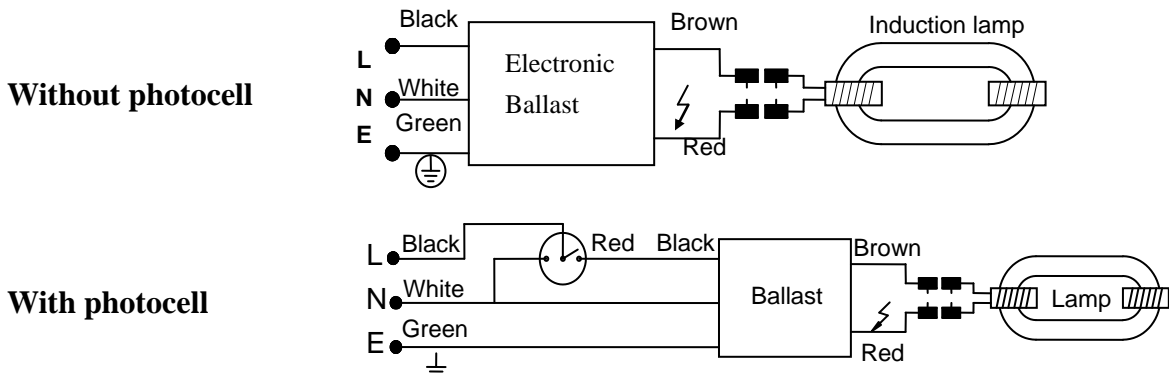


1. Main Data

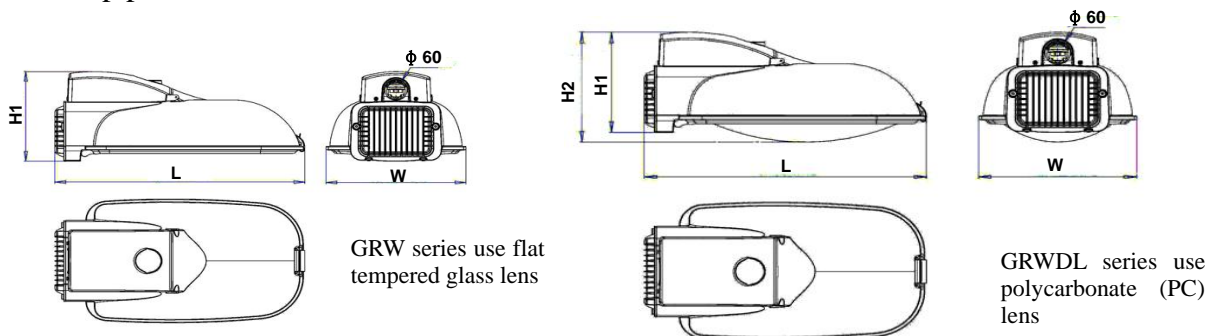
Fixture Model	Lamp Type	Power Supply (V)	Input Wattage (W)	Working Current (A)	Ballast Model	Power Factor (COS ϕ)
GRW-40E	ST40W	110-277V AC 50/60Hz	42	0.35~0.16	MHTST-40-U-GRW	≥ 0.95
GRWDL-40E	RT40W					
GRW-55E	ST55W		58	0.49~0.21	MHTST-55-U-GRW	
GRWDL-55E	RT55W					
GRW-70E	ST70W		74	0.62~0.27	MHTST-70-U-GRW	
GRWDL-70E	RT70W					
GRW-100E	ST100W		105	0.88~0.41	MHTST-100-U-GRW	
GRWDL-100E						
GRW-120E	ST120W		126	1.05~0.45	MHTST-120-U-GRW	
GRWDL-120E						
GRW-150E	ST150W		158	1.33~0.63	MHTST-150-U-GRW	
GRWDL-150E						
GRW-200E	ST200W		210	1.76~0.80	MHTST-200-U-GRW	
GRWDL-200E						
GRW-250E	ST250W	263	2.19~1.05	MHTST-250-U-GRW		
GRWDL-250E						

2. Circuit Diagram



3. Outline and Dimensions

- The proposed lighting installation height: 8m~10m (25ft~33ft).
- The proposed lighting installation angle: Elevation 0~15° .
- Screw's torque exert on fixed support of Luminaire: 13~15 Newton meter.
- Lamp post diameter: $\phi 50 \sim \phi 60$







Model	L	W	H1	H2
GRW-40E	588.7	364.6	244.9	/
GRWDL-40E				265.3
GRW-55E	588.7	364.6	244.9	/
GRWDL-55E				265.3
GRW-70E	588.7	364.6	244.9	/
GRWDL-70E				265.3
GRW-100E	688.4	385.6	278.9	/
GRWDL-100E				305.3
GRW-120E	688.4	385.6	278.9	/
GRWDL-120E				305.3
GRW-150E	688.4	385.6	278.9	/
GRWDL-150E				305.3
GRW-200E	912.6	436	275.9	/
GRWDL-200E				309.3
GRW-250E	912.6	436	275.9	/
GRWDL-250E				309.3

(mm)

4. Installation and Maintenance Instruction

4.1  **Note:** The efficient and reliable grounding is a must not only for the personal protection, but also for the proper use of electronic ballast to meet the national standard of EMC without interference to the equipment.

 **Warning:** Do not use Luminaire when there is no reliable ground, or you'll responsible for the consequences.

4.2 The Luminaire shall be installed in the area with good ventilation, no corrosive gas and no combustible and explosive objects.

4.3 The supply voltage is allowed to be varied at 110V-277V. It will influence the normal start and operation of lamp and damage the electronic ballast if it is outside of this range.

4.4 The maintenance can only be done after the power is off and the lamp is cold down.

4.5 Proposed use the three-core cable conductor as the input lead of power supply. The insulation maximum temperature of the cable conductor is 105°C.

4.6 Do not remove the lighting tube when the power on.

4.7 The product shall be installed and serviced by the competent and certified electrician.

4.8 The ambient temperature is allowed to be -20°C~+40°C.

4.9 Do not open the hood when use.

Fixture Installation Instructions:



1 Unscrew the two screws at the pole entry.



2 Open the pole cover.



3 Loosen the bolt of the bracket and put the pole in



4 Set the level of the fixture and tighten the bolt at the torque of 13~15 N·M.



5 The customer's cable is pulled through the pole and wire press. Connect the wire as per the wiring diagram.



6 Close the cover of the pole and tighten the two screws at the pole entry.

Photocell Control Instruction:



1 Loosen the setting screw of the receptacle



2 Adjust receptacle to the needed direction with the flat screw driver



3 Fasten the setting screw of the receptacle



4 Assemble the sensor