

LED Floodlight EQ series

Features

- IP66 water and dust proof
- 2.5KV surge protection
- 30,000 hours lifetime
- 90% lower energy consumption than halogen floodlights

Benefits

- Optimized waterproof design against heavy seas
- Robust and durable in poor grid environment
- Smooth and modern appearance
- Weather proof, ideal for outdoor lighting application

Application



Specification

Item Code	Item Description	Power (W)	Power Factor	Lumen (lm)	Efficacy (lm/W)	Input Current (mA)	Lifetime (L70B50)	MOQ (pcs)
543017009210	LED Floodlight-EQ 10W-3000-GY-GP-EMC	10	0.9	800	80	49	30000	500
543017009110	LED Floodlight-EQ 10W-4000-GY-GP-EMC	10	0.9	800	80	49	30000	500
543017009010	LED Floodlight-EQ 10W-6500-GY-GP-EMC	10	0.9	800	80	49	30000	500
543017008910	LED Floodlight-EQ 20W-3000-GY-GP-EMC	20	0.9	1600	80	94	30000	500
543017008810	LED Floodlight-EQ 20W-4000-GY-GP-EMC	20	0.9	1600	80	94	30000	500
543017008710	LED Floodlight-EQ 20W-6500-GY-GP-EMC	20	0.9	1600	80	94	30000	500
543017008610	LED Floodlight-EQ 30W-3000-GY-GP-EMC	30	0.9	2400	80	136	30000	500
543017008510	LED Floodlight-EQ 30W-4000-GY-GP-EMC	30	0.9	2400	80	136	30000	500
543006000410	LED Floodlight-EQ 30W-6500-GY-GP-EMC	30	0.9	2400	80	136	30000	500
543017008410	LED Floodlight-EQ 50W-3000-GY-GP-EMC	50	0.9	4000	80	225	30000	500
543017008310	LED Floodlight-EQ 50W-4000-GY-GP-EMC	50	0.9	4000	80	225	30000	500
543017008210	LED Floodlight-EQ 50W-6500-GY-GP-EMC	50	0.9	4000	80	225	30000	500
543017008110	LED Floodlight-EQ 70W-3000-GY-GP-EMC	70	0.9	5600	80	324	30000	500
543017008010	LED Floodlight-EQ 70W-4000-GY-GP-EMC	70	0.9	5600	80	324	30000	500
543017007910	LED Floodlight-EQ 70W-6500-GY-GP-EMC	70	0.9	5600	80	324	30000	500
543017007810	LED Floodlight-EQ 100W-3000-GY-GP-EMC	100	0.9	8000	80	452	30000	500
543017007710	LED Floodlight-EQ 100W-4000-GY-GP-EMC	100	0.9	8000	80	452	30000	500
543017007610	LED Floodlight-EQ 100W-6500-GY-GP-EMC	100	0.9	8000	80	452	30000	500
543017007510	LED Floodlight-EQ 10W-3000-GY-GP-VLT	10	0.9	800	80	49	30000	500
543017007410	LED Floodlight-EQ 10W-4000-GY-GP-VLT	10	0.9	800	80	49	30000	500
543017007310	LED Floodlight-EQ 10W-6500-GY-GP-VLT	10	0.9	800	80	49	30000	500
543017007210	LED Floodlight-EQ 20W-3000-GY-GP-VLT	20	0.9	1600	80	94	30000	500
543017007110	LED Floodlight-EQ 20W-4000-GY-GP-VLT	20	0.9	1600	80	94	30000	500
543017007010	LED Floodlight-EQ 20W-6500-GY-GP-VLT	20	0.9	1600	80	94	30000	500
543017006910	LED Floodlight-EQ 30W-3000-GY-GP-VLT	30	0.9	2400	80	136	30000	500
543017006810	LED Floodlight-EQ 30W-4000-GY-GP-VLT	30	0.9	2400	80	136	30000	500
543017006710	LED Floodlight-EQ 30W-6500-GY-GP-VLT	30	0.9	2400	80	136	30000	500

Item Code	Item Description	Power (W)	Power Factor	Lumen (lm)	Efficacy (lm/W)	Input Current (mA)	Lifetime (L70B50)	MOQ (pcs)
543017006610	LLED Floodlight-EQ 50W-3000-GY-GP-VLT	50	0.9	4000	80	225	30000	500
543017006510	LED Floodlight-EQ 50W-4000-GY-GP-VLT	50	0.9	4000	80	225	30000	500
543017006410	LED Floodlight-EQ 50W-6500-GY-GP-VLT	50	0.9	4000	80	225	30000	500
543017006310	LED Floodlight-EQ 70W-3000-GY-GP-VLT	70	0.9	5600	80	324	30000	500
543017006210	LED Floodlight-EQ 70W-4000-GY-GP-VLT	70	0.9	5600	80	324	30000	500
543017006110	LED Floodlight-EQ 70W-6500-GY-GP-VLT	70	0.9	5600	80	324	30000	500
543017006010	LED Floodlight-EQ 100W-3000-GY-GP-VLT	100	0.9	8000	80	452	30000	500
543017005910	LED Floodlight-EQ 100W-4000-GY-GP-VLT	100	0.9	8000	80	452	30000	500
543017005810	LED Floodlight-EQ 100W-6500-GY-GP-VLT	100	0.9	8000	80	452	30000	500
543017009310	LED Floodlight-EQ 20W-6500-GY-GP-ESR	20	0.9	1600	80	94	30000	500
543017009510	LED Floodlight-EQ 30W-6500-GY-GP-ESR	30	0.9	2400	80	136	30000	500
543017009410	LED Floodlight-EQ 50W-6500-GY-GP-ESR	50	0.9	4000	80	225	30000	500

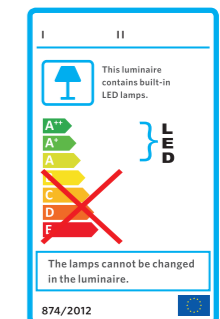
* ...-EMC: EMC compliance
 ...-VLT: no EMC compliance, better fit for fluctuant voltage environment
 ...-ESR: EMC compliance, with motion sensor

Technical Specifications	
CRI	≥ 80
Colour Consistency (SDCM)	7
Dimmable	No
Housing Colour	Grey
IP	IP66
IK	IK07
Driver integrated (Yes/No)	Yes
Glow wire test	650°C
Driver failure rate	1% at 5000h
Weight (kg/pc)	0.45/0.55/0.88/1.1/1.85/2.53

Electrical Supply	
Frequency (Hz)	50/60
Voltage (V)	220-240
AC / DC	AC

Mechanical Properties	
Housing Material	Die-cast Aluminium
Optical Material	Tempered glass

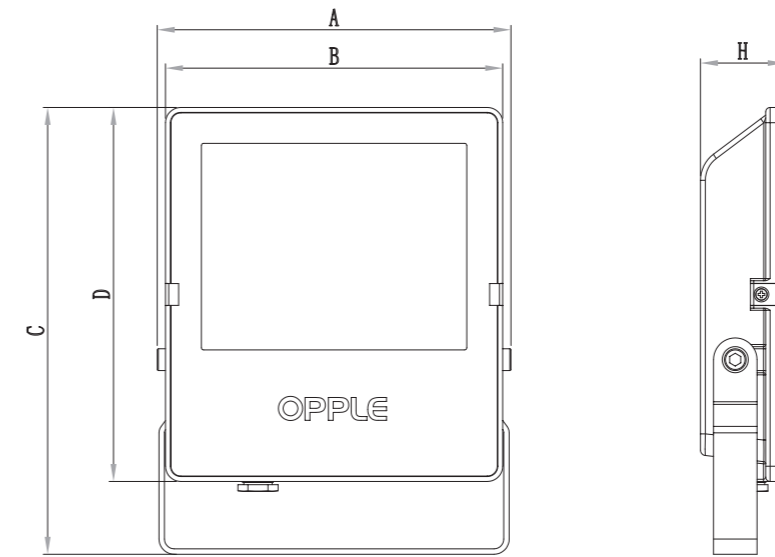
Application Conditions	
Operating Temperature	-40-50°C
Application Temperature	25°C
Storage Environment	-40-65°C



Packaging Information

Item Code	Item Description	Single Box(1pc/box)		Packaging Unit		
		Dimensions(mm) (LxWxH)	Gross Weight (kg)	Dimensions(mm) (LxWxH)	Gross Weight (kg)	Packing Qty (pcs/unit)
543017009210	LED Floodlight-EQ 10W-3000-GY-GP-EMC	120x50x162	0.58	255x220x178	4.60	8
543017009110	LED Floodlight-EQ 10W-4000-GY-GP-EMC	120x50x162	0.58	255x220x178	4.60	8
543017009010	LED Floodlight-EQ 10W-6500-GY-GP-EMC	120x50x162	0.58	255x220x178	4.60	8
543017008910	LED Floodlight-EQ 20W-3000-GY-GP-EMC	135x50x180	0.68	285x220x195	5.40	8
543017008810	LED Floodlight-EQ 20W-4000-GY-GP-EMC	135x50x180	0.68	285x220x195	5.40	8
543017008710	LED Floodlight-EQ 20W-6500-GY-GP-EMC	135x50x180	0.68	285x220x195	5.40	8
543017008610	LED Floodlight-EQ 30W-3000-GY-GP-EMC	168x55x212	1.01	350x240x228	8.04	8
543017008510	LED Floodlight-EQ 30W-4000-GY-GP-EMC	168x55x212	1.01	350x240x228	8.04	8
543006000410	LED Floodlight-EQ 30W-6500-GY-GP-EMC	168x55x212	1.01	350x240x228	8.04	8
543017008410	LED Floodlight-EQ 50W-3000-GY-GP-EMC	192x55x240	1.27	350x202x255	7.60	6
543017008310	LED Floodlight-EQ 50W-4000-GY-GP-EMC	192x55x240	1.27	350x202x255	7.60	6
543017008210	LED Floodlight-EQ 50W-6500-GY-GP-EMC	192x55x240	1.27	350x202x255	7.60	6
543017008110	LED Floodlight-EQ 70W-3000-GY-GP-EMC	252x60x302	2.02	380x262x318	12.10	6
543017008010	LED Floodlight-EQ 70W-4000-GY-GP-EMC	252x60x302	2.02	380x262x318	12.10	6
543017007910	LED Floodlight-EQ 70W-6500-GY-GP-EMC	252x60x302	2.02	380x262x318	12.10	6
543017007810	LED Floodlight-EQ 100W-3000-GY-GP-EMC	285x68x345	2.78	295x295x360	11.12	4
543017007710	LED Floodlight-EQ 100W-4000-GY-GP-EMC	285x68x345	2.78	295x295x360	11.12	4
543017007610	LED Floodlight-EQ 100W-6500-GY-GP-EMC	285x68x345	2.78	295x295x360	11.12	4
543017007510	LED Floodlight-EQ 10W-3000-GY-GP-VLT	120x50x162	0.58	255x220x178	4.60	8
543017007410	LED Floodlight-EQ 10W-4000-GY-GP-VLT	120x50x162	0.58	255x220x178	4.60	8
543017007310	LED Floodlight-EQ 10W-6500-GY-GP-VLT	120x50x162	0.58	255x220x178	4.60	8
543017007210	LED Floodlight-EQ 20W-3000-GY-GP-VLT	135x50x180	0.68	285x220x195	5.40	8
543017007110	LED Floodlight-EQ 20W-4000-GY-GP-VLT	135x50x180	0.68	285x220x195	5.40	8
543017007010	LED Floodlight-EQ 20W-6500-GY-GP-VLT	135x50x180	0.68	285x220x195	5.40	8
543017006910	LED Floodlight-EQ 30W-3000-GY-GP-VLT	168x55x212	1.00	350x240x228	8.04	8
543017006810	LED Floodlight-EQ 30W-4000-GY-GP-VLT	168x55x212	1.00	350x240x228	8.04	8
543017006710	LED Floodlight-EQ 30W-6500-GY-GP-VLT	168x55x212	1.00	350x240x228	8.04	8
543017006610	LED Floodlight-EQ 50W-3000-GY-GP-VLT	192x55x240	1.27	350x202x255	7.60	6
543017006510	LED Floodlight-EQ 50W-4000-GY-GP-VLT	192x55x240	1.27	350x202x255	7.60	6
543017006410	LED Floodlight-EQ 50W-6500-GY-GP-VLT	192x55x240	1.27	350x202x255	7.60	6
543017006310	LED Floodlight-EQ 70W-3000-GY-GP-VLT	252x60x302	2.02	380x262x318	12.10	6
543017006210	LED Floodlight-EQ 70W-4000-GY-GP-VLT	252x60x302	2.02	380x262x318	12.10	6
543017006110	LED Floodlight-EQ 70W-6500-GY-GP-VLT	252x60x302	2.02	380x262x318	12.10	6
543017006010	LED Floodlight-EQ 100W-3000-GY-GP-VLT	285x68x345	2.78	295x295x360	11.12	4
543017005910	LED Floodlight-EQ 100W-4000-GY-GP-VLT	285x68x345	2.78	295x295x360	11.12	4
543017005810	LED Floodlight-EQ 100W-6500-GY-GP-VLT	285x68x345	2.78	295x295x360	11.12	4
543017009310	LED Floodlight-EQ 20W-6500-GY-GP-ESR	135x50x180	0.68	285x220x195	5.40	8
543017009510	LED Floodlight-EQ 30W-6500-GY-GP-ESR	168x55x212	1.00	350x240x228	8.04	8
543017009410	LED Floodlight-EQ 50W-6500-GY-GP-ESR	192x55x240	1.27	350x202x255	7.60	6

Dimensional Drawing



Model	A(mm)	B(mm)	C(mm)	D(mm)	H(mm)
LED FL-EQ 10W	115.2	110	154	122	34
LED FL-EQ 20W	130.4	126	173.5	140	34
LED FL-EQ 30W	162.6	155	205.5	172	39
LED FL-EQ 50W	185.6	180	233	200	39
LED FL-EQ 70W	246.6	236	294.5	261	44
LED FL-EQ 100W	279	272	339	305	51.8

Photometric Data

