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LED Bollards - BR06

Interchangeable Bollards Heads, CCT & Power & Photocell 3-in-1 switches

Rev.7/30/25





Description

RZ's new Bollards are your first choice for garden lighting projects. 3 IN 1 switch is selectable for CCT, wattage, and photocell ON/OFF control. D2D photocell can automatically turn off at sunrise or during the day, and automatically light up at sunset or night. Interchangeable Bollards Heads can help to reduce SKU and save volume, also can meet different project demands.

Application

- Walkways
- Entrance ways
- Driveways
- Outdoor Commercial
- Outdoor Residential

Certificate

- UL
- DLC (Pending)

Add: 4F, Bldg. B, Zhongjing Sci-Tech Park, 606 Fengtang Blvd, Bao'an, Shenzhen, China 518103 | T: +86-755-27803791 | W: www.rzledlighting.com

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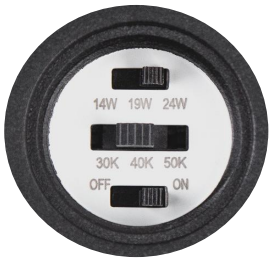
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LED Bollards - BR06

Key Features

- 3-in-1 switch buttons, CCT Selectable & Power Adjustable & Photocell On/Off.
- Cone reflector, Louvered reflector and Decorative different shapes.
- Dome top and Flat top are options.
- AC120-277V & AC120-347V for options.
- ADC12 Aluminum die-casting housing provides excellent heat dissipation.
- Bronze and black finish.
- Waterproof rated IP65.





Field-adjustable wattage

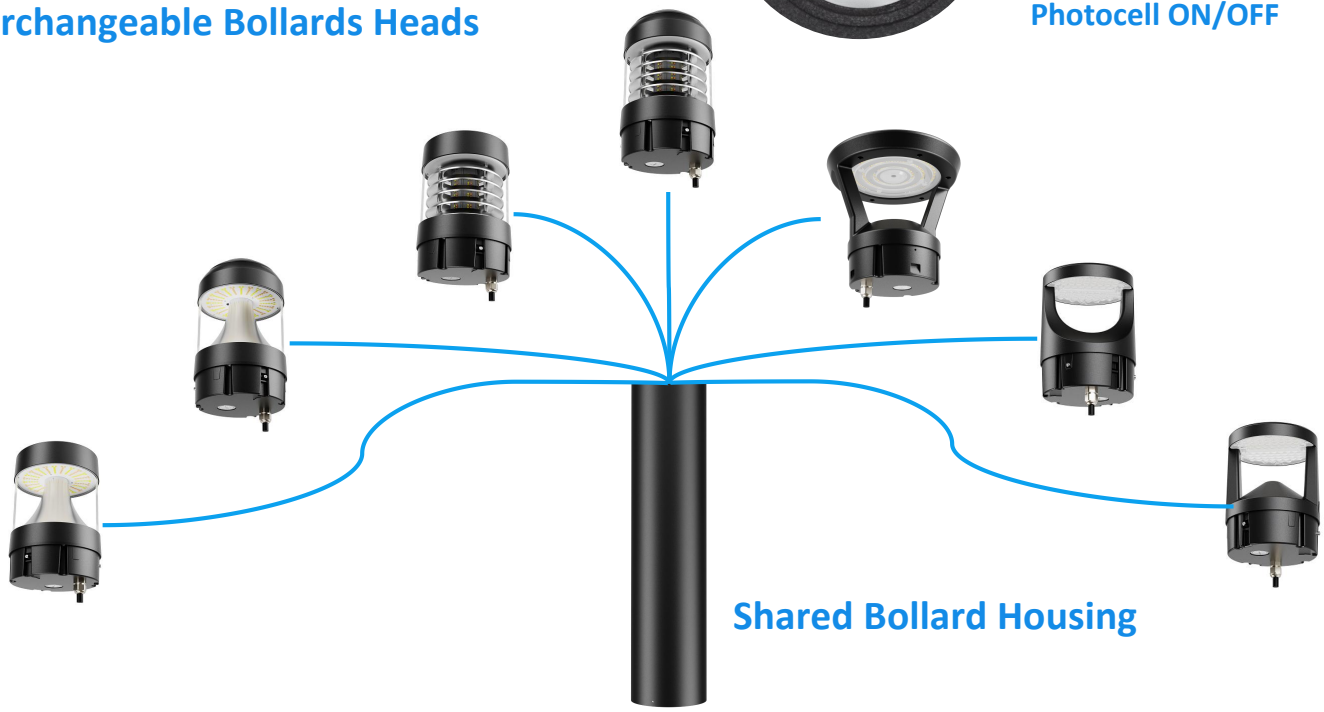
3 Wattage selectable

Field-adjustable CCT

3CCT Selectable: 3000K/4000K/5000K

Photocell ON/OFF

Interchangeable Bollards Heads





BR06A	BR06B	BR06C	BR06D	BR06E	BR06F	BR06G
Cone reflector	Cone reflector	Louvered reflector	Louvered reflector	Decorative	Decorative	Decorative

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LED Bollards - BR06

Performance Summary

Model NO. #	Top Shape	Size	Watts	3 CCT	LPW	Lumens(±10%)	Voltage	DIM	CRI	Beam Angle
BR06A-XX-24Z-AD3C3	Flat	42" 36" 30" 24"	24/19/14W Selectable	3CCT Selectable 3000K 4000K 5000K	140lm/W	3300LM@24W	AC120-277V AC120-347V	0-10V	>80	Type V
BR06B-XX-24Z-AD3C3	Dome				140lm/W	3300LM@24W			>80	
BR06C-XX-24Z-AD3C3	Flat				70lm/W	1600LM@24W			>80	
BR06D-XX-24Z-AD3C3	Dome				70lm/W	1600LM@24W			>80	
BR06E-XX-24Z-AD3C3	Decorative				120lm/W	2800LM@24W			>80	
BR06F-XX-24Z-AD3C3	Flat				120lm/W	2800LM@24W			>70	
BR06G-XX-24Z-AD3C3	Flat				120lm/W	2800LM@24W			>70	

Remarks: 1. All above efficacy and lumens are subject to @5000K, please check IES files for accurate data.

2. BR06A-XX-24Z-AD3C3, XX denote size, XX can be 42/36/30/24; Z denotes voltage, L=AC120-277V, M=AC120-347V; A denotes function, S1 = PIR sensor, S2 = Photocell, E = emergency driver, M1 = PIR sensor & emergency driver, M2 = Photocell & emergency driver; D3C3 denotes 0-10V dimming, 3 wattage selectable, and 3 CCT selectable.

3. CCT & Power Selectable models ship preset at the highest CCT and the highest wattage. Factory default settings for Photocell is ON.

4. DLC is not available for BR06C and BR06D models.

Performance

- LED Type: SMD2835
- Power Factor: ≥0.90
- THD: <20%
- IP Rating: IP65
- Surge Protection: L/N 4KV, L/N-P 4KV
  L/N 1KV, L/N-P 2KV (EM)
- IK rated: IK08
- Operating Temp.:−40°F to 122°F (-40°C to +50°C) for standard
  41°F to 113°F (5°C to +45°C) for EM version
  −13°F to 122°F (-25°C to +50°C) for PIR version

Construction

- Lens: Polycarbonate
- Housing: Die-cast aluminum
- Finish: Bronze, Black



Black finish



Bronze finish

Mounting

- Anchor bolt

Accessories (Sold separately)

Picture	Item#	Description
	ACC-BR06-RT	Retrofit plate, black and bronze finish available.
	ACC-BR06-SS	180° Spill shield, black and bronze finish available. (Only available for BR06ABCD)
	EMY-04150DO-U3	Helpower, Emergency driver, AC120-277V, 4W.
	ZYS-P10A	ZYS-P10A, 10KV Surge Protector for AC120-277V.
	ZYS-P10M	ZYS-P10M, 10KV Surge Protector for AC120-347V.
	MS018	Mosentek, PIR sensor, white finish

180° Spill Shield



Retrofit Plate



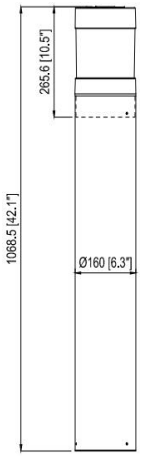
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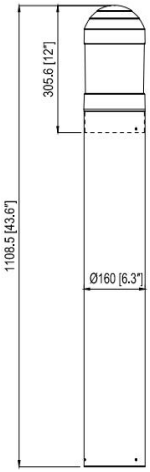
Product Dimension

(unit: mm & inch)

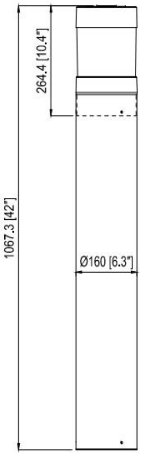
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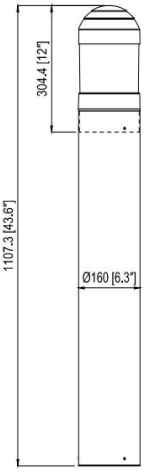
42” BR06A



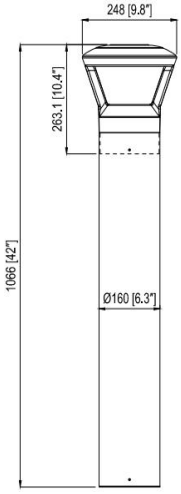
42” BR06B



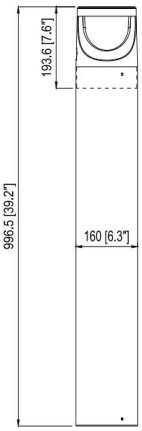
42” BR06C



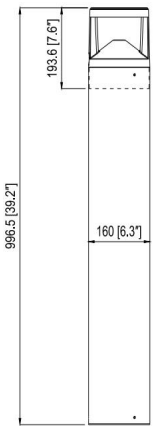
42” BR06D



42” BR06E

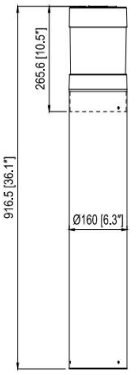


42” BR06F

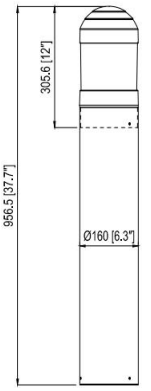


42” BR06G

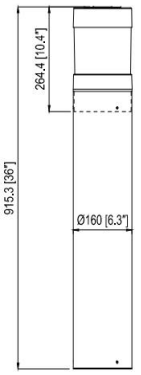
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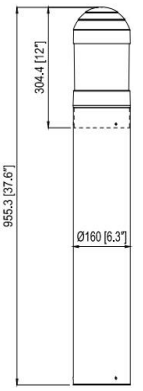
36” BR06A



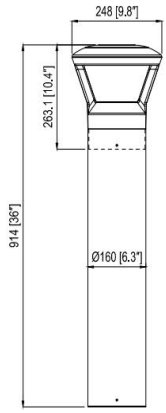
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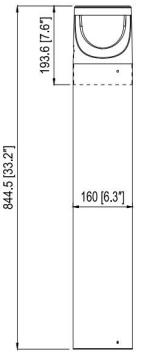
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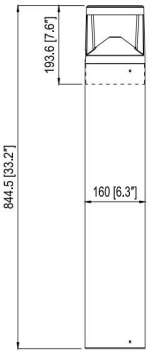
36” BR06D



36” BR06E

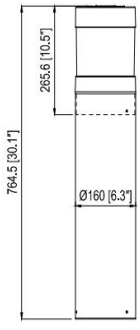


36” BR06F

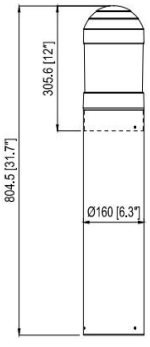


36” BR06G

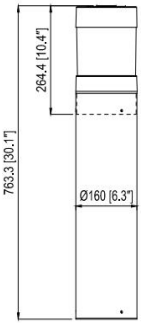
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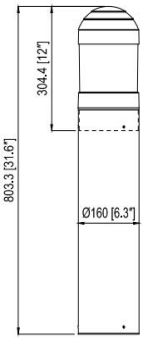
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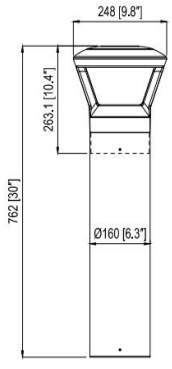
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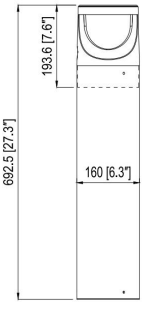
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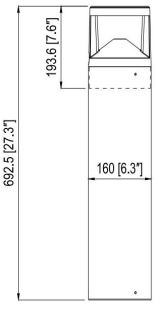
30” BR06D



30” BR06E

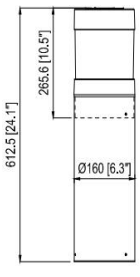


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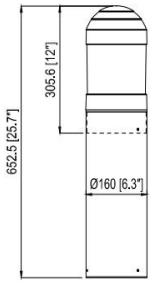


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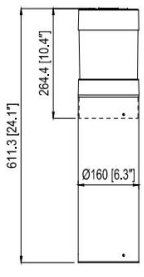
24”



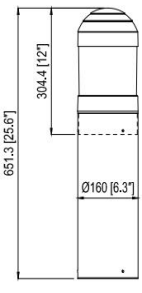
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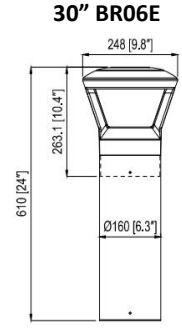
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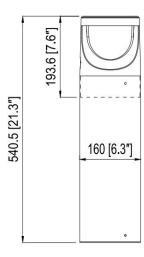
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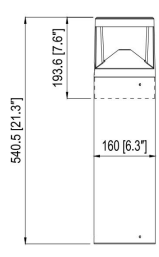
24” BR06D



24” BR06E



24” BR06F



24” BR06G

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LED Bollards - BR06

Product Dimension

(unit: mm & inch)

Model	42''	36''	30''	24''
Bollard Housing	ϕ6.3" x 33.5" ϕ160 x 852mm	ϕ6.3" x 27.6" ϕ160 x 700mm	ϕ6.3" x 21.6" ϕ160 x 548mm	ϕ6.3" x 15.6" ϕ160 x 396mm
BR06A	ϕ6.3" x 42.1" ϕ160 x 1068.5mm	ϕ6.3" x 36.1" ϕ160 x 916.5mm	ϕ6.3" x 30.1" ϕ160 x 764.5mm	ϕ6.3" x 24.1" ϕ160 x 612.5mm
BR06B	ϕ6.3" x 43.6" ϕ160 x 1108.5mm	ϕ6.3" x 37.7" ϕ160 x 956.5mm	ϕ6.3" x 31.7" ϕ160 x 804.5mm	ϕ6.3" x 25.7" ϕ160 x 652.5mm
BR06C	ϕ6.3" x 42.0" ϕ160 x 1067.3mm	ϕ6.3" x 36.0" ϕ160 x 915.3mm	ϕ6.3" x 30.1" ϕ160 x 763.3mm	ϕ6.3" x 24.1" ϕ160 x 611.3mm
BR06D	ϕ6.3" x 43.6" ϕ160 x 1107.3mm	ϕ6.3" x 37.6" ϕ160 x 955.3mm	ϕ6.3" x 31.6" ϕ160 x 803.3mm	ϕ6.3" x 25.6" ϕ160 x 651.3mm
BR06E	ϕ9.8" x 42.0" ϕ248 x 1066mm	ϕ9.8" x 36.0" ϕ248 x 914mm	ϕ9.8" x 30.0" ϕ248 x 762mm	ϕ9.8" x 24.0" ϕ248 x 610mm
BR06F	ϕ6.3" x 39.2" ϕ160 x 996.5mm	ϕ6.3" x 33.2" ϕ160 x 844.5mm	ϕ6.3" x 27.3" ϕ160 x 692.5mm	ϕ6.3" x 21.3" ϕ160 x 540.5mm
BR06G	ϕ6.3" x 39.2" ϕ160 x 996.5mm	ϕ6.3" x 33.2" ϕ160 x 844.5mm	ϕ6.3" x 27.3" ϕ160 x 692.5mm	ϕ6.3" x 21.3" ϕ160 x 540.5mm

Packing Info. (Bollard Head & Bollard Housing)

(unit: mm & inch)

Product Size (inch & mm)	Net Weight (kg)	Gross Weight (kg)	Carton Size (inch & mm)	Q'ty/CTN (PCS)	20GP (PCS)	40HQ (PCS)
BR06A-42" ϕ6.3" x 42.1" ϕ160 x 1068.5mm	5.15	6.45	44.61"x8.27"x8.39" 1133*210*213mm	1	520	1210
BR06B-42" ϕ6.3" x 43.6" ϕ160 x 1108.5mm	5.25	6.55	46.18"x8.27"x8.39" 1173*210*213mm	1	460	1155
BR06C-42" ϕ6.3" x 42.0" ϕ160 x 1067.3mm	5.90	7.20	44.61"x8.27"x8.39" 1133*210*213mm	1	520	1210
BR06D-42" ϕ6.3" x 43.6" ϕ160 x 1107.3mm	5.95	7.30	46.18"x8.27"x8.39" 1173*210*213mm	1	460	1155
BR06E-42" ϕ9.8" x 42.0" ϕ248 x 1066mm	5.55	7.35	44.57"x11.58"x11.69" 1132*294*297mm	1	266	632
BR06F-42" ϕ6.3" x 39.2" ϕ160 x 996.5mm	4.80	6.15	41.77"x8.27"x8.39" 1061*210*213mm	1	540	1210
BR06G-42" ϕ6.3" x 39.2" ϕ160 x 996.5mm	4.70	6.05	41.77"x8.27"x8.39" 1061*210*213mm	1	540	1210

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BR06A-36" ϕ6.3" x 36.1" ϕ160 x 916.5mm	4.65	5.85	38.62"x8.27"x8.39" 981*210*213mm	1	600	1397
BR06B-36" ϕ6.3" x 37.7" ϕ160 x 956.5mm	4.75	5.95	40.20"x8.27"x8.39" 1021*210*213mm	1	590	1364
BR06C-36" ϕ6.3" x 36.0" ϕ160 x 915.3mm	5.40	6.60	38.62"x8.27"x8.39" 981*210*213mm	1	600	1397
BR06D-36" ϕ6.3" x 37.6" ϕ160 x 955.3mm	5.45	6.70	40.20"x8.27"x8.39" 1021*210*213mm	1	590	1364
BR06E-36" ϕ9.8" x 36.0" ϕ248 x 914mm	5.05	6.76	38.58"x11.57"x11.69" 980*294*297mm	1	301	720
BR06F-36" ϕ6.3" x 33.2" ϕ160 x 844.5mm	4.30	5.55	35.79"x8.27"x8.39" 909*210*213mm	1	640	1496
BR06G-36" ϕ6.3" x 33.2" ϕ160 x 844.5mm	4.20	5.45	35.79"x8.27"x8.39" 909*210*213mm	1	640	1496
BR06A-30" ϕ6.3" x 30.1" ϕ160 x 764.5mm	4.25	5.35	32.64"x8.27"x8.39" 829*210*213mm	1	710	1672
BR06B-30" ϕ6.3" x 31.7" ϕ160 x 804.5mm	4.35	5.45	34.21"x8.27"x8.39" 869*210*213mm	1	640	1496
BR06C-30" ϕ6.3" x 30.1" ϕ160 x 763.3mm	5.00	6.10	32.64"x8.27"x8.39" 829*210*213mm	1	710	1672
BR06D-30" ϕ6.3" x 31.6" ϕ160 x 803.3mm	5.10	6.20	34.21"x8.27"x8.39" 869*210*213mm	1	640	1496
BR06E-30" ϕ9.8" x 30.0" ϕ248 x 762mm	4.65	6.25	32.60"x11.57"x11.69" 828*294*297mm	1	350	856
BR06F-30" ϕ6.3" x 27.3" ϕ160 x 692.5mm	3.90	5.05	29.80"x8.27"x8.39" 757*210*213mm	1	790	1815
BR06G-30" ϕ6.3" x 27.3" ϕ160 x 692.5mm	3.80	4.95	29.80"x8.27"x8.39" 757*210*213mm	1	790	1815
BR06A-24" ϕ6.3" x 24.1" ϕ160 x 612.5mm	3.65	4.65	26.65"x8.27"x8.39" 677*210*213mm	1	860	2002
BR06B-24" ϕ6.3" x 25.7" ϕ160 x 652.5mm	3.75	4.75	28.23"x8.27"x8.39" 717*210*213mm	1	840	1925
BR06C-24" ϕ6.3" x 24.1" ϕ160 x 611.3mm	4.40	5.40	26.65"x8.27"x8.39" 677*210*213mm	1	860	2002
BR06D-24" ϕ6.3" x 25.6" ϕ160 x 651.3mm	4.45	5.50	28.23"x8.27"x8.39" 717*210*213mm	1	840	1925

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BR06E-24" ϕ9.8" x 24.0" ϕ248 x 610mm	4.05	5.55	26.61"x11.57"x11.69" 676*294*297mm	1	441	1040
BR06F-24" ϕ6.3" x 21.3" ϕ160 x 540.5mm	3.30	4.35	23.82"x8.27"x8.39" 605*210*213mm	1	990	2266
BR06G-24" ϕ6.3" x 21.3" ϕ160 x 540.5mm	3.20	4.25	23.82"x8.27"x8.39" 605*210*213mm	1	990	2266

Packing Info. (Bollard Head Only)

(unit: mm & inch)

Product Size (inch & mm)	Net Weight (kg)	Gross Weight (kg)	Carton Size (inch & mm)	Q'ty/CTN (PCS)	20GP (PCS)	40HQ (PCS)
BR06A ϕ6.3" x 10.5" ϕ160 x 265.6mm	1.95	2.45	8.27"x8.27"x13.58" 210*210*345mm	1	1560	3850
BR06B ϕ6.3" x 12" ϕ160 x 305.6mm	2.00	2.50	8.27"x8.27"x15.16" 210*210*385mm	1	1300	3300
BR06C ϕ6.3" x 10.4" ϕ160 x 264.4mm	2.25	2.75	8.27"x8.27"x13.58" 210*210*345mm	1	1560	3850
BR06D ϕ6.3" x 12" ϕ160 x 304.4mm	2.30	2.80	8.27"x8.27"x15.16" 210*210*385mm	1	1300	3300
BR06E ϕ9.8" x 10.4" ϕ160 x 263.1mm	2.50	2.30	11.57"x11.57"x13.70" 294*294*348mm	1	798	1911
BR06F ϕ6.3" x 7.6" ϕ160 x 193.6mm	1.68	2.18	8.27"x8.27"x10.79" 210*210*274mm	1	2080	4950
BR06G ϕ6.3" x 7.6" ϕ160 x 193.6mm	1.60	2.10	8.27"x8.27"x10.79" 210*210*274mm	1	2080	4950

Packing Info. (Bollard Housing Only)

(unit: mm & inch)

Product Size (inch & mm)	Net Weight (kg)	Gross Weight (kg)	Carton Size (inch & mm)	Q'ty/CTN (PCS)	20GP (PCS)	40HQ (PCS)
42"	3.55	4.55	36.34"x8.27"x8.39" 923*210*213mm	1	640	1474
36"	2.98	3.88	30.35"x8.27"x8.39" 771*210*213mm	1	760	1771
30"	2.51	3.31	24.37"x8.27"x8.39" 619*210*213mm	1	980	2255
24"	1.92	2.62	18.39"x8.27"x8.39" 467*210*213mm	1	640	1474

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