G4PT POST TOP LIGHT

DESCRIPTION

The Jaykal LED Post Top Light combines efficient outdoor illumination with a modern, low-profile architectural design. It is suitable for pedestrian walkways, parks, campuses, plazas, residential communities, and other landscape applications. The luminaire offers field-selectable color temperature, wattage, and light distribution, allowing one fixture to accommodate multiple project requirements. Optional photocell and motion-sensor controls provide additional energy savings and operational flexibility.

FEATURES

- Universal 120–347VAC or 277–480VAC input
- Selectable CCT: 3000K, 4000K, or 5000K
- High luminous efficacy of up to 189lm/W
- 0-10V Dimming Standard
- Optional integrated photocell
- Multiple mounting configurations available



Revised 7/23/2026

Specifications are typical values and may change without notification

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SPECIFICATIONS				
Model	**JLS-G4PT-M1**	**JLS-G4PT-M2**	**JLS-G4PT-M3**	**JLS-G4PT-M4**
Nominal Wattage Options	90W / 72W / 54W / 36W	130W / 104W / 78W / 52W	160W / 128W / 96W / 64W	200W / 160W / 120W / 80W
Input Voltage	120–347VAC or 277–480VAC			
Color Temperature	3000K / 4000K / 5000K, field selectable			
Color Rendering Index	CRI ≥80			
Lumen@4000K/AD lens	6,800-14,800lm	9,000-19,500lm	11,200-23,500lm	14,100-28,500lm
Efficacy@4000K/AD lens	164-189lm/W	150-173lm/W	147-175lm/W	143-176lm/W
Light Distribution	Type III / Type IV / Type V, field selectable			
Dimming	0–10V dimming, down to 10%			
Power Factor	>0.9			
THD	<20%			
PROTECTION	Integral short circuit, open circuit, and overload protection			
Surge Protection	Standard 6KV & 10KV for 10-Year Warranty Option			
Construction	Rugged die-cast aluminum housing			
Diffuser Options	Frosted diffuser or prismatic diffuser			
Controls	Optional photocell, PIR sensor, microwave sensor or Bluetooth smart-control sensor			
Operating Temperature	−40°C to 40°C / −40°F to 104°F			
Mounting	Pole, wall, square or round pole, gooseneck, conduit pendant or surface mount			
Pole-Top	2-3/8 in. to 3 in. top diameter			
EPA	0.34 sq. ft.			
Fixture Diameter	Approximately 18 in. / 457 mm			
Finish Options	Black, dark bronze, silver gray or white			
Rated Life	Estimated 100,000 hours			
Location Rating	UL/cUL listed for wet locations			
FCC	FCC 47 CFR Part 15 Compliance			
Warranty	Five-year limited warranty			

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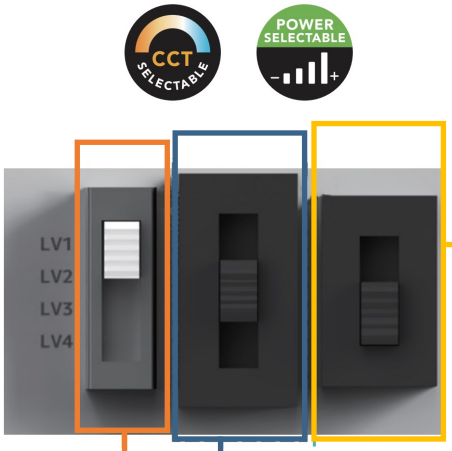
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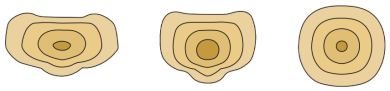
CCT, Wattage and Optics Field-selectable

This Jaykal Post Top offers on-site adjustments for Lumen output, Color Temperature, and light distribution. It supports four levels of lumen output, three CCTs settings, and three light distribution options for maximum versatility.





LIGHT DISTRIBUTION SELECT



Type III, Type IV, Type V

Three light distribution eld selectable：
Type III, Type IV, and Type V

WATTAGE SELECT



40% 60% 80% 100%

There are 4 levels of brightness available.
100%, 80%, 60%,40%

CCT SELECT



3000K 4000K 5000K

Three CCT adjustable:
3000K, 4000K, 5000K



Frosted Diffuser



Prismatic Diffuser

PHOTOCELL

Accurately differentiates between luminaire light and natural sunlight using micro far-infrared sensors, creating more adaptable and efficient lighting conditions.





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MOUNTING (Optional)		
Pole Mount	Conduit Pendant	Gooseneck Mount
		
Wall Mount	**Square Pole Mount**	**Surface Mount**
		

PERFORMANCE DATA

90W

Distribution	Setting	System Watts	3000K		4000K		5000K	
			Lumens	LPW	Lumens	LPW	Lumens	LPW
Type III and Type V	LV1	90W	13,000 lm	144 lm/W	14,800 lm	164 lm/W	13,800 lm	153 lm/W
	LV2	72W	10,700 lm	149 lm/W	12,000 lm	167 lm/W	11,300 lm	157 lm/W
	LV3	54W	8,300 lm	154 lm/W	9,500 lm	176 lm/W	8,800 lm	163 lm/W
	LV4	36W	5,700 lm	158 lm/W	6,800 lm	189 lm/W	6,300 lm	175 lm/W

130W

Distribution	Setting	System Watts	3000K		4000K		5000K	
			Lumens	LPW	Lumens	LPW	Lumens	LPW
Type III and Type V	LV1	130W	18,000 lm	138 lm/W	19,500 lm	150 lm/W	18,500 lm	142 lm/W
	LV2	104W	15,200 lm	146 lm/W	16,000 lm	154 lm/W	15,500 lm	149 lm/W
	LV3	78W	12,000 lm	154 lm/W	13,000 lm	167 lm/W	12,500 lm	160 lm/W
	LV4	52W	8,500 lm	163 lm/W	9,000 lm	173 lm/W	8,750 lm	168 lm/W

160W

Distribution	Setting	System Watts	3000K		4000K		5000K	
			Lumens	LPW	Lumens	LPW	Lumens	LPW
Type III and Type V	LV1	160W	21,500 lm	134 lm/W	23,500 lm	147 lm/W	22,800 lm	143 lm/W
	LV2	128W	17,500 lm	137 lm/W	20,000 lm	156 lm/W	18,800 lm	147 lm/W
	LV3	96W	13,500 lm	141 lm/W	15,500 lm	161 lm/W	14,500 lm	151 lm/W
	LV4	64W	9,500 lm	148 lm/W	11,200 lm	175 lm/W	10,500 lm	164 lm/W

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200W								
Distribution	Setting	System Watts	3000K		4000K		5000K	
			Lumens	LPW	Lumens	LPW	Lumens	LPW
Type III and Type V	LV1	200W	24,600 lm	123 lm/W	28,500 lm	143 lm/W	27,600 lm	138 lm/W
	LV2	160W	21,000 lm	131 lm/W	24,300 lm	152 lm/W	23,600 lm	148 lm/W
	LV3	120W	17,000 lm	142 lm/W	19,700 lm	164 lm/W	19,000 lm	158 lm/W
	LV4	80W	12,200 lm	153 lm/W	14,100 lm	176 lm/W	13,700 lm	171 lm/W

90W								
Distribution	Setting	System Watts	3000K		4000K		5000K	
			Lumens	LPW	Lumens	LPW	Lumens	LPW
Type IV	LV1	90W	13,500 lm	150 lm/W	15,000 lm	167 lm/W	14,200 lm	158 lm/W
	LV2	72W	11,000 lm	153 lm/W	12,500 lm	174 lm/W	11,700 lm	163 lm/W
	LV3	54W	8,600 lm	159 lm/W	10,000 lm	185 lm/W	9,300 lm	172 lm/W
	LV4	36W	6,200 lm	172 lm/W	7,100 lm	197 lm/W	6,600 lm	183 lm/W

130W								
Distribution	Setting	System Watts	3000K		4000K		5000K	
			Lumens	LPW	Lumens	LPW	Lumens	LPW
Type IV	LV1	130W	18,500 lm	142 lm/W	20,000 lm	154 lm/W	19,500 lm	150 lm/W
	LV2	104W	15,500 lm	149 lm/W	16,500 lm	159 lm/W	16,000 lm	154 lm/W
	LV3	78W	12,500 lm	160 lm/W	13,500 lm	173 lm/W	13,000 lm	167 lm/W
	LV4	52W	8,700 lm	167 lm/W	9,500 lm	183 lm/W	9,100 lm	175 lm/W

160W								
Distribution	Setting	System Watts	3000K		4000K		5000K	
			Lumens	LPW	Lumens	LPW	Lumens	LPW
Type IV	LV1	160W	23,500 lm	147 lm/W	25,500 lm	159 lm/W	24,500 lm	153 lm/W
	LV2	128W	19,500 lm	152 lm/W	21,000 lm	164 lm/W	20,200 lm	158 lm/W
	LV3	96W	15,000 lm	156 lm/W	16,000 lm	167 lm/W	15,500 lm	161 lm/W
	LV4	64W	10,500 lm	164 lm/W	11,500 lm	180 lm/W	11,000 lm	172 lm/W

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200W								
Distribution	Setting	System Watts	3000K		4000K		5000K	
			Lumens	LPW	Lumens	LPW	Lumens	LPW
Type IV	LV1	200W	26,000 lm	130 lm/W	30,000 lm	150 lm/W	27,600 lm	138 lm/W
	LV2	160W	22,200 lm	139 lm/W	25,700 lm	161 lm/W	23,600 lm	148 lm/W
	LV3	120W	17,900 lm	149 lm/W	20,800 lm	173 lm/W	19,000 lm	158 lm/W
	LV4	80W	12,800 lm	160 lm/W	14,800 lm	185 lm/W	13,600 lm	170 lm/W

90W								
Distribution	Setting	System Watts	3000K		4000K		5000K	
			Lumens	LPW	Lumens	LPW	Lumens	LPW
General	LV1	90W	10,500 lm	117 lm/W	11,500 lm	128 lm/W	11,000 lm	122 lm/W
	LV2	72W	9,000 lm	125 lm/W	9,500 lm	132 lm/W	9,300 lm	129 lm/W
	LV3	54W	7,000 lm	130 lm/W	8,200 lm	152 lm/W	7,600 lm	141 lm/W
	LV4	36W	5,000 lm	139 lm/W	5,800 lm	161 lm/W	5,500 lm	153 lm/W

130W								
Distribution	Setting	System Watts	3000K		4000K		5000K	
			Lumens	LPW	Lumens	LPW	Lumens	LPW
General	LV1	130W	15,500 lm	119 lm/W	16,500 lm	127 lm/W	16,000 lm	123 lm/W
	LV2	104W	12,800 lm	123 lm/W	13,500 lm	130 lm/W	13,200 lm	127 lm/W
	LV3	78W	10,500 lm	135 lm/W	11,000 lm	141 lm/W	10,800 lm	138 lm/W
	LV4	52W	7,200 lm	138 lm/W	7,600 lm	146 lm/W	7,400 lm	142 lm/W

160W								
Distribution	Setting	System Watts	3000K		4000K		5000K	
			Lumens	LPW	Lumens	LPW	Lumens	LPW
General	LV1	160W	18,500 lm	116 lm/W	19,200 lm	120 lm/W	18,800 lm	118 lm/W
	LV2	128W	15,500 lm	121 lm/W	16,500 lm	129 lm/W	16,000 lm	125 lm/W
	LV3	96W	12,000 lm	125 lm/W	13,000 lm	135 lm/W	12,500 lm	130 lm/W
	LV4	64W	8,300 lm	130 lm/W	9,500 lm	148 lm/W	8,900 lm	139 lm/W

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ELECTRICAL DATA

Number of Drivers	Driver Current (mA)	Nominal Power (W)	Input Voltage (V)	Current (Amps)
1	600	90	120	0.75
		90	208	0.43
		90	240	0.38
		90	277	0.32
		90	347	0.26
		90	480	0.19
1	600	130	120	1.08
		130	208	0.63
		130	240	0.54
		130	277	0.47
		130	347	0.37
		130	480	0.27
1	800	160	120	1.33
		160	208	0.77
		160	240	0.67
		160	277	0.58
		160	347	0.46
		160	480	0.33
1	1000	200	120	1.67
		200	208	0.96
		200	240	0.83
		200	277	0.72
		200	347	0.58
		200	480	0.42

ACCESSORIES (Optional)

		
Plug-and-Play PIR Sensor PIR sensor: MHANT12VPH02	Plug-and-Play Microwave Sensor Microwave Sensor: MHANT12VMH02	External Glare Shield

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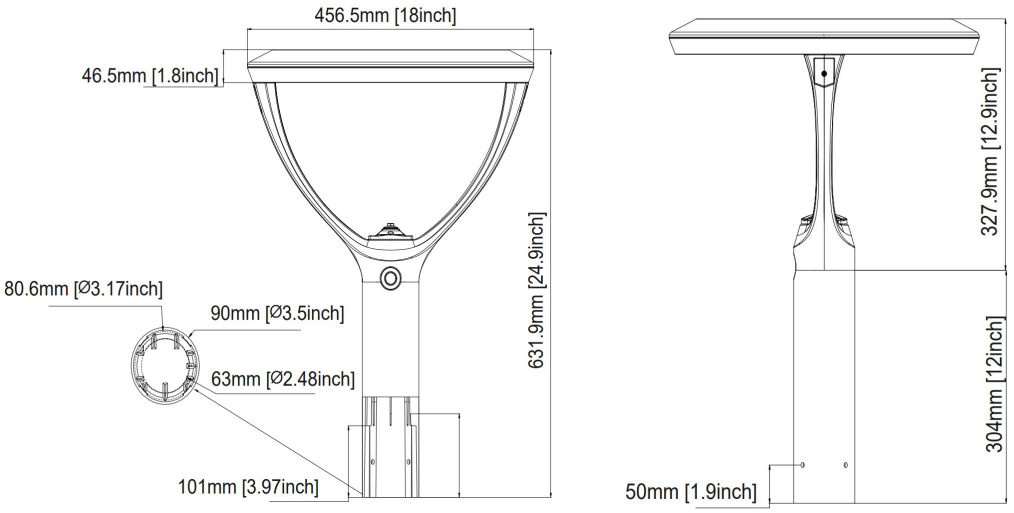
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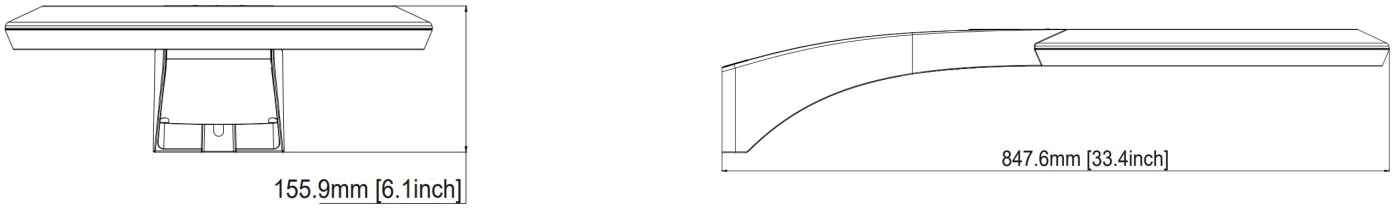
DIMENSIONS (Units : Inch/mm)

Pole Mount

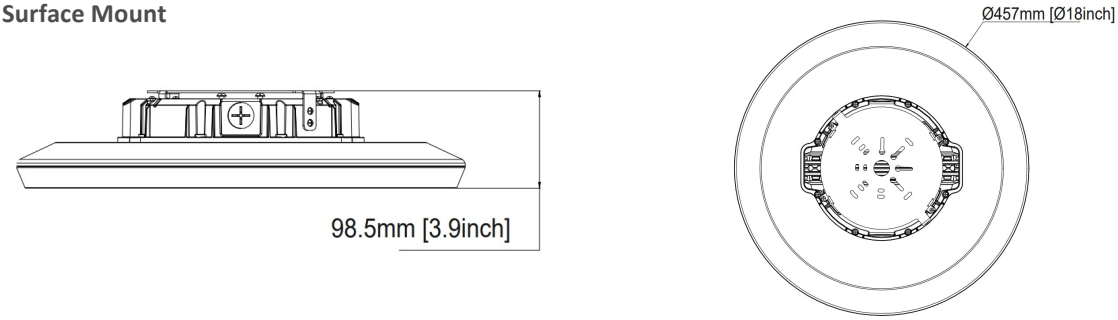
EPA：0.34 Sq. Ft.



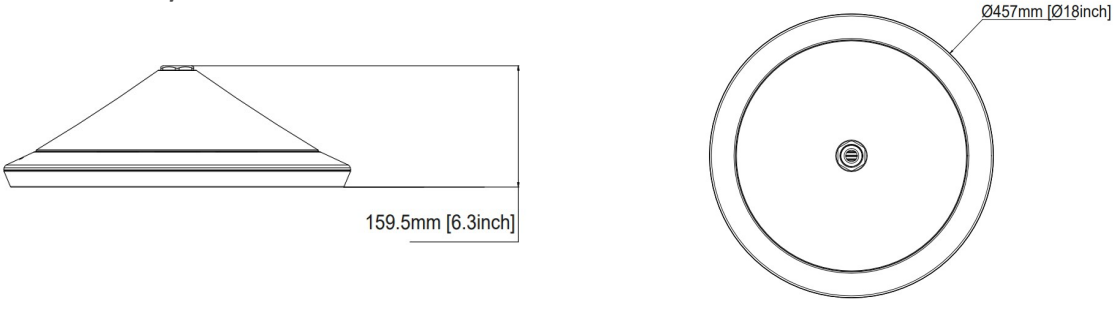
Wall Mount/Square & round Pole Mount



Surface Mount



Conduit Pendant/Gooseneck Mount



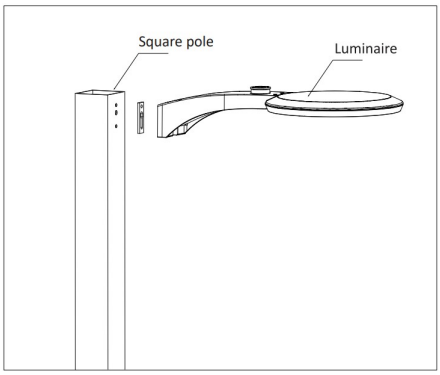
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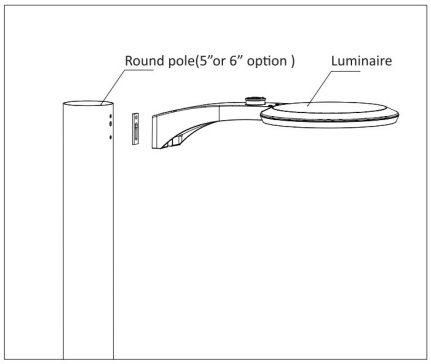
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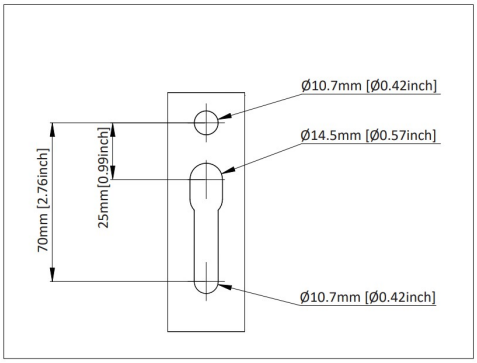
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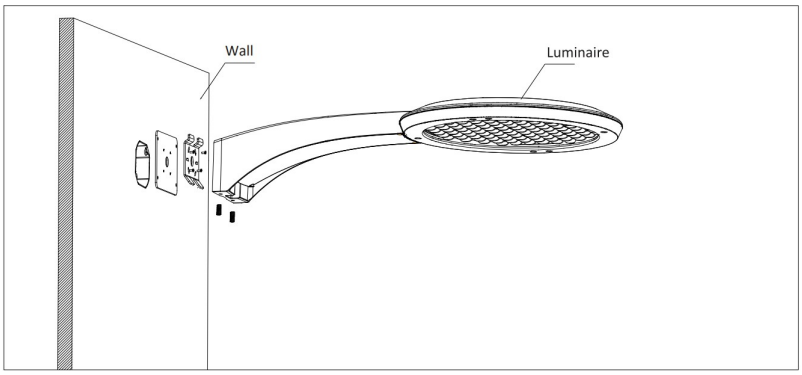
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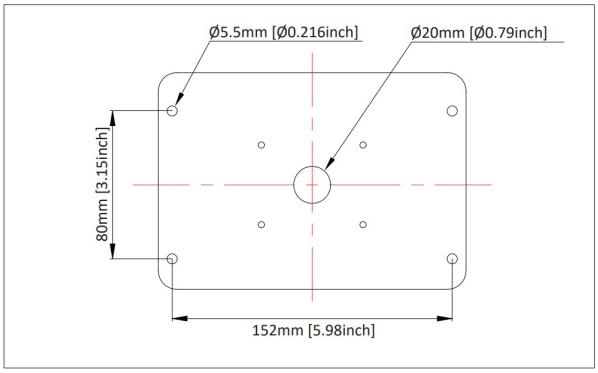
MOUNTING DIMENSIONS





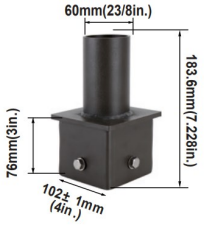
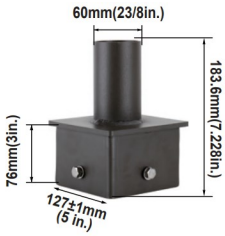






ADDITIONAL MOUNTING ACCESSORIES

POLE BRACKET For mounting one fixture on an existing pole

	4" Square Pole Mount with 2-3/8" O.D. Tenon No. 4SQ-SP-D Finish: Dark Bronze USE: For use with square, non-tapered steel and aluminum poles. Furnished with four 5/16" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing. Fixtures mounted to this bracket can be adjusted both vertically and horizontally.		4" Round Pole Mount with 2-3/8" O.D. Tenon NO. 4SQR-SP-D Finish: Dark Bronze USE: For use with Round, non-tapered steel and aluminum poles. Furnished with three 3/8" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing. Fixtures mounted to this bracket can be adjusted both vertically and horizontally.
	5" Square Pole Mount with 2-3/8" O.D. Tenon No. 5SQ-SP-D Finish: Dark Bronze USE: For use with square, non-tapered steel and aluminum poles. Furnished with four 5/16" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing. Fixtures mounted to this bracket can be adjusted both vertically and horizontally.		5" Round Pole Mount with 2-3/8" O.D. Tenon NO. 5SQR-SP-D Finish: Dark Bronze USE: For use with Round, non-tapered steel and aluminum poles. Furnished with three 3/8" hex head stainless-steel bolts. Vertical tenon measures 2-3/8" O.D., and is made of steel tubing. Fixtures mounted to this bracket can be adjusted both vertically and horizontally.

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ORDERING GUIDE

MODEL	-	WATTAGE	-	INPUT VOLTAGE	-	CCT	-	PHOTOCELL	-
JLS-G4PT		**M1** = 36/54/72/90W **M2** = 52/78/104/130W **M3** = 64/96/128/160W **M4** = 80/120/160/200W *		**347 =** 120–347V **480 =** 277–480V		**8MCCT** = 30/40/50K		**Blank** = No Photocell **PC** = Photocell **	

SENSOR	-	EMERGENCY	-	MOUNTING	-	DIFFUSER OPTION ***
Blank = No Motion Sensor **MS** = Motion Sensor		**Blank** = No EM option **EM** = Emergency Backup		**Blank** = Pole Mount **WM** = Wall Mount ** **GM** = Gooseneck Mount **SQ** = Square & round Pole Mount **CM** = Conduit Pendant **SM** = Surface Mount		**FD** = Frosted Diffuser **PD** = Prismatic Diffuser **AD =** T3/T4/T5 Adjustable Diffuser

Remark

* M4(200W) type only suit for Wall mount.

** Photocell is not suitable for Conduit pendant, Gooseneck mount, and Surface mount.

*** The M4(200W) model is only suitable for AD (T3/T4/T5 Distribution selectable).