

PORT SOLUTIONS

EAE Group

About Us

EAE Group, which started its industrial journey with EAE Elektrik in 1973, is a preferred brand in the international market. EAE has grown rapidly beginning from the first day of its foundation and has gradually expanded its production and areas of activity in different industries.



LED Lighting and Luminaires



Rack Cabinets and LV Enclosures



Busbar Power Distribution Systems



Installation Solutions



Cable Ducts and Support Systems



Building and Lighting Automation Systems

EAE Group Basic Information

EAE is one of the world leaders in the field of BUSBAR systems and in the electrical products market.



Foundation
1973



2.500 employees
More than 500
engineers and
technical experts

Exports to
more than 100
countries



Approximately
280,000 m² outdoor
production area



3
In-house
R&D centre



More than 30 patents
More than 300 brands
More than 500
industrial designs

6
Factory



Certificates

It continues its production activities in accordance with ISO 9001 Quality Management, ISO 14001 Environmental Management, ISO 45001 Occupational Health/Safety, ISO 50001 Energy Systems Management and ISO 27001 Information Security Management Systems Standards. The conformity of electrical products it produces with the world standards has been certified as a result of the tests carried out by DEKRA and CESI laboratories.



EAE In The World



EAE Companies



EAE Office



EAE Distributor

EAE Group Of Companies



EAE Aydınlatma
LED Lighting Luminaires



EAE Elektrik
Busbar Energy Distribution Systems



EAE Elektrotechnik
Cabin and Panel Board Systems



EAE Teknoloji
Lighting and Building Automation



EAE Makina
Sheet Metal Processing Machines



EAE Italy
EAE Group European Region Marketing and Sales Centre



EAE Russia
Busbar, Cable Duct and Lighting Luminaires



EAE Germany
Busbar and Lighting Luminaires









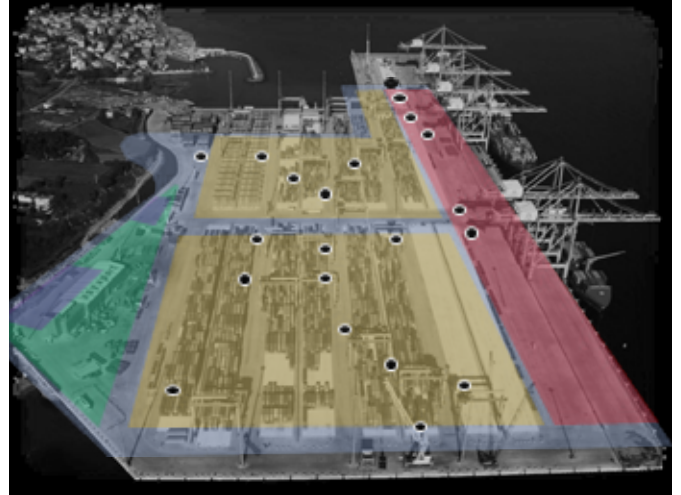
EAE USA
Busbar, Cable Duct and Lighting Luminaires



EAE Australia
Busbar and Lighting Luminaires

MAIN REGIONS OF THE PORT

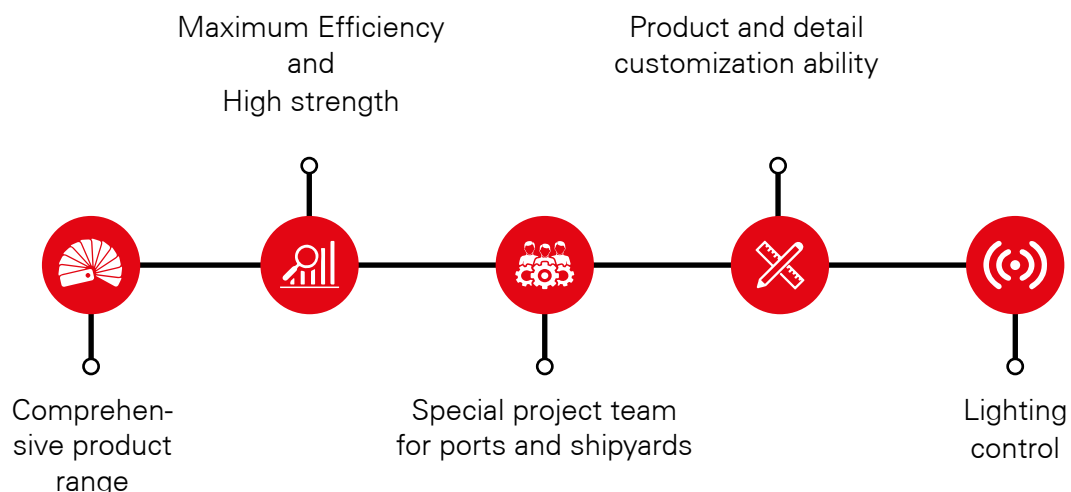
-  Mobile Equipment RTG-RMG-STS-QC CRANES
-  Dock Area
-  Container Area
-  Cfs Activity Area
-  Office and Warehouse Buildings
-  Access Routes and Surrounding Area



EAE PORT PROJECT TEAM

Today, performance and conformity with the standards in the port sites can only be provided by right lightingsolutions. EAE Aydınlatma, continues to carry its professionalized experience to the sites, with LED luminaires, thanks to thousands of applications it develops with the state-of-the-art technology in the industrial field.

EAE Aydınlatma, offers lighting solutions, which pushes the limits in terms of efficiency, for satisfaction of its customers, with the project engineering service it has created especially for port and shipyard sites,for which it displays sensitivity. Its expert team, which carries out project designing for many different sites such as container storage sites and port ship loading sites with project engineering service, aims to operate in outdoor working sites with challenging environmental conditions by providing installation discovery, apparatus discovery and layout plans.



As EAE PROJECT TEAM;

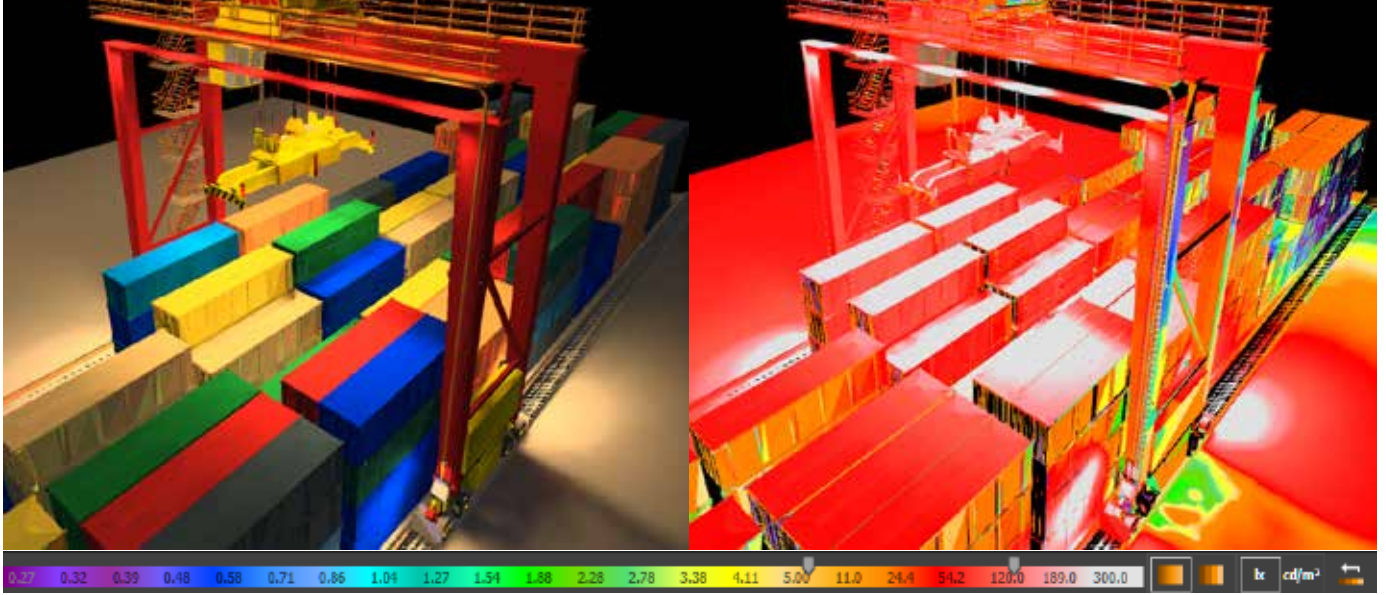
We provide the following services:

- Professional solutions for sea environments with our 6-person expert team, which consists of engineers and technical experts,
- Visual assessments and consulting services,
- 3D design and lighting calculations, luminaire arrangement and free of charge model applications,
- CCT,CRI, UGR and luxury levelled measurements,
- Supervision and commissioning services for lighting and control devices.

We realize a turnkey project service with project management, which covers all of these.



EAE Aydınlatma; As DIAL partner, professional lighting account service...



Thanks to the Dialux EVO Lighting Design Programme, realistic lighting distribution map of the area is drawn in detail, by making 3D models of the site and the equipment and selecting targeted lighting levels, correct product and photometric curve.



AYDINLATMA KONTROLÜ



PLANNING ACCORDING TO PORT
REGIONS



ENERGY SAVING AND LONG LIFE
CYCLE

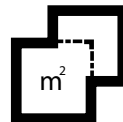


DATA COLLECTION AND
REPORTING

Maximum Performance and Perfect Strength



Accredited lighting laboratory
which was established in 2007

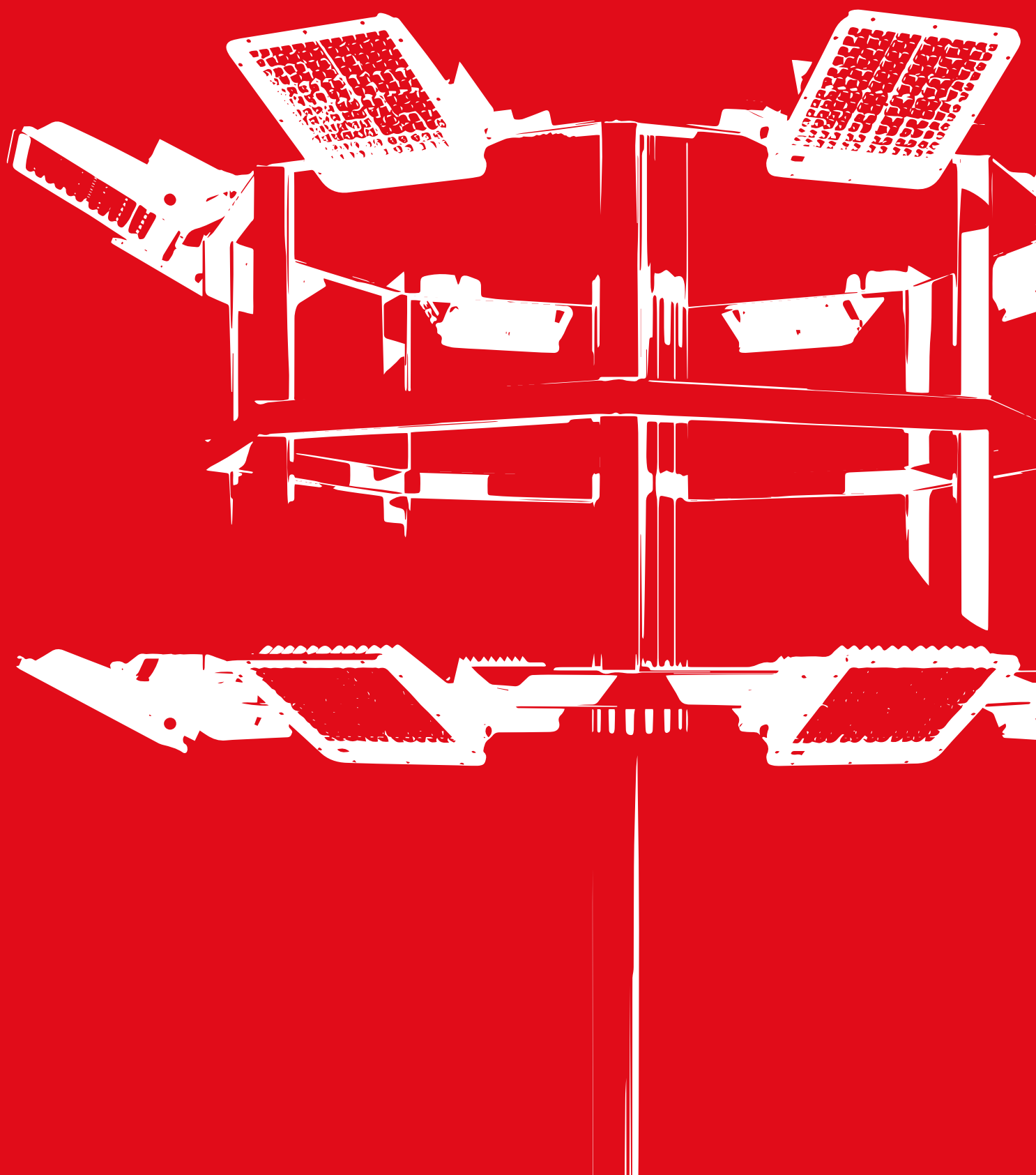


1800m² total indoor space



20 separate test step

- High Efficiency (lm/W) Rate
- Electrical and Performance Test
- Versatile Vibration Tests
- Latest LED Technology
- Heavy Mechanical Resistance Tests
- Planning According to Port Regions
- Thermal Tests
- Photometric and Photobiological Test
- Energy Saving and Long Life Cycle
- Corrosion and Spraying Test
- IK and IP Impact Resistance
- Data Collection and Reporting



PORT AND SHIPYARDS

PROJECT LIGHTING SOLUTIONS



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LED FLOODLIGHTS IN THE PORTS

Lighting systems account for a large part of the energy spent in the ports. This means approximately 32% of a port's total energy consumption. It directly affects many factors, such as providing energy consumption, job safety and adequate lighting quantities. The right choice of port lighting systems has become an extremely important issue nowadays.

As EAE Aydınlatma, we are trying to produce professional solutions with our LED floodlight luminaires by eliminating limits in efficiency in harsh environment conditions.



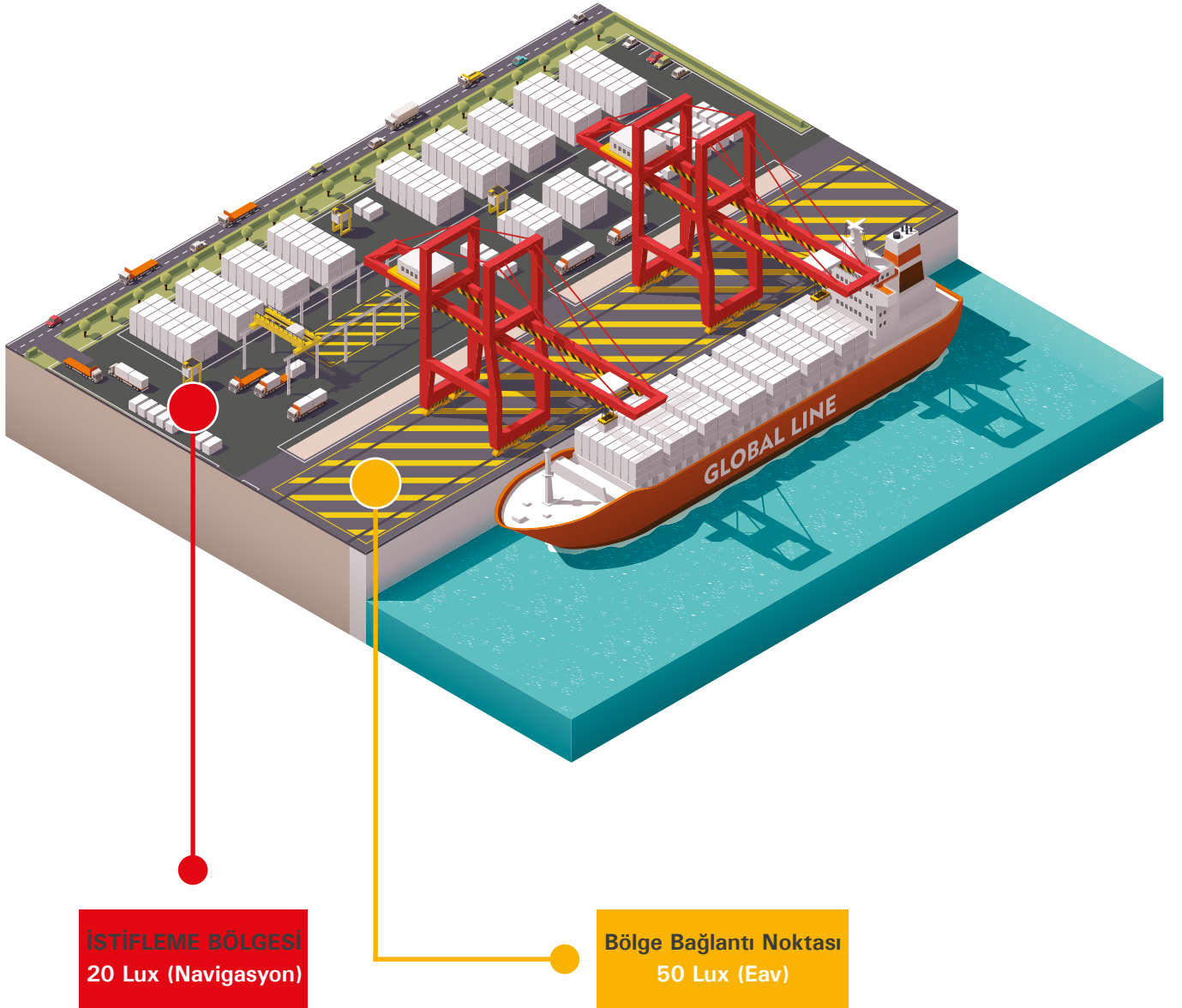


LIGHTING LEVELS IN THE MARINE FACILITIES

First precautions will be started by ensuring labour safety in the holiday villages, which are mentioned within SIP009 norm (see Page 5) for specific light levels and obtained values.

We can identify specific lighting levels in 2 main zones, one of which is a stacking zone and the other is a port zone, in a short time, as assigned below.

EAE lighting solutions and project experts will help you to avoid possible violations of light according to the pre-defined values within the norms.



SIP 009 STANDARD

Health and Safety in The Ports (UK)

Lighting Levels		Average (luxury)	Minimum (luxury)
Safety-On The Dock	Access (Attachments) Zones	20	5
	In The Operational Fields	5	1
HS(G)38 ³	Truck park, corridors, circulation routes, the place where the movement happens, machine, people and vehicle.	20	5
	Kitchens, factories, mounting components etc. The places where the works are carried out this requires perception of the details	100	50
Lighting Level			
Vendor dispatch Requirements	Access, Approaches and working areas.	Unspecified	5
	Transit Zones	Unspecified	1
ILO 152 ⁵	Access Zones	Unspecified	50
	In The Operational Fields	Unspecified	10

² ACOP25, "Safety On The Dock" - 1988 Approved Application Rules
³ HS(G) 38, "Lighting is working" - Health and Safety Responsible, 2002
⁴ SI No. 16370, Vendor Shipment "Access tools" regulations 1988
⁵ ILO 152, "Job Safety and Health in Dock Works" - International Labour Organization, 1979

BS-EN 12464-2 LIGHT AND LIGHTING. OUTDOOR WORK PLACES

Table 5.7 - Industrial sites and warehouse fields

Ref. no.	Field, task or activity type	Em lx	U _o -	GRL -	R _a -	Explanations
5.7.1	Short-term use of large units, raw materials, loading and unloading solid bulk goods	20	0,25	55	20	
5.7.2	Continuous, wide-ranging use units and raw materials, shrinking position for loading, unloading and lifting cranes, open loading platforms	50	0,40	50	20	
5.7.3	Reading addresses, covered loading platforms, use of tools, ordinary reinforcement and casting tasks in the concrete facilities	100	0,50	45	20	
5.7.4	Forceful electrical power, machine and pipe installation, inspection	200	0,50	45	60	Use local lighting

GENERAL SITE LIGHTING SOLUTIONS

Floodlights are effective lighting luminaires that are used for multi-purpose and provide uniform distribution of light throughout the entire area where they are located. LED floodlights, which are especially used in harbour and shipyards, are among the large and powerful helpers of site lighting.

EAE LED floodlights that offer excellent lighting quality to their users with an optical design, which has been developed specially for the application, and a wide range of lumen package options; it is ideal for all professional indoor and outdoor lighting applications.

Our luminaires have been working smoothly for many years without compromising their performance in the different environment conditions, with their compact product dimensions that are optimized on a family basis and weight advantage. With the Prolit family and Gprona, which provide guarantee for a long-lasting use, you can meet the lighting requirements of transportation, high polygon poles, port ship loading and container storage fields and sites, perfectly. EAE luminaires, which provide the ideal solution for all outdoor floodlight applications, can make LED Retrofit gain possible.

As EAE Aydınlatma, we will also continue to be a part of safe and sustainable environments today, as in the hundreds of projects with our innovative lighting solutions.

- ▶▶ Prolit Effect
- ▶▶ Prolit Plus
- ▶▶ Gprona





EAE
LIGHTING

PROLIT EFFECT

-30°C +45°C



The most effective and lightest product in the global market

- LED luminaire, which is suitable for heavy industrial and port conditions
- Resistant against harsh conditions with IK10 high mechanical strength and silk-screened, tempered glass
- Maximum performance in the environments, where water and dust are available, with its IP66 Value
- Rich optical diversity selected by our team in accordance with the structure of port site
- A wide range of lumen and watt values from 420W to 770W and 57klm to 102klm
- Perfect solution for the hardest winter and summer conditions with -30°C / +55 °C ambient operating temperature
- Control and automation diversity with Dali, RF and 1-10V options
- 1e1 perfect replacement with 2000W Metal Halide lamps. Energy saving up to 60% with ON-OFF option and up to 75% with automation systems
- The most optimal solution for Port sites with life cycles exceeding 60,000 hours
- Suitable for special site solutions for special projects.
- High strength against vibrations.



PROLIT EFFECT

420W - 770W
57945lm - 102371lm

PMMA LENS
13° / 22° / 57° / AS / OT



PROLIT EFFECT MP

420W - 715W
5800lm - 91500lm

PMMA LENS
18° / 23° / 30° / 46° / 60° /
90° / AS

-30°C +55°C



PROLIT
PLUS

It has been created for high performance.

- LED luminaire, which is suitable for heavy industrial and port conditions
- Resistant against harsh conditions with IK09 high mechanical strength and silk-screened, tempered glass
- Maximum performance in the environments, where water and dust are available, with its IP66 Value
- Rich optical diversity selected by our team in accordance with the structure of port site
- A wide range of lumen and watt values from 195W to 435W and 26klm to 57klm
- Perfect solution for the hardest winter and summer conditions with -30°C / +55 °C ambient operating temperature
- Control and automation diversity with Dali, RF and 1-10V options
- 1e1 perfect replacement with 1000W Metal Halide lamps. Energy saving up to 55% with ON-OFF option and up to 70% with automation systems
- The most optimal solution for Port sites with life cycles exceeding 60,000 hours
- Suitable for special site solutions for special projects.
- High strength against vibrations.



PROLIT **PLUS MP**

312W - 435W
25300lm - 56000lm

PMMA LENS
23° / 30° / 46° / 60° / 90° / AS



PROLIT **PLUS NG**

195W - 400W
25300lm - 51000lm

PMMA LENS
16° / 27° / 52° / 98° / AS



PROLIT **PLUS**

195W - 800W
26000lm - 110000lm

PMMA LENS
16° / 27° / 52° / 98° / AS

GPRONA

-30°C +55°C



The best choice from the asymmetric point of view

- LED luminaire, which is suitable for heavy industrial and port conditions
- Resistant against harsh conditions with IK09 high mechanical strength and tempered glass
- Maximum performance in the environments, where water and dust are available, with its IP66 Value
- Perfect solution in the port sites with special asymmetric curve
- A wide range of lumen and watt values from 135W to 463W and 21444lm to 74200lm
- Perfect solution for the hardest winter and summer conditions with -30°C / +55 °C ambient operating temperature
- Control and automation diversity with Dali, RF and 1-10V options
- 1 to 1 perfect replacement with 1000W Metal Halide lamps. Energy saving up to 67% with ON-OFF option and up to 80% with automation systems
- Suitable for special site solutions for special projects
- High strength against vibrations.



GPRONA

136W / 159W / 290W / 364W / 463W
21000 lm / 24000lm / 46000 lm /
57000lm / 74000 lm

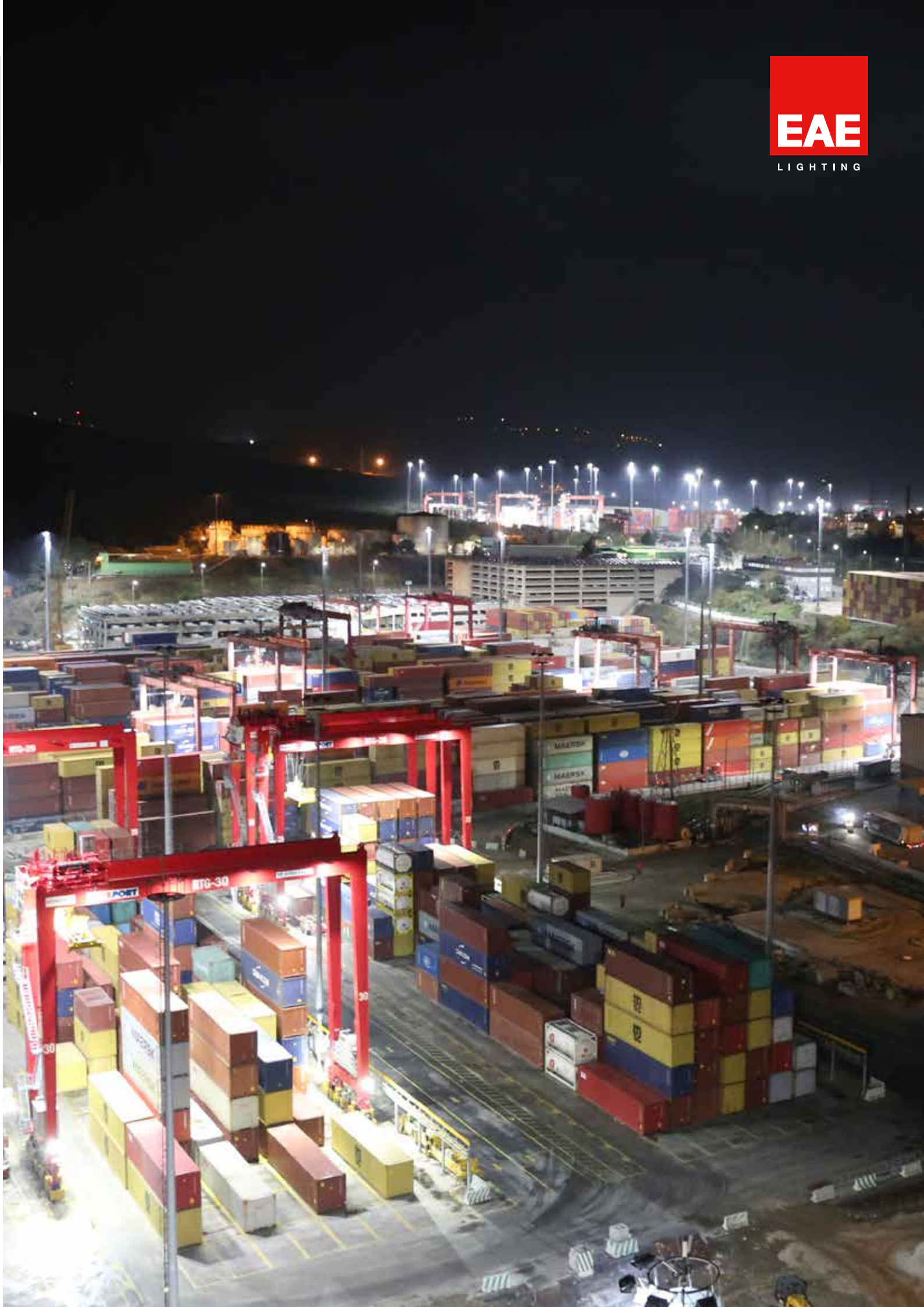
DALI / 1-10V / DIMKO / RF option



GPRONA MINI

133W / 156W / 185W
21800 lm / 25400 lm / 29400 lm

DALI / 1-10V / DIMKO / RF option



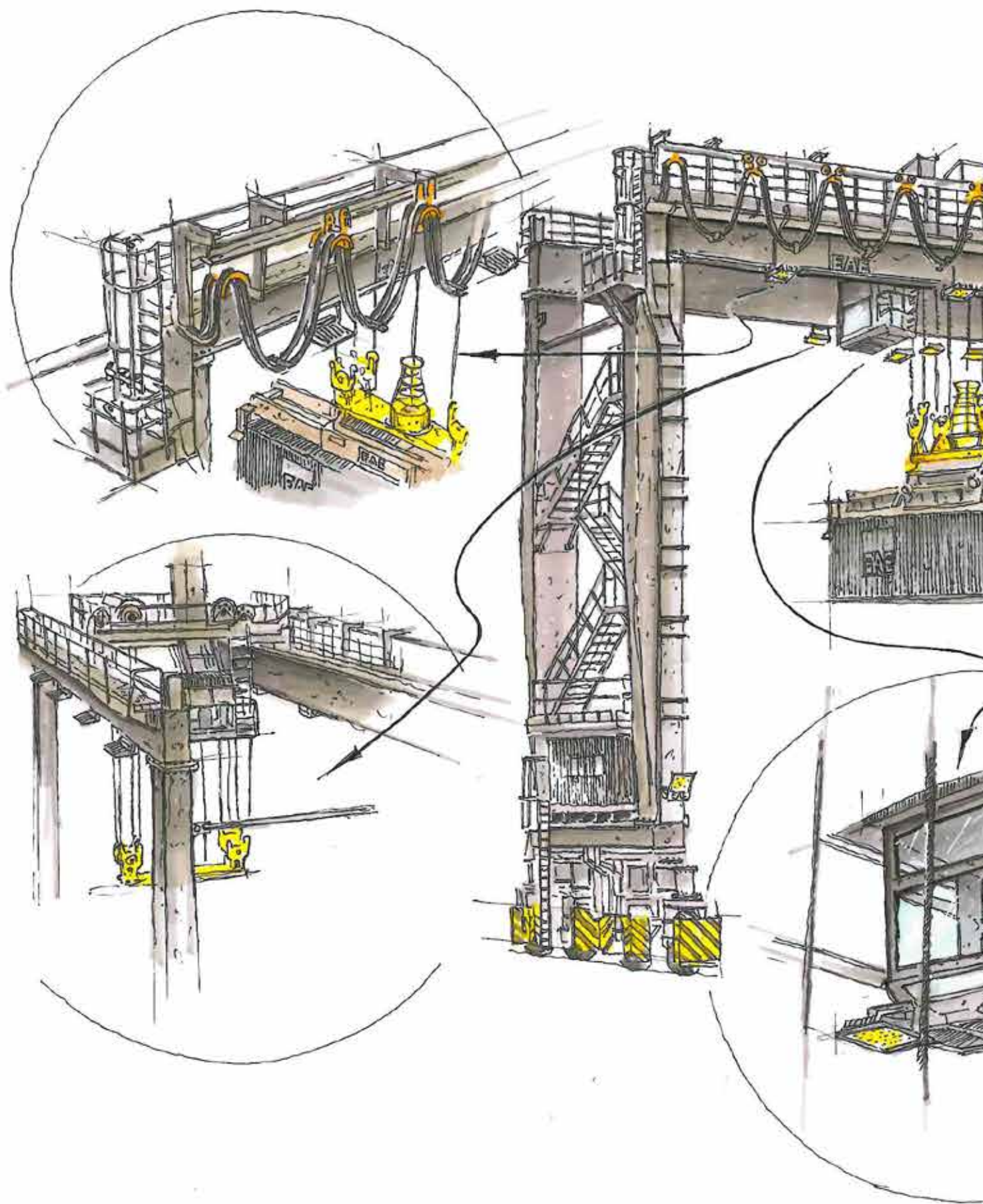
RTG CRANE AREAS

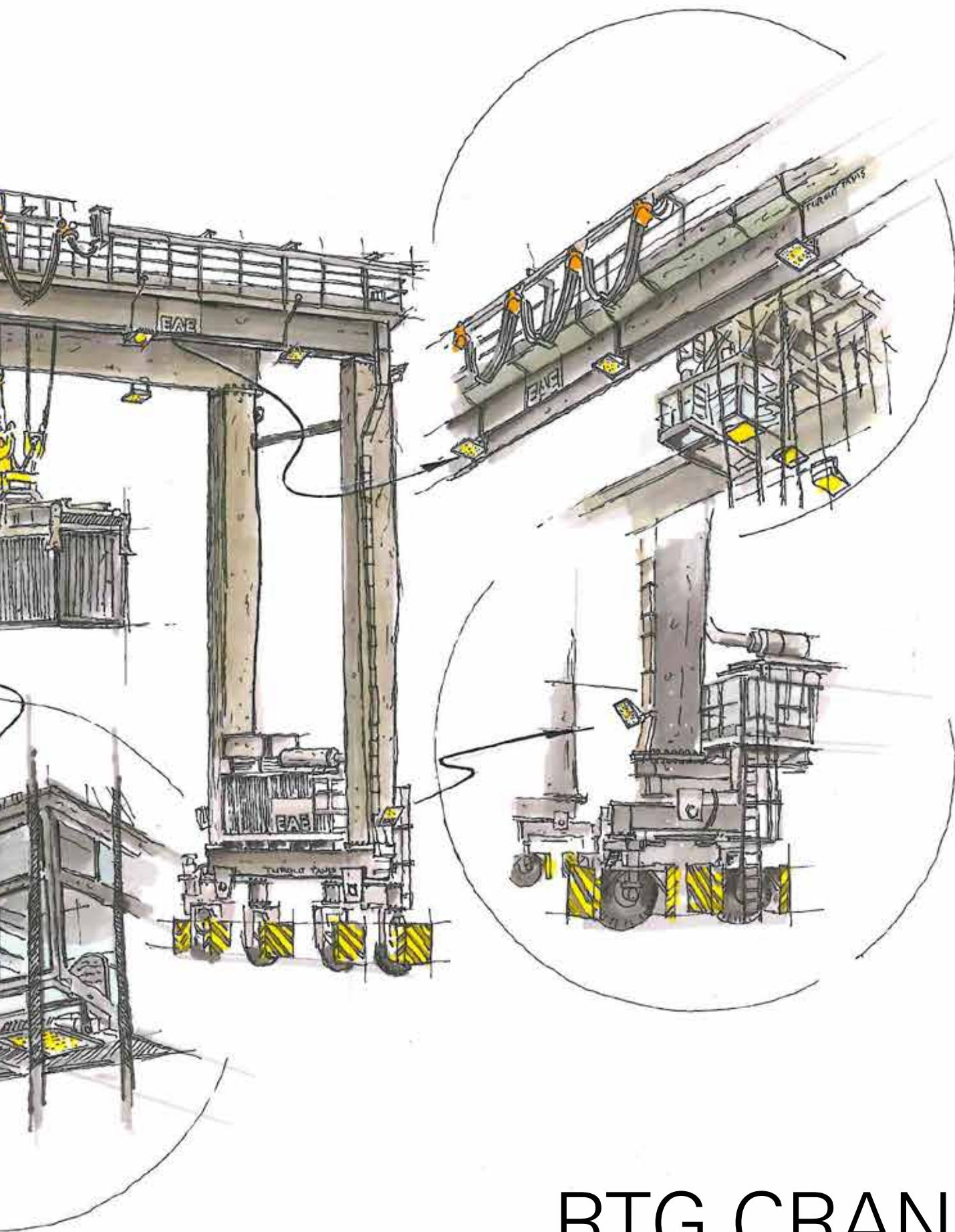
RTG Crane areas consist of the sections, where loading and container storage areas, especially transportation areas in the operation fields, are located. Comfortable working environment in these areas can only happen with appropriate luminaire selections intended for the needs. As EAE Aydınlatma, we offer the ideal solution with our lighting solutions in accordance with world standards.

- ▶▶ Prolit Plus
- ▶▶ Prolit V.3
- ▶▶ Prolit Kompakt
- ▶▶ Galis









RTG CRANE AREAS



It has been created for high performance.

- LED luminaire suitable for mobile equipment lighting
- Resistant against high vibration and impacts with IK09 high mechanical strength and silk-screened, tempered glass
- Maximum performance in the environments, where water and dust are available, with its IP66 Value
- Rich optical diversity selected by our team in accordance with crane structure and location
- A wide range of lumen and watt values from 202W to 435W and 26klm to 57klm
- Perfect solution for the hardest winter and summer conditions with -30°C / +55 °C ambient operating temperature
- Control and automation diversity with Dali, RF and 1-10V options
- 1 to 1 perfect replacement with 1000W Metal Halide lamps. Energy saving up to 55% with ON-OFF option and up to 70% with automation systems
- The most optimal solution for mobile equipment with life cycles exceeding 60,000 hours
- Suitable for special site solutions for special projects.
- 1:1 replacement easiness in the current projects with special suspension systems.
- High strength against vibrations.



PROLIT PLUS MP

312W - 435W
25300lm - 56000lm

PMMA LENS
23° / 30° / 46° / 60° / 90° / AS



PROLIT PLUS NG

195W - 400W
25300lm - 51000lm

PMMA LENS
16° / 27° / 52° / 98° / AS



PROLIT PLUS

195W - 400W
26000lm - 56900lm

PMMA LENS
16° / 27° / 52° / 98° / AS

-35°C +75°C

PROLIT
V.3



Perfect efficiency in the floodlight applications

- LED luminaire suitable for mobile equipment lighting
- Resistant against high vibration and impacts with IK09 high mechanical strength and silk-screened, tempered glass
- Maximum performance in the environments, where water and dust are available, with its IP66 Value
- Rich optical diversity selected by our team in accordance with crane structure and location
- A wide range from 94W to 230W and 13klm to 28klm
- -30°C- / +55°C ambient operating temperature
- Control and automation diversity with Dali, RF and 1-10V options
- 1 to 1 perfect replacement with 400W Metal Halide lamps. Energy saving up to 65% with ON-OFF option and up to 80% with automation systems
- The most optimal solution for mobile equipment with life cycles exceeding 60,000 hours
- Suitable for special site solutions for special projects.
- 1:1 replacement in the current projects with special suspension systems.
- High strength against vibrations.



PROLIT
V.3 MP

134W - 230W
1200lm - 27600lm

PMMA LENS
18° / 23° / 30° / 46° / 60° / 90° / AS



PROLIT
V.3

102W - 230W
14879lm - 28306lm

PMMA LENS
13° / 22° / 32° / 57° / 99° / OT / AS / SP



PROLIT
V.3 NG

95W - 200W
12600lm - 22800lm

PMMA LENS
10° / 16° / 27° / 52° / 98° / AS

PROLIT KOMPAKT



-20°C +40°C



Compact solution for port applications

- LED luminaire suitable for mobile equipment lighting
- Resistant against high vibration and impacts with IK08 high mechanical strength and silk-screened, tempered glass
- Maximum performance in the environments, where water and dust are available, with its IP66 Value
- Rich optical diversity selected by our team in accordance with crane structure and location
- A wide range of lumen and watt values from 70W to 124W and 8klm to 12klm
- Perfect solution for the hardest winter and summer conditions with -30°C / +55 °C ambient operating temperature
- Control and automation diversity with Dali, RF and 1-10V options
- 1 to 1 perfect replacement with 250W Metal Halide lamps. Energy saving up to 60% with ON-OFF option and up to 75% with automation systems
- The most optimal solution for mobile equipment with life cycles exceeding 60,000 hours
- Suitable for special site solutions for special projects.
- 1:1 replacement easiness in the current projects with special suspension systems.
- High strength against vibrations.



PROLIT KOMPAKT

75W - 124W
7371W - 14440lm

PMMA LENS
16° / 27° / 52° / 98° / 99° /
AS / SP



PROLIT KOMPAKT MP

70W - 95W
7700W - 14440lm

PMMA LENS
18° / 23° / 35° / 46° / 60° /
90° / AS

-35°C +75°C

GALIS

Maximum performance in the harsh conditions

- Reliable LED luminaire to illuminate mobile equipment paths.
- Resistant against high vibration and impacts with IK09 high mechanical strength, transparent and sanded glass options
- Maximum performance in the environments, where water and dust are available, with its IP66 Value
- Single bushed and double bushed feeding options according to the structure of the mobile equipment
- Solution-oriented, high-efficiency lighting with different input voltage options
- Installation and application easiness with their 30cm-150cm lengths and special suspension systems
- 60% energy saving compared to their counterpart fluorescent lamps
- Resistant against vibrations.



GALIS

19W - 70W
2480lm - 7580lm
(Transparent Glass)

19W - 70W
1980lm - 6025lm
(Sanded Glass)



GALIS 24V

15W - 61W
24 V OC
2063lm - 7765lm
(Transparent Glass)

15W - 61W
24 V AC
2063lm - 7765lm
(Transparent Glass)

14W 24V AC / DC
1400lm
(Transparent Glass)



GALIS Mini

10W - 36W
1100lm - 3400lm
(Transparent Glass)

14W - 36W
1603lm - 3924lm
(Sanded Glass)

SSG CRANE AREAS

Accurate and effective illumination of SSG crane areas will maximally improve the visibility quality of the operator and employees. We offer safe lighting solutions for SSG crane areas with our LED luminaires, which are designed for stacking sites and under-crane working zones, where containers are transported.

- ▶▶ Prolit Plus
- ▶▶ Prolit V.3
- ▶▶ Prolit Kompakt
- ▶▶ Galis









SSG CRANE AREAS



It has been created for high performance.

- LED luminaire suitable for mobile equipment lighting
- Resistant against high vibration and impacts with IK09 high mechanical strength and silk-screened, tempered glass
- Maximum performance in the environments, where water and dust are available, with its IP66 Value
- Rich optical diversity selected by our team in accordance with crane structure and location
- A wide range of lumen and watt values from 202W to 435W and 26klm to 57klm
- Perfect solution for the hardest winter and summer conditions with -30°C / +55 °C ambient operating temperature
- Control and automation diversity with Dali, RF and 1-10V options
- 1 to 1 perfect replacement with 1000W Metal Halide lamps. Energy saving up to 55% with ON-OFF option and up to 70% with automation systems
- The most optimal solution for mobile equipment with life cycles exceeding 60,000 hours
- Suitable for special site solutions for special projects.
- 1:1 replacement easiness in the current projects with special suspension systems.
- High strength against vibrations.



PROLIT PLUS MP

195W - 400W
25300lm - 51000lm

PMMA LENS

18° / 23° / 30° / 46° / 50° / 90° / AS



PROLIT PLUS NG

195W - 854W
25300lm - 51000lm

PMMA LENS

16° / 27° / 52° / 98° / AS



PROLIT PLUS

195W - 400W
26000lm - 56900lm

PMMA LENS

16° / 27° / 52° / 98° / AS

-35°C +75°C

PROLIT
V.3



Perfect efficiency in the floodlight applications

- LED luminaire suitable for mobile equipment lighting
- Resistant against high vibration and impacts with IK09 high mechanical strength and silk-screened, tempered glass
- Maximum performance in the environments, where water and dust are available, with its IP66 Value
- Rich optical diversity selected by our team in accordance with crane structure and location
- A wide range from 94W to 230W and 13klm to 28klm
- -30°C- / +55°C ambient operating temperature
- Control and automation diversity with Dali, RF and 1-10V options
- 1 to 1 perfect replacement with 400W Metal Halide lamps. Energy saving up to 65% with ON-OFF option and up to 80% with automation systems
- The most optimal solution for mobile equipment with life cycles exceeding 60,000 hours
- Suitable for special site solutions for special projects.
- 1:1 replacement in the current projects with special suspension systems.
- High strength against vibrations.



PROLIT
V.3 MP

134W - 230W
1200lm - 27600lm

PMMA LENS
18° / 23° / 30° / 46° / 60° / 90° / AS



PROLIT
V.3

102W - 230W
14879lm - 28306lm

PMMA LENS
13° / 22° / 32° / 57° / 99° / OT / AS / SP



PROLIT
V.3 NG

95W - 200W
12600lm - 22800lm

PMMA LENS
10° / 16° / 27° / 52° / 98° / AS

PROLIT KOMPAKT



-20°C +40°C



Compact solution for port applications

- LED luminaire suitable for mobile equipment lighting
- Resistant against high vibration and impacts with IK08 high mechanical strength and silk-screened, tempered glass
- Maximum performance in the environments, where water and dust are available, with its IP66 Value
- Rich optical diversity selected by our team in accordance with crane structure and location
- A wide range of lumen and watt values from 70W to 124W and 8klm to 12klm
- Perfect solution for the hardest winter and summer conditions with -30°C / +55 °C ambient operating temperature
- Control and automation diversity with Dali, RF and 1-10V options
- 1 to 1 perfect replacement with 250W Metal Halide lamps. Energy saving up to 60% with ON-OFF option and up to 75% with automation systems
- The most optimal solution for mobile equipment with life cycles exceeding 60,000 hours
- Suitable for special site solutions for special projects.
- 1:1 replacement easiness in the current projects with special suspension systems.
- High strength against vibrations.



PROLIT KOMPAKT

75W - 124W
7371W - 14440lm

PMMA LENS
16° / 27° / 52° / 98° / 99° /
AS / SP



PROLIT KOMPAKT MP

70W - 95W
7700W - 14440lm

PMMA LENS
18° / 23° / 35° / 46° / 60° /
90° / AS

-35°C +75°C

GALIS



Maximum performance in the harsh conditions

- Reliable LED luminaire to illuminate mobile equipment paths.
- Resistant against high vibration and impacts with IK09 high mechanical strength, transparent and sanded glass options
- Maximum performance in the environments, where water and dust are available, with its IP66 Value
- Single bushed and double bushed feeding options according to the structure of the mobile equipment
- Solution-oriented, high-efficiency lighting with different input voltage options
- Installation and application easiness with their 30cm-150cm lengths and special suspension systems
- 60% energy saving compared to their counterpart fluorescent lamps
- Resistant against vibrations.



GALIS

19W - 70W
2480lm - 7580lm
(Transparent Glass)

19W - 70W
1980lm - 6025lm
(Sanded Glass)



GALIS 24V

15W - 61W
24 V OC
2063lm - 7765lm
(Transparent Glass)

15W - 61W
24 V AC
2063lm - 7765lm
(Transparent Glass)

14W 24V AC / DC
1400lm
(Transparent Glass)



GALIS Mini

10W - 36W
1100lm - 3400lm
(Transparent Glass)

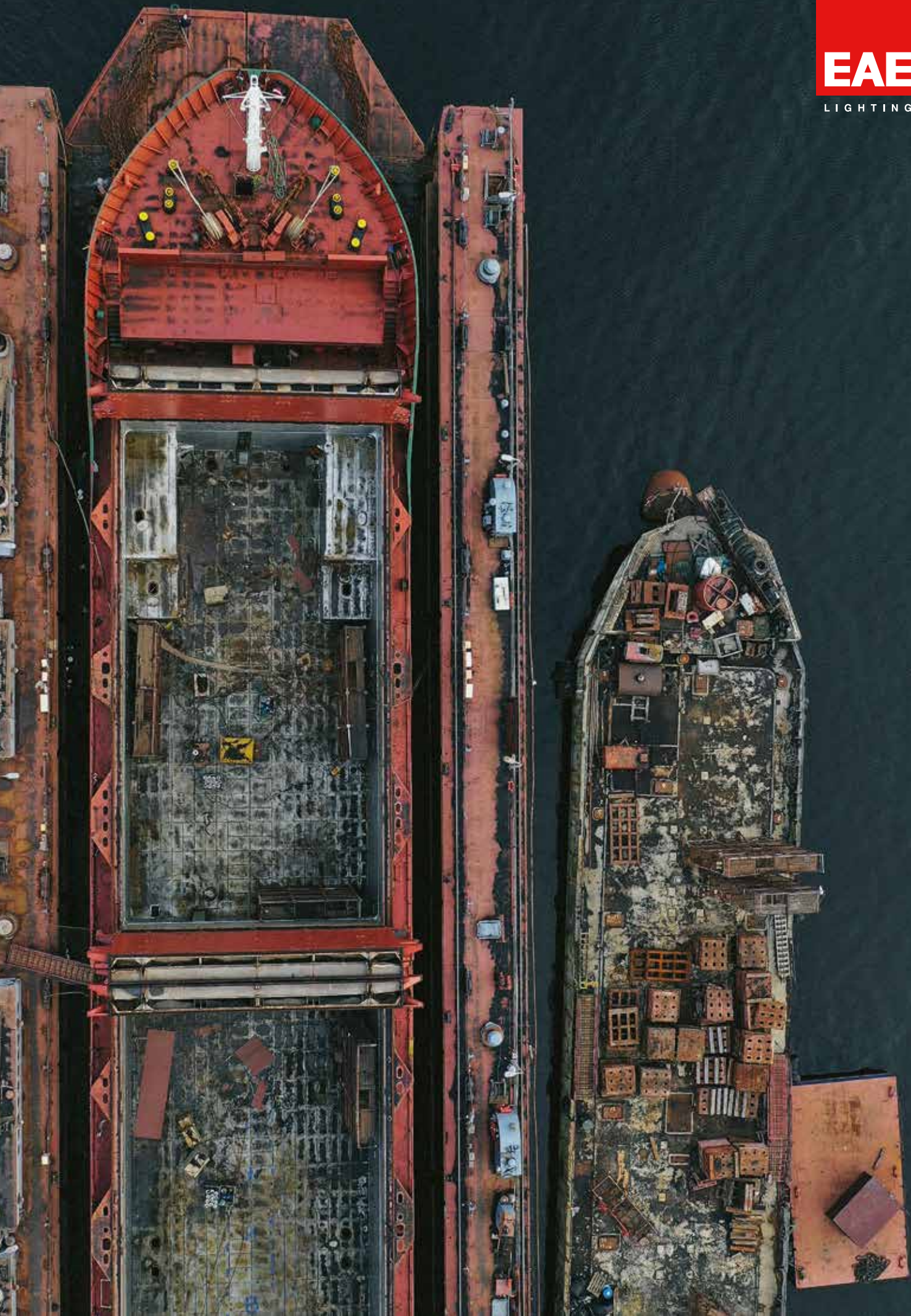
14W - 36W
1603lm - 3924lm
(Sanded Glass)

SHIPYARD AREAS

The shipyards consist of many different sites, including pool area lighting, welding repair sections and maintenance repair areas. Considering the height of the shipyard areas in today's world, it is very important to use high-performance products intended for the needs. With EAE solutions, which are developed with the state-of-the-art technology, you can achieve maximum performance in outdoor working fields.

- ▶▶ Prolit V.3
- ▶▶ Prolit Kompakt
- ▶▶ Galis





PROLIT

V.3



-20°C +40°C



Perfect efficiency in the floodlight applications

- LED luminaire suitable for mobile equipment lighting
- Resistant against high vibration and impacts with IK09 high mechanical strength and silk-screened, tempered glass
- Maximum performance in the environments, where water and dust are available, with its IP66 Value
- Rich optical diversity selected by our team in accordance with crane structure and location
- A wide range from 94W to 230W and 13klm to 28klm
- -30°C / + 55°C ambient operating temperature
- Control and automation diversity with Dali, RF and 1-10V options
- 1 to 1 perfect replacement with 400W Metal Halide lamps. Energy saving up to 65% with ON-OFF option and up to 80% with automation systems
- The most optimal solution for mobile equipment with life cycles exceeding 60,000 hours
- Suitable for special site solutions for special projects.
- 1:1 replacement in the current projects with special suspension systems.
- High strength against vibrations.



PROLIT V.3 MP

134W - 230W
1200lm - 27600lm

PMMA LENS

18° / 23° / 30° / 46° / 60° / 90° / AS



PROLIT V.3

102W - 230W
14879lm - 28306lm

PMMA LENS

13° / 22° / 32° / 57° / 99° / OT / AS / SP



PROLIT V.3 NG

95W - 200W
12600lm - 22800lm

PMMA LENS

10° / 16° / 27° / 52° / 98° / AS

-20°C +40°C

PROLIT
KOMPAKT



Compact solution for port applications

- LED luminaire suitable for mobile equipment lighting
- Resistant against high vibration and impacts with IK08 high mechanical strength and silk-screened, tempered glass
- Maximum performance in the environments, where water and dust are available, with its IP66 Value
- Rich optical diversity selected by our team in accordance with crane structure and location
- A wide range of lumen and watt values from 70W to 124W and 8klm to 12klm
- Perfect solution for the hardest winter and summer conditions with -30°C / +55 °C ambient operating temperature
- Control and automation diversity with Dali, RF and 1-10V options
- 1 to 1 perfect replacement with 250W Metal Halide lamps. Energy saving up to 60% with ON-OFF option and up to 75% with automation systems
- The most optimal solution for mobile equipment with life cycles exceeding 60,000 hours
- Suitable for special site solutions for special projects.
- 1:1 replacement easiness in the current projects with special suspension systems.
- High strength against vibrations.



PROLIT **KOMPAKT**

75W - 124W
7371W - 14440lm

PMMA LENS
16° / 27° / 52° / 98° / 99° /
AS / SP



PROLIT **KOMPAKT MP**

70W - 95W
7700W - 14440lm

PMMA LENS
18° / 23° / 35° / 46° / 60° /
90° / AS



PROLIT **KOMPAKT 24V**

34W - 53W - 79 W
24 V AC/DC
3700lm - 8600lm

34W - 24V AC
3738 LM - 3811 LM

34W - 24V DC
3741 LM - 3826 LM

27 - 52 - 99 - AS LENS TYPES

GALIS

-25°C +40°C



Maximum performance under challenging conditions

- Reliable LED luminaire to illuminate mobile equipment paths.
- Resistant against high vibration and impacts with IK09 high mechanical strength, transparent and sanded glass options
- Maximum performance in the environments, where water and dust are available, with its IP66 Value
- Single bushed and double bushed feeding options according to the region of use
- Solution-oriented, high-efficiency lighting with different input voltage options
- Installation and application easiness with their 10cm-150cm lengths and special suspension systems
- 60% energy saving compared to their counterpart fluorescent lamps
- Resistant against vibrations.



GALIS

19W - 70W
2480lm - 7580lm
(Transparent Glass)

19W - 70W
1980lm - 6025lm
(Sanded Glass)



GALIS 24V

15W - 61W
24 V OC
2063lm - 7765lm
(Transparent Glass)

15W - 61W
24 V AC
2063lm - 7765lm
(Transparent Glass)

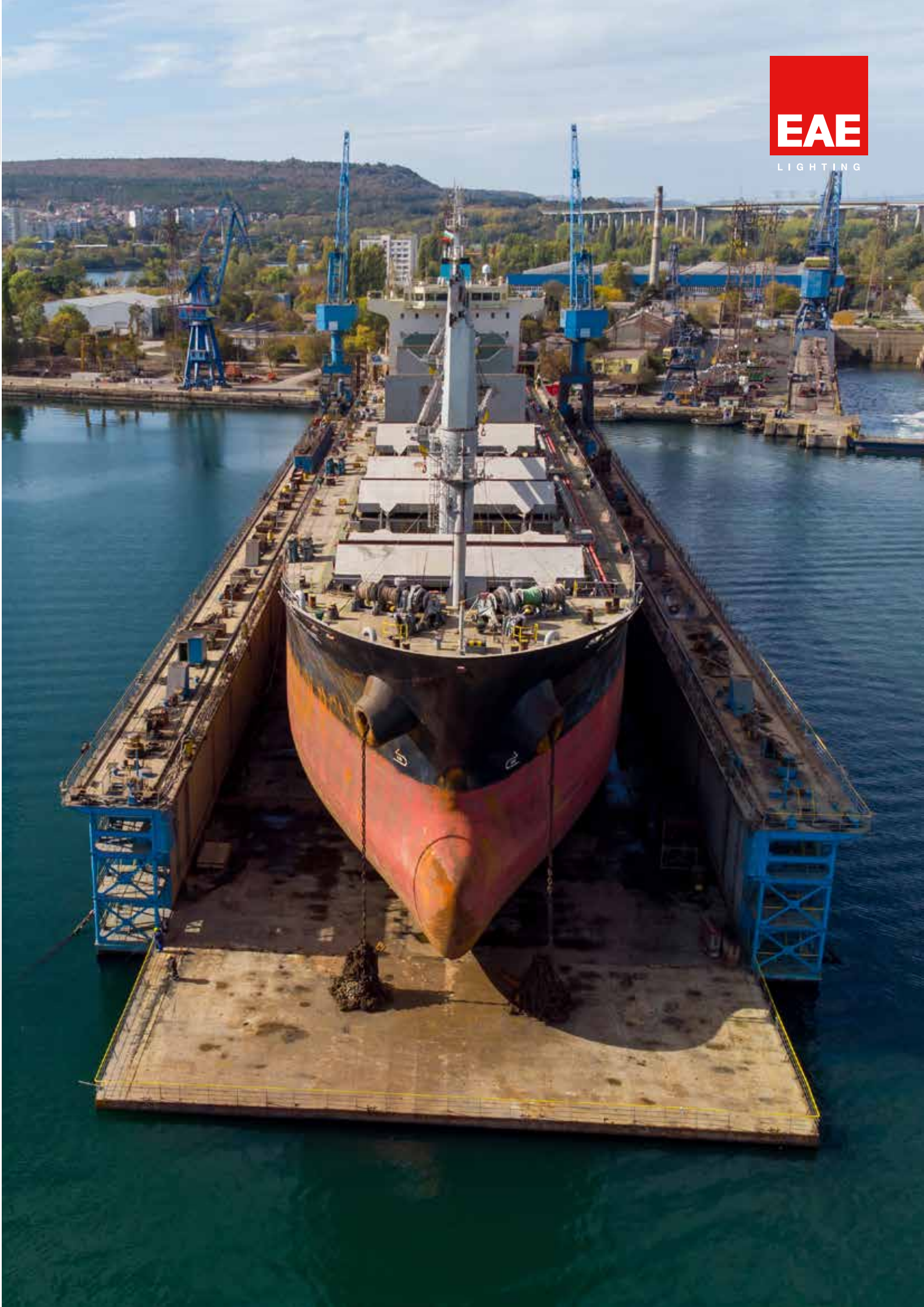
14W 24V AC / DC
1400lm
(Transparent Glass)



GALIS Mini

10W - 36W
1100lm - 3400lm
(Transparent Glass)

14W - 36W
1603lm - 3924lm
(Sanded Glass)



OTHER SOLUTIONS

Solutions, which are among the highest requirements in port and shipyard sites, are very important for site lighting. As EAE Aydınlatma, we make it effortless to provide an effective lighting performance throughout the entire operation process with our special solutions that we offer in different sections, such as container and crane structures.

- ▶▶ SPR Crane
- ▶▶ Revoled - X
- ▶▶ HBC
- ▶▶ RA 1 - 2 - 3





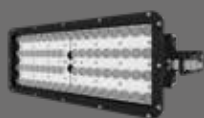
EAE

LIGHTING

Maximum performance under challenging conditions



- Aluminium housing with high mechanical strength
- Maximum performance in the environments, where water and dust are available, with its IP66 Value
- Optimized, single, dual and triple modular use
- Functional use in the port and outdoor applications with special hanger set
- Long-lasting use with its life cycle exceeding 60,500 hours
- -25 °C- / +45 °C ambient operating temperature

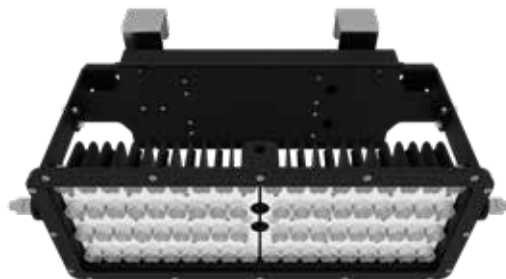
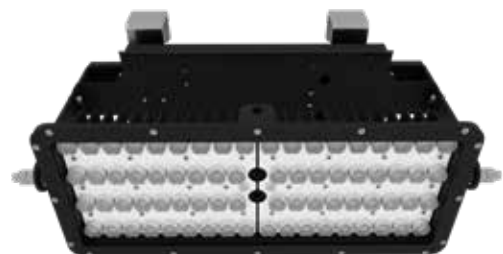
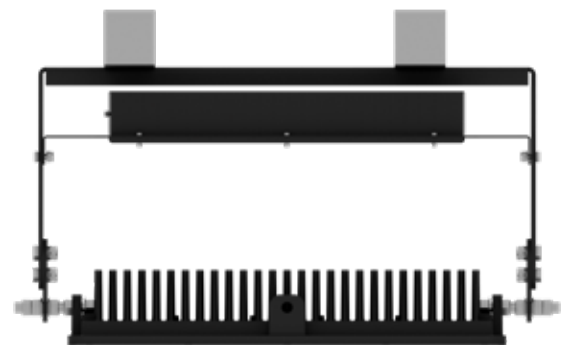


SPR
CRANE

348W - 144lm/w
20°/ 35°/ 60°

SPR CRANE

- SPR CRANE provides an effective lighting performance during the entire operation process, where load intake is started and transportation is carried out, thanks to mobile hanger set on the cranes in the port sites.



REVOLED-X

-40°C +70°C



Experience performance at the highest level

- Ambient operating temperature up to +70°C
- 3865lm - 43600lm output range
- Up to 171 lm/W efficiency
- 30°x90° / 30° / 60° / 90° / AS / DA / 25x105°
- 7 different beam angle options
- Cable tray / Busbar / Angled wall / Seismic
- 1H - 3H EMG kit / DALI - RF wireless control options

EVO IP65



HE



FOOD



STANDARD



SPORT



STERILE



EVO



HOT PLUS



HOT





REVOLED-X

28W - 128W
4294lm - 21078lm

30°x90° / 30° / 60° / 90° /
AS / DA / 25x105°



REVOLED-X HE

26W - 117W
4080lm - 20556lm

30°x90° / 30° / 60° / 90° /
AS / DA / 25x105°



REVOLED-X EVO

67W - 338W
9235lm - 43600lm

30°x90° / 30° / 60° / 90° /
AS / DA / 25x105°



REVOLED-X EVO IP65

67W - 337W
9235lm - 42102lm

30°x90° / 30° / 60° / 90° /
AS / DA / 25x105°



REVOLED-X HOT / HOT PLUS

26W - 129W
3865lm - 18546lm

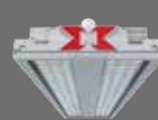
30° / 60° / 90°



REVOLED-X SPORT

28W - 337W
4294lm - 43600lm

30°x90° / 30° / 60° / 90° /
AS / DA / 25x105°



REVOLED-X STERIL

28W - 128W
4294lm - 21078lm

30°x90° / 30° / 60° / 90° /
AS / DA / 25x105°



REVOLED-X FOOD

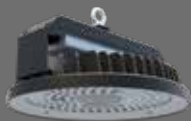
28W - 128W
4294lm - 21078lm

30°x90° / 30° / 60° / 90° /
AS / DA / 25x105°



Functional and efficient lighting

- High-performance LED luminaire
- 79W- 220W power consumption range
- Open front model/glass model options
- Different optical options
- Single point / Cable tray / Busbar suspension setting options
- 1 hour - 3 hours Emergency kit / 1-10V - DALI control option



HBC Lens

79W – 220W
9822lm - 26980lm

60° / 90°



HBC Lens + Glass

79W – 179W
8897lm - 20101lm

60° / 90°



HBC Lens + Emergency Kit

79W – 179W
9822lm - 23229lm

60° / 90°



HBC Lens + Glass Emergency Kit

79W – 179W
8897lm - 20101lm

60° / 90°

-25°C +50°C

RA / RA2 / RA3



Powerful area lighting

- High-performance LED luminaire
- Long-lasting and easy installation
- 3.6klm - 27.7klm output range / 25W - 218W power consumption range
- DALI / RF wireless system compatibility
- Class I and Class II option
- Smart light control system with DIMKO



RA

25W – 58W
3574lm - 7962lm

PMMA LENS
100° / 110° / Wide angle /
Extra Wide angle / OT

RF Wireless and DALI /1-10V
+ Dimko control option



RA 2

30W – 134W
3637lm - 15894lm

PMMA LENS
100° / 110° / Wide angle /
Extra Wide angle / OT

RF Wireless and DALI /1-10V
+ Dimko control option



RA 3

112W - 218W
15378lm -27700lm

PMMA LENS
100° / 110° / Wide angle /
Extra Wide angle / OT

RF Wireless and DALI /1-10V
+ Dimko control option

REFERENCES





REFERENCES



Asyaport Container Station

Tekirdağ / Türkiye

2014 - 2018 - 2020 New project

300.000 m² Outdoor space

G-Prona / Prolit / Megalit



Evyaport Intermodal Station

Kocaeli / Türkiye

2015 - 2018 - 2020

100.000 m² Outdoor space

40.000 m² indoor space

Prolit / G-prona / Sround



Çelebi Bandırma Intermodal Station

Bandırma / Türkiye

2015 New project

268.348 m² Outdoor space

350.000 container capacity annually

Prolit / G-prona



Safiport Intermodal Station

Kocaeli / Türkiye

2018 New project

200.000 m² Outdoor space

40.000 m² Indoor space

Sporna / Prolit / G-prona / Sround

REFERENCES



Yılport Container Station

Gebze / Türkiye

2019 new project

1.000.000 container capacity annually

Prolit Plus / G-prona / Sround Crane RF / ArktoS / PRM



APM Intermodal Station

Rotherdam / Netherlands

2015 - 2019 - 2020 New projects

100.000 m² Outdoor space

Prolit / Galis / T-Bar / D-Bar



Assanport intermodal Station

İskenderun / Türkiye

2017 - 2018 New project

127.850 m² Outdoor space

2000 m² Indoor space

Prolit / G-Prona / Megalit / ArktoS



Gemport Station

Gemlik / Türkiye

2019 new project

1.000.000 container capacity annually

2000 m² Indoor space

G-Prona / Prolit Plus / ArktoS / Sround Crane RF

REFERENCES



Solventaş Liquid Discharge Station

Dilovası / Türkiye

2019 new project

4.020.000 m³ liquid capacity annually

G-Prona / Prolit Plus / Arktos / Sround Crane RF



Roda Port Container Station

Gemlik / Türkiye

2019 new project

110.000 m² Outdoor space

200.000 container capacity annually

G-Prona / Prolit Plus / Prolit



Ro-Ro Port

Yalova / Türkiye

2019 new project

80.000 m² Outdoor space

G-Prona / Arktos / Megalit



İÇDAŞ

Çanakkale / Türkiye

2017 - 2018 New project

80.000 m² Outdoor space

G-Prona / Megalit

REFERENCES



Alport Kargo - Container Station

Conakry / Guinea

2017 new project

500.000 m² Outdoor space

Prolit / G-Prona / Arktos

PORT SOLUTIONS

EAE Lighting-Brochure **PORT SOLUTIONS** - EN - Updating Date: 29/12/2022
The EAE has the right to make any appropriate changes it deems necessary without prior notice.
Please contact us with regard to the details of the information in the catalogue.



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