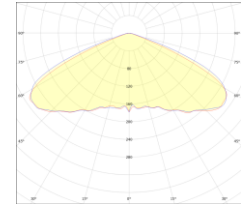


LED Loading Light



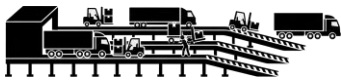
Optical Beam Angles



110°



General Application Areas



Installation
Ramps



Large
Shipment



Installation
Areas



Industrial
Facility



Storage
Logistics



Distribution
Central

General Information

A high-performance, safe, and efficient loading dock is one of the most critical operational points in the seamless supply chain of warehouses, industrial facilities, logistics centers, and large retail spaces. The 24/7 loading and unloading operations in these areas require a well-planned and durable lighting solution that supports worker safety and operational efficiency. On loading ramps, it is important to ensure adequate and controlled lighting not only around the ramp and vehicles but also inside the vehicles, cargo compartments, and containers. Insufficient or inappropriate lighting can make it difficult to properly see and handle cargo, leading to an increase in operational errors, product damage, and workplace safety risks.

The ODAK LED Projector Loading Light was developed to provide the powerful, controlled, and adjustable lighting required specifically in truck and trailer loading and unloading areas. Combining a compact projector housing with a movable, articulated arm design, the product allows the light to be directed toward the required work area. Thanks to its articulated arm structure, which can move up to 90°, the projector can be directed into the interiors of semi-trucks and truck trailers when necessary. This allows for effective illumination not only of the loading ramp and the area around the vehicle but also of the loading area inside the trailer or cargo compartment. This design ensures flexible use across different vehicle sizes and varying loading conditions.

The Loading Light is designed to support safe and efficient loading and unloading operations in warehouses and logistics centers, manufacturing facilities, distribution centers, large-scale retail operations, and industrial facilities with heavy vehicle traffic. Offering a luminous flux of 7,420 lm and an efficacy of 140 lm/W in the 53 W version, the product combines high light output with energy efficiency. The product family offers various power options ranging from 26 W to 229 W, as well as different light distributions tailored to specific application needs. Design and production can be tailored to project requirements with various arm lengths, optical options, color temperatures, and mechanical configurations.

LED Loading Light

Movable Arm Options

The movable arm is one of the main functions of the product and allows the projector to be guided into the vehicle body/trailer.

Sleeve Length	Structure	Usage
120 cm	2 × 60 cm articulated piece; 90° movement	Routing into trailer/body
150 cm	2 × 75 cm articulated piece; 90° movement	Longer reach and semi/box interior lighting
240 cm	Long arm configuration	Application-oriented lighting
300 cm	Long arm configuration	Application-oriented lighting

Highlights

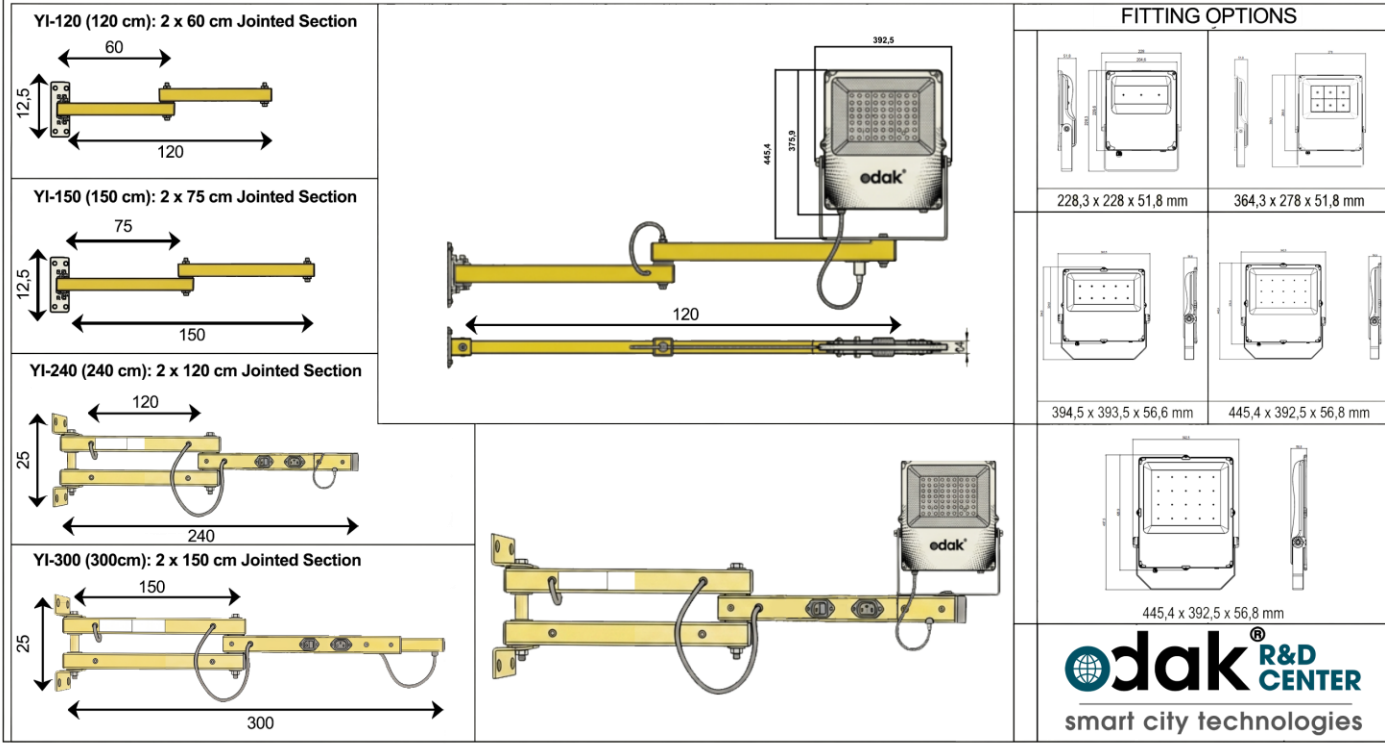
53 W power and 7,420 lm total luminous flux	Available product configuration with 110° optical option
140 lm/W efficiency factor	3000K / 4000K / 5000K / 6500K color temperature options
Articulated arm structure that can move 90°	IP66–IP67 protection class options
120 cm, 150 cm, 240 cm and 300 cm sleeve options	IK08–IK10 impact resistance options
Directing the LED projector into the trailer/chassis	L70 60,000 hours LED life
26–229 W product family	Design and production according to project requirements

Technical Specifications – 53W Standard Configuration

Parameters	Value
Consumption Power	53 W
Total Luminous Flux	7.420 lm
Effectiveness Factor	140 lm/W
Input Voltage	220–240 VAC
Input Frequency	50–60 Hz
Power Factor	>0,9
Color Temperature	3000K / 4000K / 5000K / 6500K
CRI	>70
Operating Temperature	-25 °C / +40 °C
LED Lifespan – L70	60,000 hours
Optics	PMMA or PC
Refractor	Min. 4mm high transmittance tempered glass; UV resistant optional
Body	Corrosion-resistant high-pressure aluminum injection
IP Protection	IP66–IP67 (optional)
Impact Resistance	IK08–IK10 (optional)
Rakor	IP66, brass
Usage	Surface mounted / cable tray / busbar

LED Loading Light

TECHNICAL DRAWING OF AN LED PROJECTOR LOADING LIGHT



Product Variations

Product Code	Power	Input Voltage	Luminous Flux	Light Angle	Dimensions
ANT-026SM-01102-850-9004	26W	220-240 V AC 50/60 HZ	3640lm	110°	228,3 x 228 x 51,8 mm
ANT-053SM-01102-850-9004	53W	220-240 V AC 50/60 HZ	7420lm	110°	364,3 x 278 x 51,8 mm
ANT-095SM-01102-850-9004	95W	220-240 V AC 50/60 HZ	12936lm	110°	394,5 x 393,5 x 56,6 mm
ANT-142SM-01102-850-9004	142W	220-240 V AC 50/60 HZ	17040lm	110°	445,4 x 392,5 x 56,8 mm
ANT-186SM-01102-850-9004	186W	220-240 V AC 50/60 HZ	24700lm	110°	497,5 x 392,5 x 58,8 mm
ANT-229SM-01102-850-9004	229W	220-240 V AC 50/60 HZ	29426lm	110°	497,5 x 392,5 x 58,8 mm

- Yükleme rampanız için doğru aydınlatma çözümünü birlikte belirleyelim. Güç, kol uzunluğu, optik ve mekanik konfigürasyon seçenekleri için bizimle iletişime geçin.