

DESCRIPTION

The patents pending Revolve™ LED outdoor security series by ALL-PRO™ combines advanced LED technology and industry-leading optic design to bring you a low-profile luminaire with uncompromising performance. Adjustable, refractive optics eliminate the need for traditional arms and reflectors, while allowing for precision aiming and control, resulting in a sleek, aesthetically appealing LED luminaire that remains virtually unnoticeable when not in use. Multiple control options are available, including integral photo control for dusk-to-dawn operation and motion sensors with timing and sensitivity adjustments.

Catalog #		Type
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

Construction

Durable, die-cast aluminum housing formed to optimize thermal management while minimizing space requirements in covered ceiling and eave mount applications. Adjustable mounting bracket allows for 315° range of adjustment after installation, or mounting bracket can be locked prior to installation if no adjustment is desired. Internal heat sinking design maximizes LED and driver performance for prolonged and maintenance-free operation. Available in white or bronze finish.

Electrical

Revolve™ luminaires require 120V AC, external supply wiring rated for 75°C minimum. Power consumption for triple configuration is 31.6W, twin configuration 26.7W. Maintenance-free LEDs with 50,000 hours of life; fixture operating temperature range from -30°C to 40°C; UL and CUL listed for wet locations. Meets ENERGY STAR® and Design Lights Consortium® certification requirements; approved for T20/T24 installation.

Optical

Available with twin or triple optics, the patent pending clear acrylic optical assemblies rotate 360° for fully customizable area coverage. An optic rotator tool is included for ease of adjustment. Triple optic configurations produce up to 2400 lumens; twin optic configurations produce up to 2150 lumens. Available in either 5000K or 3500K CCT, this product is ideally suited for security and general outdoor illumination for either residential or commercial applications.

Warranty

Five-year limited warranty.



REVOLVE™ SERIES

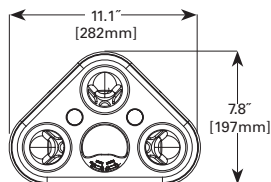
Triple LED Security Floodlight, Motion Activated, Dusk to Dawn



Twin LED Security Floodlight, Motion Activated, Dusk to Dawn

DIMENSIONS

Triple Motion Activated

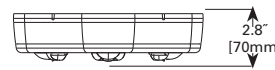
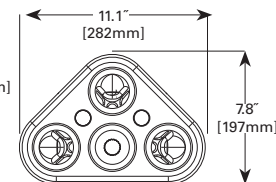


Top View

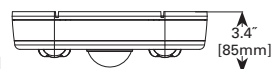
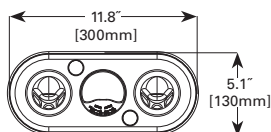


Eave Mount View

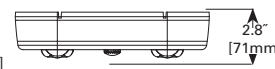
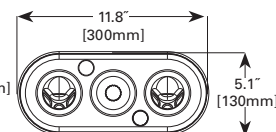
Triple Flood and Dusk to Dawn



Twin Motion Activated



Twin Flood and Dusk to Dawn



ORDERING INFORMATION

Product Sample Number: REV21835MW

Series REV	Optic Count 2 = Twin Optics 3 = Triple Optics	Motion Range (M) 18 = 180° (REV2 only) 27 = 270° (REV3 only) [Blank] = F and PC versions	CCT 35 = 3500K CCT 50 = 5000K CCT	Controls F = Flood PC = Photo Control M = Motion Sensor	Finish W = White [Blank] = Bronze
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CERTIFICATION DATA

UL/CUL Wet Location Listed
ENERGY STAR® models
Design Lights Consortium models
T20/T24 approved
Lighting Facts® Approved

TECHNICAL DATA

120V only
-30°C to 40°C Temperature Rating
External Supply Wiring 75° Minimum



REVOLVE OPTIONS MATRIX

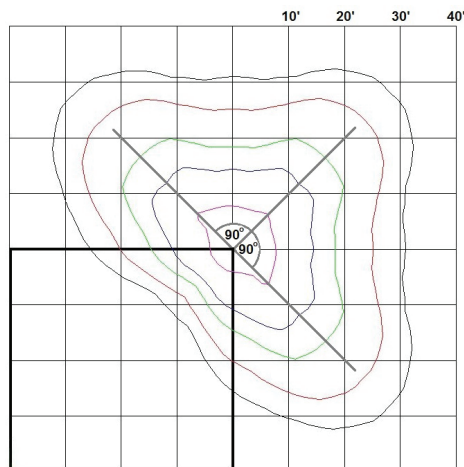
Model	Optics	Lumens	CCT	Dusk to Dawn	Motion	Eave Mount	Wall Mount	Certifications/Registrations		
Flood, Dusk to Dawn and Motion Activated	Number of adjustable optics	Delivered lumens, nominal	Correlated Color Temperature	Integrated Photocell	180° or 270° motion detection, 50' range	Covered, horizontal installation	Vertical installation above 4'	Energy Star	Title 24	Design Lights Consortium
REV21835M	2	2150	3500K	•	180°	•		•	•	•
REV21835MW	2	2150	3500K	•	180°	•		•	•	•
REV21850M	2	2150	5000K	•	180°	•		•	•	•
REV21850MW	2	2150	5000K	•	180°	•		•	•	•
REV235F	2	2150	3500K			•	•	•	•	•
REV235FW	2	2150	3500K			•	•	•	•	•
REV235PC	2	2150	3500K	•		•	•	•	•	•
REV235PCW	2	2150	3500K	•		•	•	•	•	•
REV250F	2	2150	5000K			•	•	•	•	•
REV250FW	2	2150	5000K			•	•	•	•	•
REV250PC	2	2150	5000K	•		•	•	•	•	•
REV250PCW	2	2150	5000K	•		•	•	•	•	•
REV32735M	3	2400	3500K	•	270°	•		•	•	•
REV32735MW	3	2400	3500K	•	270°	•		•	•	•
REV32750M	3	2400	5000K	•	270°	•		•	•	•
REV32750MW	3	2400	5000K	•	270°	•		•	•	•
REV335F	3	2400	3500K			•	•	•	•	•
REV335FW	3	2400	3500K			•	•	•	•	•
REV335PC	3	2400	3500K	•		•	•	•	•	•
REV335PCW	3	2400	3500K	•		•	•	•	•	•
REV350F	3	2400	5000K			•	•	•	•	•
REV350FW	3	2400	5000K			•	•	•	•	•
REV350PC	3	2400	5000K	•		•	•	•	•	•
REV350PCW	3	2400	5000K	•		•	•	•	•	•

OPTICAL PERFORMANCE

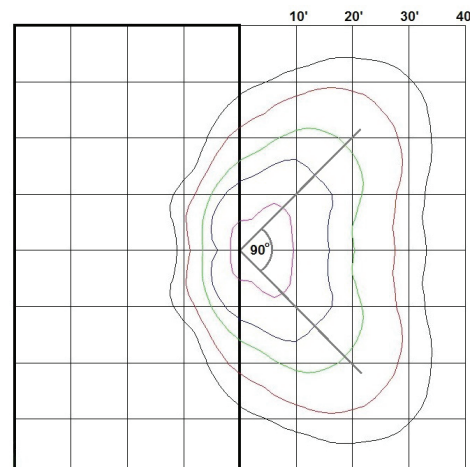
Adjustable, refractive optics provide highly directional and controlled area coverage, eliminating the need for traditional reflectors.

Photometry assumes 10' mounting height over a level surface, and optics aimed 90° apart.

TRIPLE CONFIGURATION



TWIN CONFIGURATION



ILLUMINANCE (Footcandles)



For complete product data, reference the Fluorescent Specification binder. Specifications & dimensions subject to change without notice. Consult your Eaton Representative for availability and ordering information.

