ARMOR G2











Applications: Covered walkways, parking garages, drive thrus, entryways, hospitality, educational

PERFORMANCE SUMMARY

The Armour G2 Series of LED luminaires are cost-effective and versatile with a slim, low profile traditional design, the perfect solution for surface-mount applications

Delivering lumen packages from 1,830 to 9,760 coupled with a choice of canopy or parking garage distributions, its high impact polycarbonate lens produce a visually comfortable beam tailored to a large range of canopy settings. The Armor G2 is ideal for drive-thrus, covered sidewalks, hospitality entryways, and petroleum structures

Construction

- One piece gasketed cast aluminium body with IP65 weather rating
- UV stabilized vandal resistant polycarbonate lens
- Slim low profile traditional design
- Junction box or surface mounting option as standard with three conduit entry points
- Pendant capability with 3/4 NPT stem attachment by others
- Surface finished with polyester powder coat, withstanding harsh conditions without cracking or peeling
- Small or large size 10 x 10 and 14 x 14 inches

Optical

- Multiple packages ranging from 1,830 9,760 nominal lumens
- Engineered optics provide uniformity for comfortable illumination
- Optional frosted acrylic lens with wide distribution tailored to parking garage applications

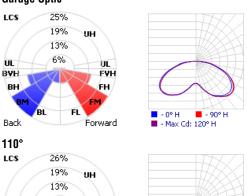
Electrical

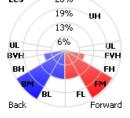
- 100-277VAC 50/60Hz
- 122lm/W operating efficiency
- Wide range input voltage AC100-277V
- Selectable SKUs offer 4 wattages selections at 25% intervals
- PF: > 0.95 THD: <20%
- 0-10V dimmable (10-100%) standard
- Average rated life L70: >50,000H

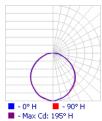


Specification				
Lumen Package	1,830 - 9,760			
Wattage Range	15 - 80			
Efficacy	122			
Weight lbs (kg)	6.2 (2.8)			

PHOTOMETRICS Garage Optic





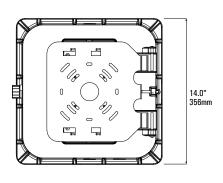


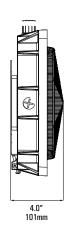
PRODUCT CODE

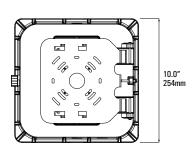
Example Armour G2 cat. 40.PG.40.C.MS

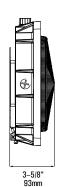
Model No	Wattage	Distribution	CCT (°K)	Finish	Mounting	Control
Armour G2	45 - Lumen Selectable 1,830-5,490 lms / 15-45W	PG - Parking Optics 110 - 110°	30 - 3000 40 - 4000 50 - 5000 57 - 5700	BR - Bronze	C - Ceiling	EM - Emergency
				RAL8019 BK - Black RAL9011 W - White RAL9010	P - Pendant Bracket	PC - Photocell
						MS - Internal
	80 - Lumen Selectable 3,660-9,760 lms / 30-80W	110 - 110°				Motion Sensor 0 - None

DIMENSIONS





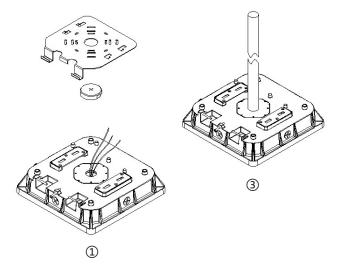




INSTALLATION

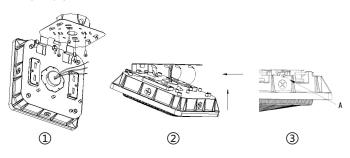
Pendant

- (1) Remove rubber plug and mounting plate
- (2) Connect the wires
- (3) Fix luminaire to the ceiling with 3/4" conduit



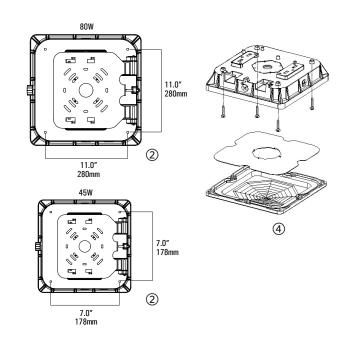
Junction Mount

- (1) Fix mounting plate onto the junction box
- (2) Hang light body onto the mounting plate and wiring
- (3) Slide fixture towards to the hook, fasten the screw A to seal the fixture



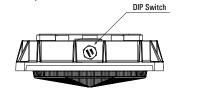
Ceiling Mount

- (1) Remove the diffuser and reflector
- (2) Align screws to ceiling at spacing's shown
- (3) Fasten luminaire and connect the wires
- (4) Replace the reflector and diffuser. Fasten the diffuser with twisting force of no less than 13kgf.cm/1.275N.m



Watt Tunable

Unscrew the knob cap before using the watt selectable function. Toggle DIP switches 1, 2, 3 to select the corresponding watts. Screw the knob cap after use



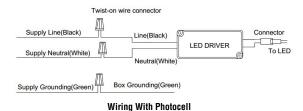


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Canopy Light

1/2" Side Plugs

- (1) Do not touch the yellow portion of the LED array as damage may occur
- (2) Remove the screws attaching the diffuser and reflector to the housing.
- (3) Remove 1/2" plug on intended side of conduit entry
- (4) Use the EVA gasket in the provided accessory pack to cover the 3/4" threaded hole on back plate.
- (5) Fixture is best mounted from the back of fixture securing it to the mounting surface using the appropriate mounting hardware. All unused conduit entry points must be plugged. Waterproof silicone will ensure a tight seal.
- (6) Complete the wiring to incoming power and ground.
- (7) Replace the reflector and diffuser. Fasten the diffuser with twisting force no less than 13kgf.cm/1.275N.m. Complete wiring as diagram below



Supply Line(Black)

Neutral(White)

Neutral(White)

Neutral(White)

Neutral(White)

Neutral(White)

Neutral(White)

Neutral(White)

Neutral(White)

Neutral(White)

Wiring Without Photocell