

LLS-DG-2X2S-45-40-16G-PA13-P16

45 Watt Detention Grade Surface Mount 2x2 LED Panel

Project Name _____



DETAILS

Our detention-grade fixtures are typically constructed from 16 to 20-gauge cold-rolled steel and secured with tamper-proof fasteners. With IK08 to IK10 impact ratings, these fixtures are designed to resist vandalism and prevent unauthorized access. Common applications include prisons, jails, behavioral health facilities, and other high-traffic public areas.

OVERVIEW

SKU	LLS-DG-2X2S-45-40-16G-PA13-P16
Watts	45
Lumens	7000
Lumens Per Watt (Efficacy)	156
Color Temperature	4000K
Voltage	100V-277V



PRODUCT DIMENSIONS

AMP DRAW

Watts	Current Amp Draw			
	120V	240V	277V	480V
45	0.38	0.19	0.16	0.09



Product design upgrades may result in specification changes without notice. Speak to a Product Specialist for the latest information.

www.ledlightingsupply.com (888) 423-3191

Headquartered at: 1 Chestnut Street, 4M Nashua NH 03060

WebID : 2634

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PRODUCT SPECIFICATIONS

OPTICAL	Watts	45
	Lumens	7000
	Color Temperature	4000K
	CRI	80+
	Replaces	150 Watt Metal Halide
ELECTRICAL	Voltage	100-277
	Power Factor (PF)	>0.9
	Dimming	0-10V
	Power Factor (PF)	50 / 60Hz
CONSTRUCTION	Housing	16-Gauge Cold Roll Steel
	Fasteners	Tamper-Resistant T25 TORX Screws
	IK Rating	IK07
	Operating Temperature	-4°F to 140°F
	Rated Life	100,000 (L70) hours
	Certifications	Rebate Eligible ETL Listed BAA-TAA
	Warranty	5
	Mount	Surface
	Color Options	White



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⚡ ENERGY SAVINGS

Based on 12 hours / day and \$0.13 kWh - eia.gov national average(2025)

Metal Halide Watts	LED Watts	1 Year Energy Savings	5 Year Energy Savings
150	45	\$59.51	\$297.57

🔍 PRODUCT FAMILY MODELS

SKU	Watts	Lumens	Lumens/Watt
LLS-DG-1X4S-45-40-16G-PA13-P16	45	7000	156
LLS-DG-2X2S-45-40-16G-PA13-P16	45	7000	156
LLS-DG-2X4S-80-40-16G-PA13-P16	80	12000	150



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