

JOPLIN
MISSOURI

MID-ALLEY LIGHT METRICS DISCUSSION

Public Works | September 15, 2025

City Council Presentation revised

Proposed Assessment & Scoring Matrix (updated)

Scoring Thresholds:

- ≥ 60%: Recommend installation.

Example for Conditions met:
Location *X* with 2 documented Crime Incidents within 12 months, combined with Community Complaints or other, qualify for Conditions met with an overall score of 60% for the scoring matrix. ***Categories are stackable.***

Adjacent properties: 51% of adjoining neighboring properties are required for approval of an install.

Factor	Weight (%)	Description / Notes
Crime Incidents Documented	45%	2 crimes in last 12 months within 300 ft radius.
Community Complaints Reported	20%	2 complaints in last 12 months related to lighting, nighttime pedestrian traffic, crime, or safety.
Environmental Safety Risk Factors	15%	Low visibility due to topography, dense tree cover, fencing, curves, hills, etc.
Repeat Safety Incident (Non-Crime)	10%	2 documented safety incidents in last 12 months (trips, near misses, pedestrian conflicts).
Land Use / Vulnerable Populations	10%	Within 1 block of schools, parks, senior housing, or transit hubs.

Mid-Alley Light Options

Options are solar/battery, hardwire, dusk to dawn hardwire, or motion activated hardwire

Lights provided once conditional threshold is met. Installation is done by a city on-call licensed electrician.

- Solar Battery Motion Sensor Wallpack - $150
- Dusk to Dawn Sensor Hardwired Wallpack - $100
- Basic Hardwired Motion Sensor - $60

Need 51% of adjacent property owner approval given history of complaints of ambient light intrusion.

Solar Battery Motion Sensor Wallpack - $150

Home | LED Wall Lights | Wall Lights By Style and Color | 5000K Wall Lights | Solar 45 Watt LED Wall Pack - 4,000 Lumens - 5000K - Semi Cut Off - With Motion Sensor - Brown Housing







SALE

Solar 45 Watt LED Wall Pack - 4,000 Lumens - 5000K - Semi Cut Off - With Motion Sensor - Brown Housing

Part Number: 24-147

5.0 (2 reviews) Write a Review

$149.99 ~~$195.99~~

Retail Price: $249.99 You Save: $100.00 (40%)

The Solar 45 Watt LED wall packs provide safety and security by iluminating evenly the perimeter around buildings, warehouses, pathways, doorways, other commercial facilities, etc. Color Temperature 5000K Bright White.

1 + -

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5-Year Extended Warranty

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Dusk to Dawn Hardwire Wallpack - $89



Patriot Lighting® Bronze LED Dusk to Dawn Outdoc Security Wall Pack

Model Number: E23202 | Menards ® SKU: 3569561

EVERYDAY LOW PRICE	$99.99
11% REBATE* Good Through 8/24/25	$11.00
PRICE AFTER REBATE*	$88.99 each

You Save $11.00 After Mail-In Rebate*

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- This LED light has a CRI of 80, a color temperature of 3000K (Warm White) / 4000K (Bright White) / 5000K (Daylight), and is 16800 lumens,life expectancy of 50,000 hours
- Adjustable Brightness (16800LM / 13400LM / 10000LM) and CCT (3000K / 4000K / 5000K)
- Over pipe installation compatible

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View Delivery Options

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Basic Hardwire Motion Sensor - $60

y Light w/ PIR Sensor, Bronze or White Finish, 3000K or 5000K CCT



3-HEAD LED SECURITY LIGHT W/ PIR SENSOR, BRONZE OR WHITE FINISH, 3000K OR 5000K CCT

ITEM: SL-30W-30K-BZ-P | Brand: Westgate Manufacturing | UPC: 845060015713

6 Reviews Leave a Review

WESTGATE

$60.45 ~~$72.55~~ 17% Savings

Select Color

Select Color Temp

− 1 +

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Questions?

