Project: | Type: | Date: | Notes:

Flood Light

FLS-LED

Mounting sold separately, please refer to ordering guide for full list of mountings

The FLS-LED Series delivers high-efficacy, optimized performance for flood and area lighting applications. Selectable wattage and CCT switches provide on-site flexibility. A standard integrated photocell can be enabled or disabled as needed, with optional 3-pin or 7-pin receptacles available with shorting cap or twist-lock photocell. A factory-installed Bluetooth control node is optional for wireless control using RAB Design ControlLED app. Ideal for parking lots, building facades, perimeter lighting, car dealerships, and many more.

IDEAL APPLICATIONS

- Parking Lots & Driveways
- Playgrounds
- Car Dealerships
- Storage Yards
- Commercial & Industrial Building Facades

SPECIFICATIONS

	FL5S-LED100A50	FL5S-LED150A80	FL8S-LED230A150	FL8S-LED320A200	FL9S-LED400A300
PERFORMANCE					
Light Output (lm)	16300/13000/8150	22500/15000/12000	34500/30000/22500	48000/36000/30000	58000/50750/43500
Efficacy	163 lm/W	150 lm/W			145 lm/W
CCT	CCT Selectable - 3000K/ 4000K/ 5000K, 2200K (Optional)				
Beam Distribution	Type III, Type V (NEMA 7x7)				
Replaces up to	250W MH	400W MH	750W MH	1000W MH	
LED Lifetime (L80)	>100 000 hours				
CRI	74				
BUG Rating	B3-U0-G3		B4-U0-G4	B5-U0-G5	
ELECTRICAL					
Wattage (W)	100/80/50	150/100/80	230/200/150	320/240/200	400/350/300
Voltage	120-347V				
Surge Protection	6kV Internal (with driver), 10kV External (added to every fixture) as per IEC/EN61000-4-5				
Power Factor	≥0.9				
THD	≤15%				
Cord	Input: 3 ft (STW, 600V) Dimming: 3 ft (SJTW, 300V)				

CONSTRUCTION			
Housing	Die Cast Aluminum		
Lens	Polycarbonate lens with Type III/Type V distribution		
Finish	Bronze (Standard), Custom Finish		
Paint Specs	Weather and Corrosion-resistant polyester powder coat finish with 800 hours salt spray rating as per ASTM B117		
AMBIENT OPERATING TEMPERATURE			
Fixture	-40°C to 60°C (-40°F to 140°F)	-40°C to 55°C (-40°F to 131°F)	-40°C to 45°C (-40°F to 113°F)
MOUNTING			
Accessories	Yoke, Trunnion, Slip Fitter, Slip Fitter with Wall Adapter, Direct Mount for Round or Square Poles		
CERTIFICATIONS			
cULus Listed for Canada and USA, per UL 1598 & CSA C22.2 No. 250.0, IP66, NEMA 4X, DLC Premium			
CONTROLS			
Dimming	0-10V (10% to 100% Dimming, Dim to Off)		
Sensor	Integral Photocell (Standard) DHFS - Dimming High Frequency Motion Sensor (Factory installed) BC - Bluetooth Controlled (Factory installed)		

Note: Electrical and Light Performance data is based on LM79 test report at 4000K, Type V and 120V.

Default Setting: Highest wattage/ 4000K /Photocell ON

ORDERING GUIDE

			VK			DIM		

Fixture	Wattage	Voltage	Colour Temp.	Beam Distribution	Finish	Dimming	Controls	Options
FL5S	LED100A50	H - 120-347V	VK - CCT Selectable (3000K/ 4000K/ 5000K)	T5- Type V*	BRZ - Bronze*	DIM - 0-10V Dimming	PC - Photocell *	SP10 - 10kV Surge Protection*
	LED150A80			T3 - Type III	CST - Custom Colour		DHFS - Motion Sensor	SP20 - 20kV Surge Protection
FL8S	LED230A150						PCLS - Photocell CCT Lumen Sensor	
	LED320A200							
FL9S	LED400A300						BC - Bluetooth Controlled	
							TPC - Twist-lock Photocell	
							3PIN - 3 pin receptacle for ON/OFF photocells	
							7PIN - 7 pin receptacle for smart control systems	

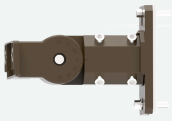
* Standard Configuration

Note:
Super Durable paint finish with a 3000-hour salt spray resistance rating (per ASTM B117) & Dark Sky friendly configuration (2200K CCT) are available upon request.
Please contact Customer Success for additional details.

STOCK CODES

084549	FL5S-LED100A50-H-VK-T5-BRZ-DIM-PC-SP10
084401	FL5S-LED150A80-H-VK-T5-BRZ-DIM-PC-SP10
084550	FL8S-LED230A150-H-VK-T5-BRZ-DIM-PC-SP10
084402	FL8S-LED320A200-H-VK-T5-BRZ-DIM-PC-SP10
084403	FL9S-LED400A300-H-VK-T5-BRZ-DIM-PC-SP10

ACCESSORIES SOLD SEPARATELY

084404	FL5S/FL8S/FL9S SELECT YOKE BRZ		**087016**	RC-100 MOTION SENSOR REMOTE CONTROL	
084405	FL5S/FL8S/FL9S SELECT SLIP FITTER BRZ		**087034**	RC-107 PHOTOCONTROL REMOTE CONTROL	
084406	FL5S/FL8S/FL9S SELECT SLIP FITTER W/ADAPTER BRZ		**084215**	BLUETOOTH 3-KEY AC LINE VOLTAGE WALL SWITCH 120-277VAC, 3-KEYS(ON/OFF, DIM+, DIM-)	
084407	FL5S/FL8S/FL9S SELECT TRUNNION BRZ		**084633**	BLUETOOTH 5-KEY BATTERY POWERED WIRELESS WALL SWITCH & PLATE	
084408	FL5S/FL8S/FL9S SELECT DIRECT MOUNT BRZ				