole arm .
- > Fix the luminaire to the post / pole as desired and tighten the mounting screws. (Fig. 1A & 1B)



Post Top Installation Detail

Fig. 1A



Pole Side Installation Detail

Fig. 1B

MAINTENANCE

