

LED GARDEN LIGHT- PT02

IZUMI LED
TECHNOLOGY OF JAPAN

LED Garden Light - PT02



Product Description

IZUMI LED Post Top is perfect for Area Lighting and new construction applications in industrial outdoor applications, such as gardens, roads, pathways, and outdoor applications. Photocell and motion sensor available. A 3CCT & 4Wattage DIP switch helps the customer save SKUs. Innovative field optical- select capability accomplished by one integrated lens.

Features

- Innovative Optic Selectable capability accomplished 3 different distribution (T3/T4/T5) in one fixture.
- Five mounting brackets allow pole mount, wall mount, pole mount(Single arm), ceiling mount, and direct mount installations.
- High efficacy up to 180lm/W.
- 3CCT(3000/4000/5000K) and 4 Wattages Selectable offer SKU reduction.
- Automated Dusk to Dawn photocell functionality.
- Plug-in and Zhaga socket microwave motion sensor available.
- Emergency driver available.

Compliance

•Lens: Polycarbonate

•Housing: Die-cast Aluminum

•Finish: Bronze(Standard), Custom finishes available

•Impact Protection: IK08~IK10

•UL

•DLC



Application

- Gardens
- Roads
- Pathways Outdoor
- Residential Outdoor
- Commercial



Warranty

5-Year Standard Warranty
LED lumen Maintenance: >100,000 HRS (L70)

Technical Parameter

Electrical

Specification	PT02-16-80Z-AD4C3OSF	PT02-16-135Z-AD4C3OSF	PT02-16-80Z-AD4C3T5F	PT02-16-135Z-AD4C3T5F	PT02-16-80Z-AD4C3T3F	PT02-16-135Z-AD4C3T3F
Rated Power	80/60/50/40W Selectable	135/100/80/60 W Selectable	80/60/50/40W Selectable	135/100/80/60 W Selectable	80/60/50/40W Selectable	135/100/80/60 W Selectable
Input Voltage	AC120-277V / AC120-347V					
Input Frequency	50/60Hz					
Power Factor	>0.95					

Optical

Specification	PT02-16-80Z-AD4C3OSF	PT02-16-135Z-AD4C3OSF	PT02-16-80Z-AD4C3T5F	PT02-16-135Z-AD4C3T5F	PT02-16-80Z-AD4C3T3F	PT02-16-135Z-AD4C3T3F
Lumens Per Watt	160lm/W~180lm/W					
CCT	3000/4000/5000K Selectable					
CRI	>70					
LED Type	SMD2835					
Distribution	T3/T4/T5-Selectable					
THD	<20%					

Environmental

Specification	PT02-16-80Z-AD4C3OSF	PT02-16-135Z-AD4C3OSF	PT02-16-80Z-AD4C3T5F	PT02-16-135Z-AD4C3T5F	PT02-16-80Z-AD4C3T3F	PT02-16-135Z-AD4C3T3F
Operating Temp.	−40°F to 113°F(-40°C to +45°C)					

Mechanical

Specification	PT02-16-80Z-AD4C3OSF	PT02-16-135Z-AD4C3OSF	PT02-16-80Z-AD4C3T5F	PT02-16-135Z-AD4C3T5F	PT02-16-80Z-AD4C3T3F	PT02-16-135Z-AD4C3T3F
Surge Protection	L/N 6KV, L/N-P 6KV-10KV					
Lens	Polycarbonate					
Housing	Die-cast Aluminum					
Finish	White					
DIM	0-10V					
Size	16"					
IP Rating	IP66					

Remarks: 1.All above efficacy and lumens are subject to CRI>70 @4000K, please check IES files for accurate data.

2.PT02-16-80Z-AD4C3XXF, Z denotes voltage, L=AC120-277V, M=AC120-347V; A denotes function, S2=photocell, M2=photocell and emergency driver, S=microwave motion sensor, M=microwave motion sensor and emergency driver;

D4C3 denotes 0-10 V dimming, 4 wattage, and 3 CCT selectable; XX denotes lighting distribution, OS = Optic selectable, T5 = T5, T3 = T3;

F denotes mounting bracket, Y=Pole mount bracket, W=Wall mount bracket, D=Direct mount bracket, SA=Single-arm bracket, A=Arm mount bracket, C=Ceiling bracket,

3.Factory default settings: Photocell is ON, T5, Max wattage, highest CCT.

4.Please note that the PT02 series does not include the pole by default.

Die-cast aluminum housing
provides great heat dissipation



Dusk to dawn Photocell(Optional)

Plug-in/Zhaga sensor(Optional)





Photocell On/Off
Field-adjustable CCT
Field-adjustable Wattage
Field-adjustable Lighting Distribution

5 Kinds of Mounting Bracket



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Pole Mount Bracket PT02Y



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Wall Mount Bracket PT02W



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Direct Mount Bracket PT02D



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Direct Mount Bracket PT02SA



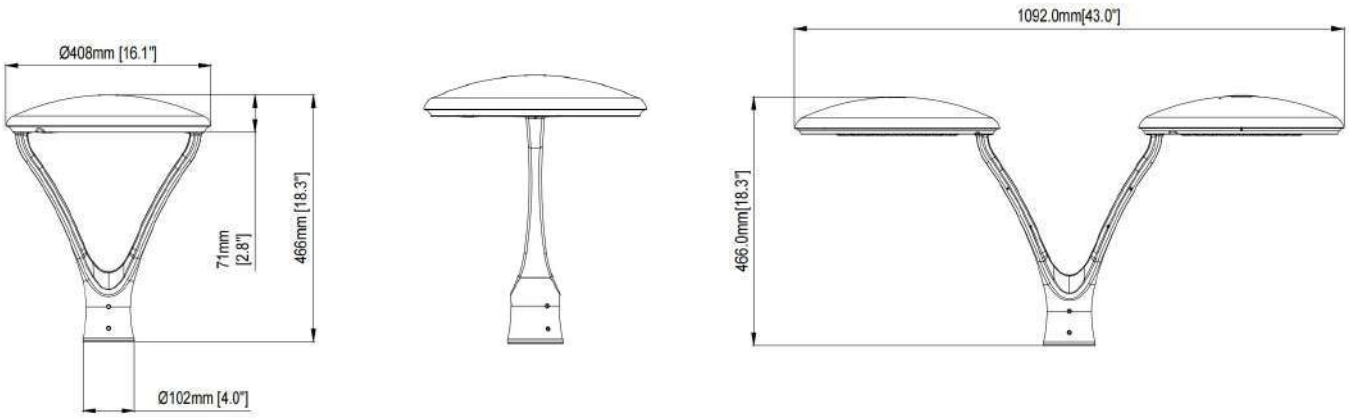
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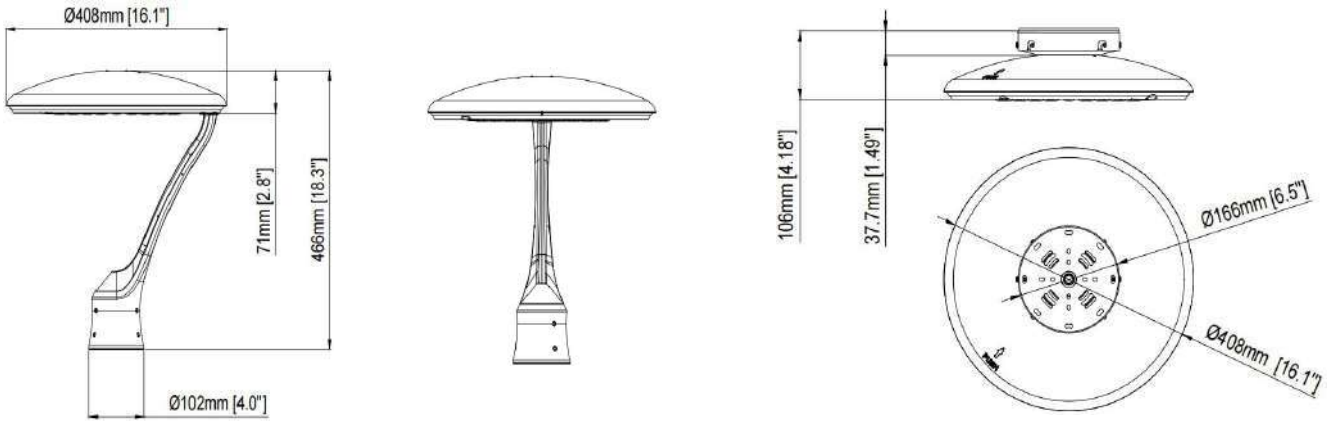
Ceiling Mount PT02C

Product Dimensions

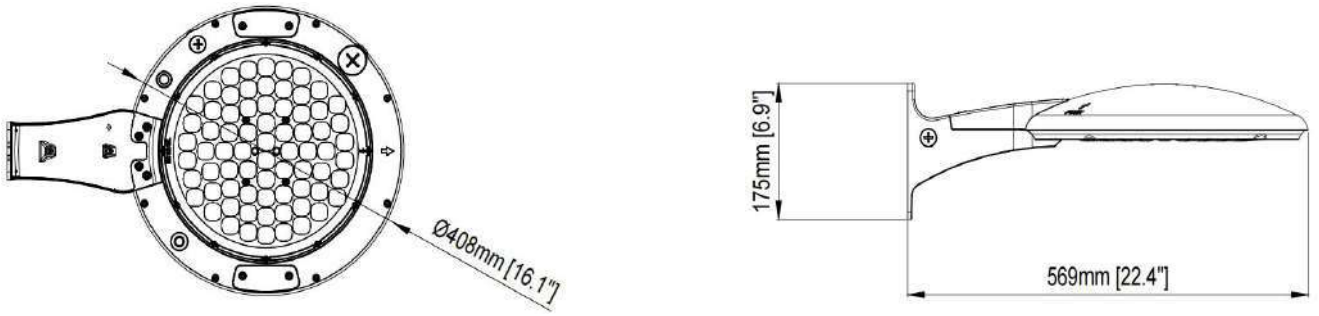
(unit: mm & inch)



PT02Y



PT02SA **PT02C**



PT02W & PT02D

Packing Info. (Factory Default)

- Fixture with mounting bracket

Product Size(inch&mm)	Net Weight (kg)	Gross Weight (kg)	Carton Size(inch & mm)	Q'ty/CTN (PCS)	20GP (PCS)	40HQ (PCS)
PT02Y 16.1*16.1*18.3" 408.0*408.0*466mm	6.13	7.00	16.4*16.4*8.0" 417.0*417.0*204.5mm	1	715	1680
PT02W 22.4*16.1*6.9" 569.0*408.0*175.0mm	5.61	6.80	21.0*16.4*5.1" 533.0*417.0*130.0mm	1	928	2318
PT02D 22.4*16.1*6.9" 569.0*408.0*175.0mm	5.70	6.78	21.0*16.4*4.6" 533.0*417.0*116.0mm	1	1044	2562

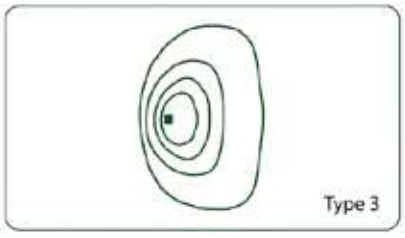
- Fixture only

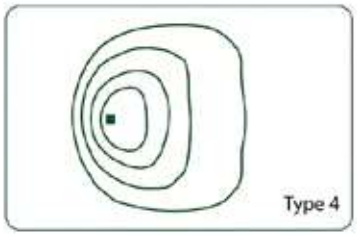
Product Size(inch&mm)	Net Weight (kg)	Gross Weight (kg)	Carton Size(inch & mm)	Q'ty/CTN (PCS)	20GP (PCS)	40HQ (PCS)
PT02 16.1*16.1*2.8" 408.0*408.0*71.0mm	4.36	5.08	16.4*16.4*3.9" 417.0*417.0*100.0mm	1	1570	3696

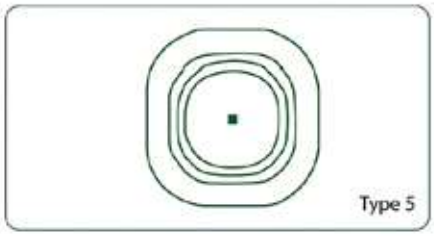
- Mount Bracket Only

Product Size(inch&mm)	Net Weight (kg)	Gross Weight (kg)	Carton Size(inch & mm)	Q'ty/CTN (PCS)	20GP (PCS)	40HQ (PCS)
Pole Mount Bracket 14.9*4.0*16.0" 378.0*102.0*407.4mm	1.78	11.19	21.9*15.7*17.1" 555.0*398.0*434.0mm	5	1475	3660
Wall Mount Bracket 4.5*6.9*9.4" 115.0*174.6*238.5mm	1.25	12.70	19.6*14.9*10.3" 498.0*378.0*263.0mm	8	4352	10224
Direct Mount Bracket 3.9*6.9*9.5" 99.8*175.0*242.0mm	1.3	11.9	17.4*15.0*10.6" 442.0*381.0*269.0mm	8	4992	11520

Photometric







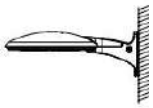
Mounting

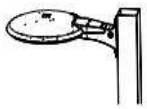
- Pole Mount Bracket
  - Pole Mount
  - Pole Mount(dual head bracket)
- Pole Mount(single-arm bracket)
- Wall Mount Bracket
- Direct Mount Bracket
  - Arm Mount(Square)
  - Arm Mount(Round)
- Ceiling Mount

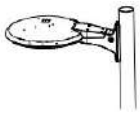

Pole Mount


Pole Mount(Dual head bracket)


Pole Mount(Single-arm bracket)


Wall Mount


Arm Mount(Round)


Arm Mount(Square)


Ceiling Mount

Accessories (Sold separately)

Picture	Item #	Description
	ACC-PT02Y-PM01-BZ	Mounting Bracket, Pole Mount, Bronze finish
	ACC-PT02W-WM01-BZ	Mounting Bracket, Wall Mount, Bronze finish
	ACC-PT02D-DM01-BZ	Mounting Bracket, Direct Mount, Bronze finish
	ACC-PT02Y-SA01-BZ	Mounting Bracket, Pole Mount(Single arm), Bronze finish
	ACC-PT02C-CM01-BZ	Mounting Bracket, Ceiling Mount, Bronze finish
	ACC-PT02Y-AD-2-BZ	Adapter for changing 3" to 2-3/8", using for Pole Mount, Bronze finish
	ACC-PT02Y-AD-4-BZ	Adapter for changing 3" to 4", using for Pole Mount, Bronze finish
	ANT-5-ZT	Sharkward Zhaga Microwave Motion Sensor
	ANT-5-ZT-BLE-GE	Sharkward Zhaga Bluetooth Microwave Motion Sensor
	ANT-5-4T	Sharkward Plug-in Microwave Motion Sensor
	ANT-5-4T-BLE-GE	Sharkward Plug-in Bluetooth Microwave Motion Sensor
	ZYS-P10M ZYS-P10A	ZYS-P10M, 10KV Surge Protector for AC120-347V ZYS-P10A, 10KV Surge Protector for AC120-277V
	OJ-M715-B	Ojun 3 Pin Photocell