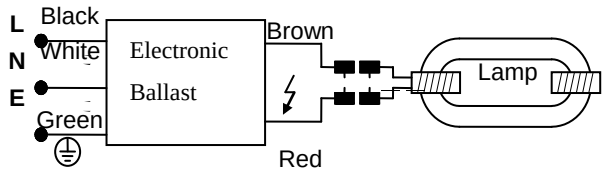
1. Main Data

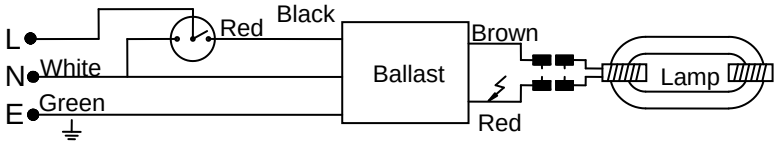
Fixture Model	Lamp Type	Supply Voltage (V)	Input Wattage (W)	Working Current (A)	Ballast Model	Power Factor (COSϕ)	Net Weight (kg)
MHT-GS-70E MHT-GS-80E	ST70W	120V～277V AC （-10%~+10%） 50/60Hz	74	0.62～0.27	MHTST-70-U-GS	⩾0.95	7.0
	ST80W		84	0.70～0.32	MHTST-80-U-GS		7.1
MHT-GS-100E	ST100W		105	0.88～0.41	MHTST-100-U-GS		7.3
MHT-GS-120E MHT-GS-150E	ST120W		126	1.05～0.46	MHTST-120-U-GS		7.5
	ST150W		158	1.33～0.63	MHTST-150-U-GS		7.7

2. Circuit Diagram

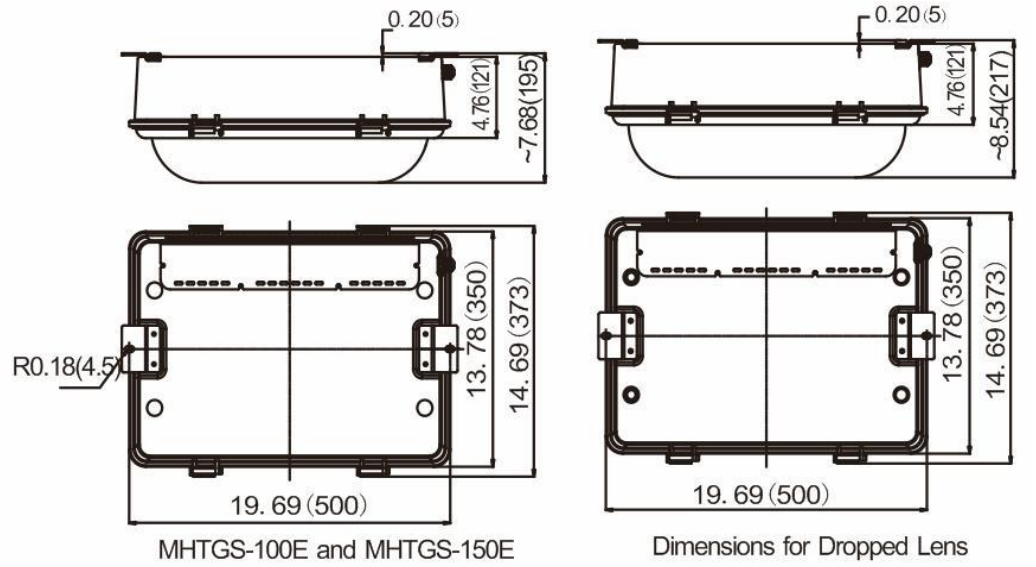
Without Photocell



With Photocell



3. Outline Dimensions (inch/mm)



※ **Mounting:** It shall be hung vertically and the distance between the fixture and the object to be lit shall not be less than 1.0 meter (3.28 feet).

4. Installation and Maintenance Instruction:

4.1 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.

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 +10% to -10%. 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 be done only after the power is cut off and the lamp is cold down.

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

4.6 The wiring inside the Luminaire is tool-free and it is not allowed to disconnect the lamp with power on.

4.7 The input power cable shall be three-core type with minimum temperature of the insulation at 75 ℃.

4.8 The ambient temperature is allowed to be -20℃ to +40℃.

4.9 Do not operate the Luminaire when the cover is open.

Note:

1. The cover shall be replaced when it is cracked.
2. The above data is subject to change without notice.

⚠ **Warning:** The Luminaire shall be grounded reliably to avoid accidental power leakage and electric shock.