


















**STREET AND
INDUSTRIAL LED**
LIGHTING
SOLUTIONS



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STREET LIGHTING



IRIS FAMILY



DESCRIPTION

The IRIS FAMILY is a premium solution for public and residential street lighting, ensuring top-quality with all necessary EU certifications. Featuring high-efficiency LEDs and 41 optic options, it provides precise illumination. With a robust aluminum housing, corrosion resistance class C4 and a lifetime of up to 100,000 hours (L95 B10), IRIS FAMILY fixtures ensure long-lasting performance even in harsh environments. Its tool-free opening allows quick and cost-effective maintenance, while power options from 10 W to 200 W offer adaptability for diverse applications. Ideal for creating energy-efficient, eco-friendly, visually comfortable lighting.

APPLICATIONS

IRIS FAMILY luminaires - ideal for a wide range of outdoor applications: streets, highway roads, parking lots, railway platforms, pedestrian areas, parks and bike paths, also for urban infrastructure or recreational spaces.

BENEFITS

- **Best in Class:** Designed and manufactured by ENIM, a trusted EU producer, meeting all EU road requirements and certifications.
- **Superior Efficiency:** Advanced technology with high-efficiency LEDs for maximum performance.
- **Versatile Power Options:** Ranges from 10W to 200W, tailored to fit any lighting project.
- **Adaptable Optics:** 41 optic types ensure precise lighting for diverse applications.
- **Engineered for Longevity:** Built to last 100,000 hours (L95 B10), with corrosion-resistant aluminum housing.
- **Corrosion Resistance:** Corrosion resistance class C4, ensuring durability in harsh environments.
- **Easy Maintenance:** Tool-less access simplifies installation and upkeep.
- **Unique Design:** Sleek, dirt-resistant design perfected over 15 years for practicality and aesthetics.
- **Safety First:** Integrated safety switch prevents electric shocks.
- **Sustainability:** Dimming options for energy savings, EPD certificate ensures low carbon emissions and eco-friendly materials.
- **Dark Sky Certified:** Reduces light pollution, preserving the beauty of the natural night sky.

*Dark Sky applies to luminaires up to 3000 K.





IRIS 0



TECHNICAL INFORMATION:

ELECTRICAL	V	Input voltage	220-240
	Hz	Rated voltage	50-60
	W	Luminaire wattage	10 to 70
	cosφ	Power factor	≥ 0.95
OPTICAL	Lm	Luminous flux	1350-10780
	Lm/W	Luminous efficacy	Up to 170 Lm/W
	K	Color temperature	2700/3000/4000 and 5700 for pedestrian crossing
	C°	Performance temperature	10-60 W: -40°C ≤ Ta ≤ +40°C; 70 W: -40°C ≤ Ta ≤ +50°C
	CRI	Color rendering index	≥70
		Optical cover	Glass, thermally hardened (4 mm)

Number of LED's	8				16				24			
Power	10 W	20 W	10 W	20 W	30 W	40 W	50 W	30 W	40 W	50 W	60 W	70 W
Luminous Flux, Lm	1350-1680	2400-3020	1270-1560	2760-3320	4080-4980	5200-6440	6400-7800	4140-5100	5400-6640	6650-8300	7740-9600	8820-10780
Efficacy, Lm/W	135-168	120-151	127-156	138-166	136-166	130-161	128-156	138-170	135-166	133-166	129-160	126-154

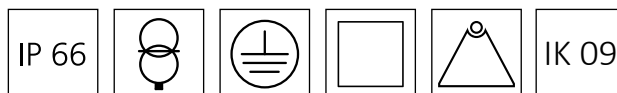
HOUSING	Size	421,6 x 198 x 95,6 mm
	Weight	Max 3,6 kg
	Body material	Heat sink: cast aluminium, painted
	Tool-less	Lid opening and driver change
	Protection against fogging	The luminaire design incorporates a pressure-equalizing moisture/dust filter that prevents moisture condensation in the luminaire housing
	Installation	Adjustable bracket: angle - 20 + 25 , Ø 60-76 mm, Ø 42-60 mm

COLOUR			
	RAL 7035	RAL 7015	RAL 9004

DRIVER	Interfaces	One4all (DALI, DALI2, DT6, DSI, switchDIM, corridorFunction), NFC connection, Ready2mains (configuration and dimming via the mains), U6Me2 programming protocol, Chronostep – automatic luminaire dimming, Power-on level
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OPTIONAL	Sockets for various smart control sensors D4I ZHAGA TOP-BOTTOM / D4I ZHAGA BOTTOM / D4I ZHAGA TOP / NEMA TOP
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REMARKS	Recommended mounting height 4-12 m
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IRIS 1



TECHNICAL INFORMATION:

ELECTRICAL	V	Input voltage	220-240 (VAC)
	Hz	Rated voltage	50-60
	W	Luminaire wattage	10 to 130
	cosφ	Power factor	≥ 0.95
OPTICAL	Lm	Luminous flux	1390-21060
	Lm/W	Luminous efficacy	Up to 179 lm/W
	K	Color temperature	2700/3000/4000 and 5700 for pedestrian crossing
	C°	Performance temperature	-40 °C ≤ Ta ≤ +50 °C
	CRI	Color rendering index	≥70
		Optical cover	Glass, thermally hardened (4 mm)

Number of LED's	8			16				32		
Power	10	20	20	30	40	50	30	40	50	
Luminous Flux, Lm	1390-1690	2600-3160	2840-3420	4140-5040	5320-6520	6500-7950	4530-5370	5920-7000	7150-8600	
Efficacy, Lm/W	139-169	130-158	142-171	138-168	133-163	130-159	151-179	148-175	143-172	

Number of LED's	32					48				
Power	60	70	80	90	100	90	100	110	120	130
Luminous Flux, Lm	8520-10500	9800-12040	10720-13520	11790-14850	12800-16200	12960-15660	14000-17100	15180-18480	16200-19800	17160-21060
Efficacy, Lm/W	142-175	140-172	134-169	131-165	128-162	144-174	140-171	138-168	135-165	132-162

HOUSING	Size	508 X 293,5 X 95,6 mm
	Weight	Max 6,5 kg
	Body material	Heat sink: cast aluminium, painted
	Tool-less	Lid opening and driver change
	Protection against fogging	The luminaire design incorporates a pressure-equalizing moisture/dust filter that prevents moisture condensation in the luminaire housing
	Installation	Adjustable bracket: angle -15 + 15, Ø 60-76 mm, Ø 42-60 mm

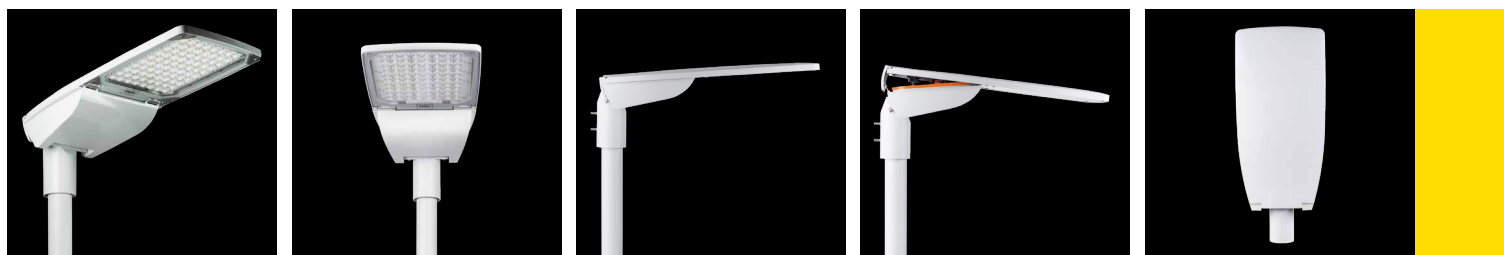
COLOUR			
	RAL 7035	RAL 7015	RAL 9004

DRIVER	Interfaces	One4all (DALI, DALI2, DT6, DSI, switchDIM, corridorFunction), NFC connection, Ready2mains (configuration and dimming via the mains), U6Me2 programming protocol, Chronostep – automatic luminaire dimming, Power-on level
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OPTIONAL	Sockets for various smart control sensors D4i ZHAGA TOP-BOTTOM / D4i ZHAGA BOTTOM / D4i ZHAGA TOP / NEMA TOP
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REMARKS	Recommended mounting height 4-15 m
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IRIS 2



TECHNICAL INFORMATION:

ELECTRICAL	V	Input voltage	220-240 (VAC)
	Hz	Rated voltage	50-60
	W	Luminaire wattage	120-200
	cosφ	Power factor	≥ 0.95
OPTICAL	Lm	Luminous flux	18000-32800
	Lm/W	Luminous efficacy	Up to 177 Lm/W
	K	Color temperature	2700/3000/4000 and 5700 for pedestrian crossing
	°C	Performance temperature	-40 °C ≤ Ta ≤ +50 °C
	CRI	Color rendering index	≥70
		Optical cover	Glass, thermally hardened (4 mm)

Number of LED's	64				80				
Power	120 W	130 W	140 W	150 W	160 W	170 W	180 W	190 W	200 W
Luminous Flux, Lm	18000-21240	19240-22750	20440-24220	21600-25650	23040-27680	24310-28730	25380-30060	26600-31540	27600-32800
Efficacy, Lm/W	150-177	148-175	146-173	144-171	144-173	143-169	141-167	140-166	138-164

HOUSING	Size	608 x 295,4 x 95,6 mm
	Weight	Max 7,5 kg
	Body material	Heat sink: cast aluminium, painted
	Tool-less	Lid opening and driver change
	Protection against fogging	The luminaire design incorporates a pressure-equalizing moisture/dust filter that prevents moisture condensation in the luminaire housing
	Installation	Adjustable bracket: angle - 20 + 25, Ø 60-76 mm, Ø 42-60 mm

COLOUR			
	RAL 7035	RAL 7015	RAL 9004

DRIVER	Interfaces	One4all (DALI, DALI2, DT6, DSI, switchDIM, corridorFunction), NFC connection, Ready2mains (configuration and dimming via the mains), U6Me2 programming protocol, Chronostep – automatic luminaire dimming, Power-on level
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OPTIONAL	Sockets for various smart control sensors D4I ZHAGA TOP-BOTTOM / D4I ZHAGA BOTTOM / D4I ZHAGA TOP / NEMA TOP
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REMARKS	Recommended mounting height 6-15 m
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MPL



DESCRIPTION

MPL is an outdoor lighting solution for streets, highways, parking lots and more. It offers certified quality and high-efficiency LEDs for maximum performance. Available in power options ranging from 10W to 120W, it ensures precise lighting with adaptable optics. Built for durability (100,000 hours) and corrosion resistance (C4), MPL includes safety features and energy-saving dimming profiles. Eco-friendly with a low carbon footprint, it's the perfect choice for sustainable outdoor lighting.

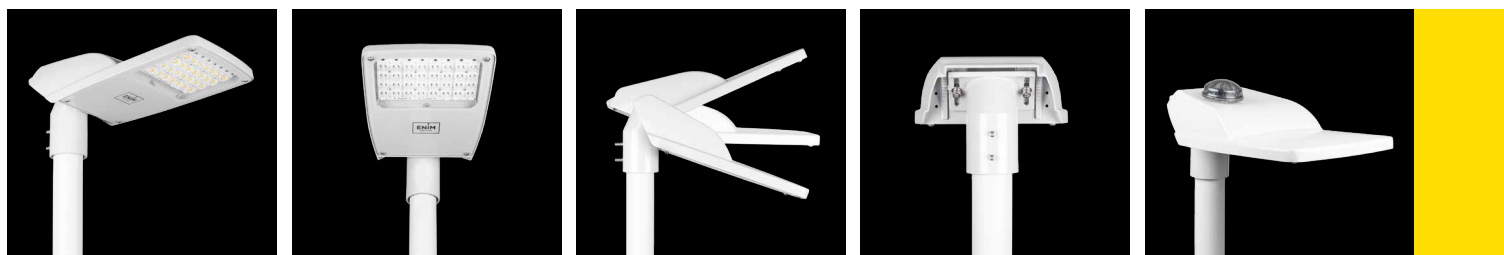
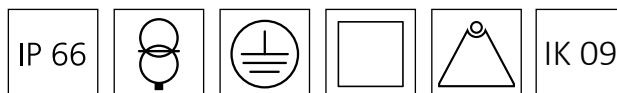
APPLICATIONS

MPL is the perfect lighting solution for diverse outdoor environments, including streets, highways, parking lots, railway platforms, pedestrian zones, parks and bike paths.

BENEFITS

- **Reliable producer:** Designed, developed and manufactured by ENIM, a trusted EU producer.
- **Certified Quality:** ENEC, ENEC+, RoHS, EPD certifications ensuring compliance with all EU road requirements.
- **Superior Efficiency:** Advanced technology with high-efficiency LEDs for maximum performance.
- **Versatile Power Options:** Ranges from 10 W to 120 W, tailored to fit any lighting project.
- **Adaptable Optics:** A wide range of optics ensures precise lighting for diverse applications.
- **Engineered for Longevity:** Built to last 100,000 hours (L95 B10).
- **Corrosion Resistance:** Corrosion resistance class C4, ensuring durability in harsh environments.
- **SMART savings:** time dimming profiles DDF's for even more energy reduction.
- **Easier installation:** Available with an extended cable option.
- **Sustainability:** EPD certificate ensures low carbon emissions and eco-friendly materials.





TECHNICAL INFORMATION:

ELECTRICAL	V	Input voltage	180-264VAC
	Hz	Rated voltage	50-60
	W	Luminaire wattage	10 to 120
	Cosφ	Power factor	≥ 0.95 @100% load
OPTICAL	Lm	Luminous flux	1339-17760
	Lm/W	Luminous efficacy	Up to 170
	K	Color temperature	2700/3000/4000 and 5700 for pedestrian crossing
	C°	Performance temperature	-40°C ≤ Ta ≤ +50 °C 10-100 W -40 °C ≤ Ta ≤ +40 °C 110-120 W
	CRI	Color rendering index	≥70

Number of LED's	8			16			24				
Power	10W	20W	20W	30W	40W	50W	30W	40W	50W	60W	70W
Luminous Flux, Lm	1340-1630	2420-2920	2640-3220	4140-4920	5320-6360	6350-7700	4200-4980	5560-6560	6750-8050	7860-9420	8890-10780
Efficacy, Lm/W	134-163	121-146	132-161	138-164	133-159	127-154	140-166	139-164	135-161	131-157	127-154

Number of LED's	32									
Power	30W	40W	50W	60W	70W	80W	90W	100W	110W	120W
Luminous Flux, Lm	4230-5100	5600-6720	6850-8300	8100-9840	9310-11340	10480-12720	11610-13950	12600-15400	13310-16500	14280-17760
Efficacy, Lm/W	141-170	140-168	137-166	135-164	133-162	131-159	129-155	126-154	121-150	119-148

HOUSING	Size	422 mm x 260 mm x 100 mm
	Weight	Max 5 kg
	Body material	Heat sink: cast aluminium, painted
	Protection against fogging	The luminaire design incorporates a pressure-equalizing moisture/dust filter that prevents moisture condensation in the luminaire housing
	Installation	Adjustable bracket: angle -20° to +20°/25°, Ø 60-76 mm, Ø 42-60 mm

COLOUR		
	RAL 7035	RAL 7015

DRIVER	Interfaces	One4all (DALI, DALI2, DT6, DSI, switchDIM, corridorFunction), NFC connection, Ready2mains (configuration and dimming via the mains), U6Me2 programming protocol, Chronostep – automatic luminaire dimming, Power-on level
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OPTIONAL	Sockets for various smart control sensors. D4I ZHAGA TOP-BOTTOM / D4I ZHAGA BOTTOM / D4I ZHAGA TOP / NEMA TOP
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REMARKS	Recommended mounting height 6-12 m
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SPL-G



DESCRIPTION

The SPL-G outdoor lighting fixture stands out for its versatility and suitability for various locations, especially small streets in residential areas. Designed to meet all EU road standards, it features adjustable power (10W–50W), adaptable optics and high-efficiency LEDs for precise, energy-saving illumination. With a 100,000-hour lifespan, corrosion-resistant housing and an EPD certification, it ensures long-term durability and sustainability at an excellent wholesale off-the-shelf price.

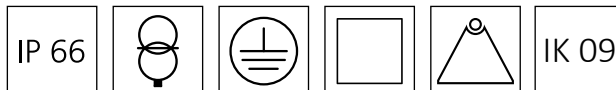
APPLICATIONS

The SPL-G is a versatile outdoor lighting solution ideal for small residential streets and various applications. It could be successfully used in: streets, highway roads, parking lots, railway platforms, pedestrian areas, parks and bike paths, as well as urban infrastructure or recreational spaces.

BENEFITS

- **Reliable Quality:** Designed and manufactured by ENIM, a trusted EU producer, meeting all EU road requirements and certifications.
- **Universal Application:** A highly versatile lighting fixture with a minimalist design, making it the perfect “off-the-shelf” solution for a wide range of projects.
- **Excellent Price-to-Quality Ratio:** Offers an affordable solution, ensuring top performance and durability without excessive costs.
- **Superior Efficiency:** Advanced technology with high-efficiency LEDs for maximum performance.
- **Flexible Power Options:** Ranges from 10W to 50W, tailored for various lighting applications.
- **Adaptable Optics:** Wide range of optic types ensures precise lighting for diverse applications.
- **Enhanced Light Quality & Flexibility:** Color temperature options of 2700K, 3000K and 4000K guarantee excellent color accuracy and adaptable lighting.
- **Engineered for Longevity:** Built to last 100,000 hours (L95 B10), with corrosion-resistant aluminum housing.
- **Sustainability & Environmental Transparency:** EPD certificate ensures low carbon emissions and eco-friendly materials.





TECHNICAL INFORMATION:

ELECTRICAL	V	Input voltage	220-240
	Hz	Rated voltage	50-60
	W	Luminaire wattage	10 to 50
	Cosφ	Power factor	≥ 0.95
OPTICAL	Lm	Luminous flux	1386-7300
	Lm/W	Luminous efficacy	Up to 166
	K	Color temperature	2700/3000/4000/5000
	C°	Performance temperature	-40 °C ≤ Ta ≤ +50 °C 10-40 W -40 °C ≤ Ta ≤ +45 °C 45-50 W
	CRI	Color rendering index	≥70

Number of LED's	8		16				
Power	10 W	20 W	10 W	20 W	30 W	40 W	50 W
Luminous Flux, Lm	1390-1660	2580-3080	1400-1710	2720-3320	3990-4830	5040-6160	6050-7300
Efficacy, Lm/W	139-166	129-154	140-171	136-166	133-161	126-154	121-146

HOUSING	Size	341 mm x 145 mm x 88 mm
	Weight	Max 3,2 kg
	Body material	Heat sink: cast aluminium, painted
	Installation	Adjustable bracket: angle -5° +15°, Ø 42-60 mm, (60-76 mm optional)

COLOUR			
	RAL 7035	RAL 7015	RAL 9004

DRIVER	Interfaces	One4all (DALI, DALI2, DT6, DSI, switchDIM, corridorFunction), NFC connection, Ready2mains (configuration and dimming via the mains), U6Me2 programming protocol, Chronostep – automatic luminaire dimming, Power-on level

REMARKS	Recommended mounting height max 10 m
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EFL FAMILY



EFL-M



EFL-B

DESCRIPTION

The EFL floodlights family offer premium quality, exceptional up to 165 lm/W efficiency and a 60-320 W power range. Designed for durability, they feature C5 corrosion resistance and a robust aluminum housing, ensuring reliable performance in harsh conditions. With a 100,000-hour lifespan and EPD certification, EFL floodlights provide a sustainable, low-maintenance lighting solution for large-scale outdoor and industrial applications.

APPLICATIONS

The EFL floodlights excel in providing powerful and reliable illumination in airports, seaports, parking lots, playgrounds, stadiums, tunnels and underground passages, large warehouses and industrial areas.

BENEFITS

- **Reliable producer:** Designed, developed and manufactured by ENIM, a trusted EU producer.
- **Certified Quality:** CE, CB, RoHS and EPD certifications ensure compliance with all EU quality standards for floodlights.
- **Exceptional Efficiency:** Delivers powerful performance with a 60-320 W power range and an impressive efficiency of up to 165 lm/W.
- **Adaptable Optics:** Choose from 30°, 60°, 90° or asymmetric optics for precise and efficient lighting.
- **Corrosion Resistance:** C5 corrosion resistance class, ensuring durability in harsh environments.
- **Impressive Stability Ratings:** The IP66 rating provides complete protection against dust and powerful water jets, while the IK09 rating guarantees impact resistance up to 10 joules.
- **Durable materials:** A low-profile, powder-coated cast aluminum housing, tempered glass optical cover with stainless steel holders.
- **Engineered for Longevity:** Designed to last 100,000 hours (L95 B10).
- **Easy Installation:** The product is completely ready for installation.
- **Sustainability:** EPD certification ensures low carbon emissions and eco-friendly materials.



EFL-M



TECHNICAL INFORMATION:

ELECTRICAL	V	Input voltage	198V- 264VAC, 176V – 280 VDC 90V-305VAC, 127V - 300 VDC
	Hz	Rated voltage	50-60
	W	Luminaire wattage	60-200
	cosφ	Power factor	≥ 0.95
OPTICAL	Lm	Luminous flux	8607-27800
	Lm/W	Luminous efficacy	Up to 165
	K	Color temperature	3000/4000/5000
	°C	Performance temperature	- 40 °C ≤ Ta ≤ + 50 °C
	CRI	Color rendering index	≥70

Number of LED's	3X12				4X12				5X12							
Power	60 W	70 W	80 W	90 W	100 W	110 W	120 W	130 W	140 W	150 W	160 W	170 W	180 W	190 W	200 W	
Luminous Flux, Lm	8580-9900	9870-11340	11040-12720	12150-14040	13600-15900	14740-17270	15720-18480	16770-19630	18900-21840	19800-23250	20640-24320	21760-25500	22500-26460	23370-27360	23800-27800	
Efficacy, Lm/W	143-165	141-162	138-159	135-156	136-159	134-157	131-154	129-151	135-156	132-155	129-152	128-150	125-147	123-144	119-139	

HOUSING	Size	319 mm x 339 mm x 78.5 mm
	Weight	Max 6,8 kg
	Body material	Heat sink: Cast aluminum, painted
	Protection	IK09
	Installation	Adjustable bracket: angle -90° + 90°

COLOUR		
	RAL 7035	RAL 7015

DRIVER	Interfaces	One4all (DALI, DALI2, DT6, DSI, switchDIM, corridorFunction), NFC connection, Ready2mains (configuration and dimming via the mains), U6Me2 programming protocol, Chronostep – automatic luminaire dimming, Power-on level
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REMARKS	Recommended mounting height Up to 10 m
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EFL-B



TECHNICAL INFORMATION:

ELECTRICAL	V	Input voltage	198V- 264VAC, 176V - 280 VDC 90V-305VAC, 127V - 300 VDC
	Hz	Rated voltage	50-60
	W	Luminaire wattage	210-320
	cosφ	Power factor	≥ 0.95
OPTICAL	Lm	Luminous flux	26933-46720
	Lm/W	Luminous efficacy	Up to 158
	K	Color temperature	3000/4000/5000
	°C	Performance temperature	- 40 °C ≤ Ta ≤ + 50 °C
	CRI	Color rendering index	≥70

Number of LED's	4X18		5X12		6X12								
Power	210 W	220 W	220 W	230 W	240 W	250 W	260 W	270 W	280 W	290 W	300 W	310 W	320 W
Luminous Flux, Lm	26880-31290	28160-32120	30140-32560	31740-34040	32640-35280	34000-36500	21280-37700	36180-38880	36960-40040	38280-41180	39300-42300	40300-43400	41600-43840
Efficacy, Lm/W	128-149	128-146	137-148	138-148	136-147	136-146	133-145	134-144	132-143	132-142	131-141	130-140	130-137

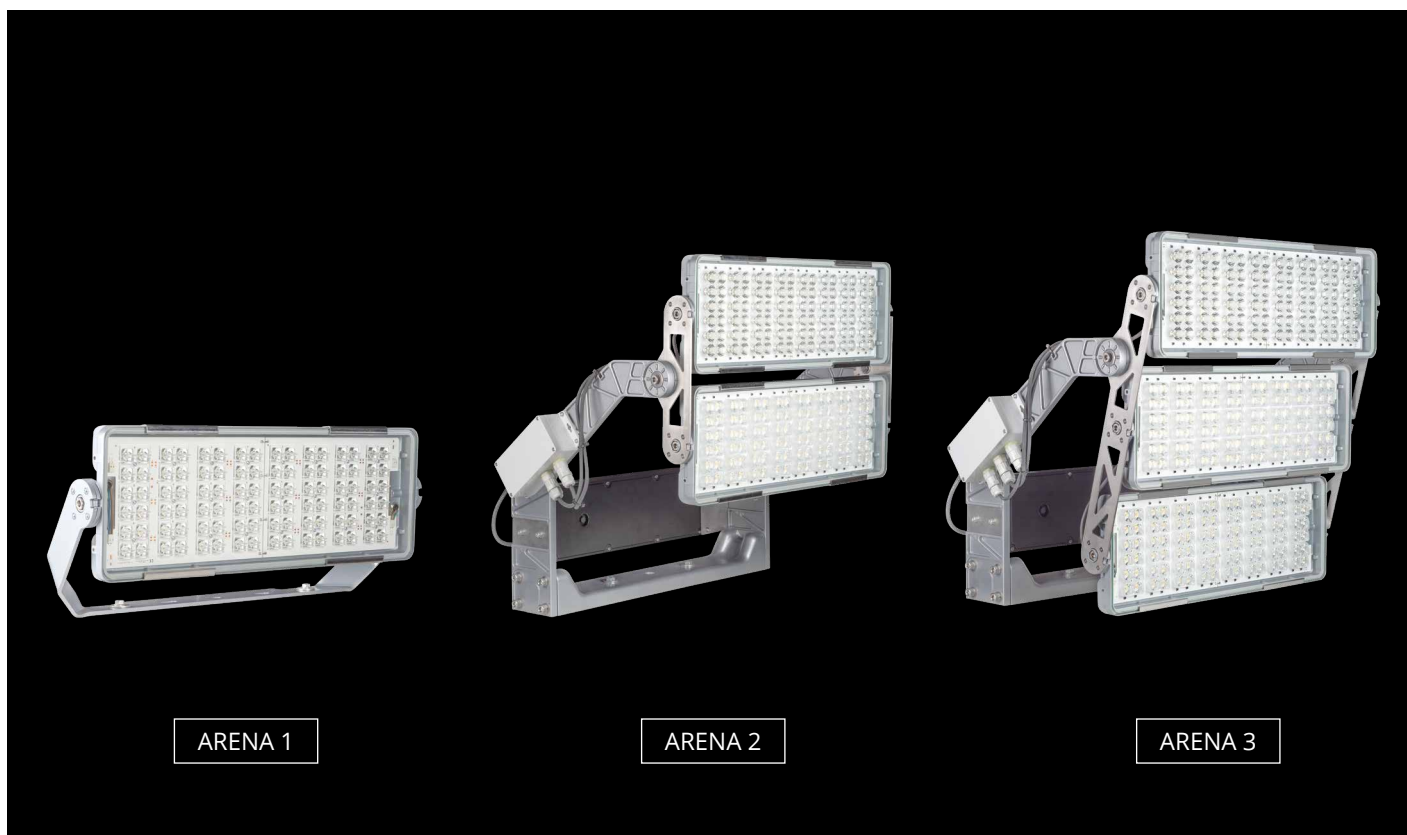
Number of LED's	6X18									
Power	230 W	240 W	250 W	260 W	270 W	280 W	290 W	300 W	310 W	320 W
Luminous Flux, Lm	31510-36340	32640-37440	34000-38500	34840-40040	35640-41040	36680-42000	37700-43210	39000-44400	39680-45570	40320-46720
Efficacy, Lm/W	137-158	136-156	136-154	134-154	132-152	131-150	130-149	130-148	128-147	126-146

HOUSING	Size	370 mm x 395 mm x 78.5 mm
	Weight	Max 9,6 kg
	Body material	Heat sink: Cast aluminum, painted
	Protection	IK09
	Installation	Adjustable bracket: angle -90° + 90°

COLOUR		
	RAL 7035	RAL 7015

DRIVER	Interfaces	DALI-2, D4i, Multiple Timers (dimming), 0-10V, PWM
REMARKS	Recommended mounting height	Up to 15 m

ARENA FAMILY



ARENA 1

ARENA 2

ARENA 3

DESCRIPTION

A premium-quality ARENA Family floodlights are designed for large-scale indoor and outdoor applications, offering exceptional luminous efficiency of up to 165 Lm/W. Its advanced optics, durable construction and certified reliability ensure optimal performance. With superior light quality, rugged durability and easy installation, ARENA floodlights are the ideal solution for professional lighting needs.

APPLICATIONS

The ARENA floodlights are designed for use in stadiums, arenas, golf courses and football fields. It is also suitable for large indoor and outdoor areas that require extensive illumination.

BENEFITS

- **Best in Class:** Designed, developed, and manufactured by ENIM, a trusted EU producer.
- **Certified Quality:** CE, CB, ENEC, RoHS, and EPD certifications ensure compliance with all EU quality standards for floodlights.
- **Exceptional Efficiency:** Delivers powerful performance with a 400-1650W power range and an impressive efficiency of up to 165 lm/W.
- **Adaptable Optics:** A wide selection of optics, including the exclusive new-generation LED, provides optimal lighting with minimal glare, ensuring flexibility and superior illumination.
- **Enhanced Light Quality & Flexibility:** Various CRI and CCT options guarantee accurate color representation and customizable lighting.
- **Broadcast-Ready Performance:** Meets the highest standards for sports lighting, ensuring optimal brightness, clarity, and minimal flicker for live TV broadcasts.
- **Highest Corrosion Resistance Class:** C5-M ("Marine") corrosion resistance class provides the highest protection against extreme environments, including marine conditions, ensuring durability in high humidity and salt-exposed areas.
- **Impressive Stability Ratings:** The IP66 rating provides complete protection against dust and powerful water jets, while the IK09 rating guarantees impact resistance up to 10 joules.
- **Rugged Design:** A low-profile, powder-coated cast aluminum housing with a durable acrylic lens enhances weather resistance.
- **Engineered for Longevity:** Designed to last 100,000 hours (L95 B10).
- **Easy Installation:** The product is lightweight and offers multiple installation methods for convenience and versatility.
- **Sustainability:** EPD certification ensures low carbon emissions and eco-friendly materials.




ARENA 1

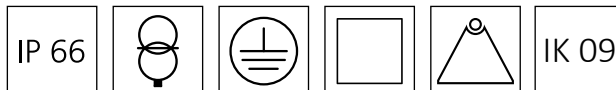


TECHNICAL INFORMATION:

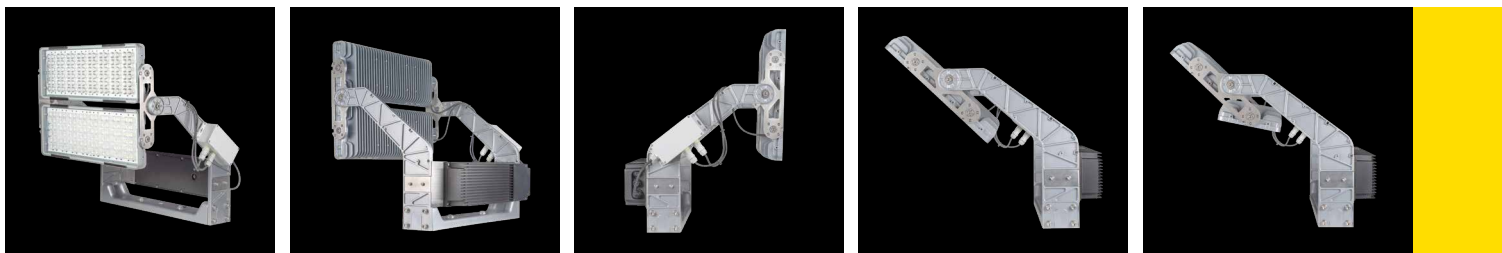
ELECTRICAL	V	Input voltage	198- 528 (VAC)
	Hz	Rated voltage	50-60
	W	Luminaire wattage	400-550
	cosφ	Power factor	≥ 0.95
OPTICAL	Lm	Luminous flux	42800-81885
	Lm/W	Luminous efficacy	Up to 165
	K	Color temperature	4000/5000/5700/6500
	C°	Performance temperature	- 40 °C ≤ Ta ≤ + 40 °C
	CRI	Color rendering index	70, 80, 90

Power	400-550 W
Luminous Flux, Lm	42812-81885
Efficacy, Lm/W	107-164

HOUSING	Size	615 mm x 261 mm x 183 mm
	Weight	Without driver - 10,6 kg, driver weight including fixing parts - 3,8 kg
	Body material	Heat sink: Cast aluminum, painted
	Protection	IK09
	Installation	Adjustable bracket: angle -90° + 90°
COLOUR	 RAL 7040	
DRIVER	Interfaces	DALI-2; DMX-RDM
REMARKS	Recommended mounting height	Up to 45 m




ARENA 2



TECHNICAL INFORMATION:

ELECTRICAL	V	Input voltage	198-440 (VAC)
	Hz	Rated voltage	50-60
	W	Luminaire wattage	800-1100
	cosφ	Power factor	≥ 0.95
OPTICAL	Lm	Luminous flux	85624-163770
	Lm/W	Luminous efficacy	Up to 165
	K	Color temperature	4000/5000/5700/6500
	°C	Performance temperature	- 40 °C ≤ Ta ≤ + 40 °C
	CRI	Color rendering index	70, 80, 90

Power	800-1100 W
Luminous Flux, Lm	85624-163770
Efficacy, Lm/W	105-165

HOUSING	Size	645 mm X 475 mm X 400 mm
	Weight	Without driver - 23,8 kg, driver weight including fixing parts - 6,9 kg
	Body material	Heat sink: Cast aluminum, painted
	Protection	IK09
	Installation	Adjustable bracket: angle -90° + 90°
COLOUR	 RAL 7040	
DRIVER	Interfaces	DALI-2; DMX-RDM
REMARKS	Recommended mounting height	Up to 45 m


ARENA 3

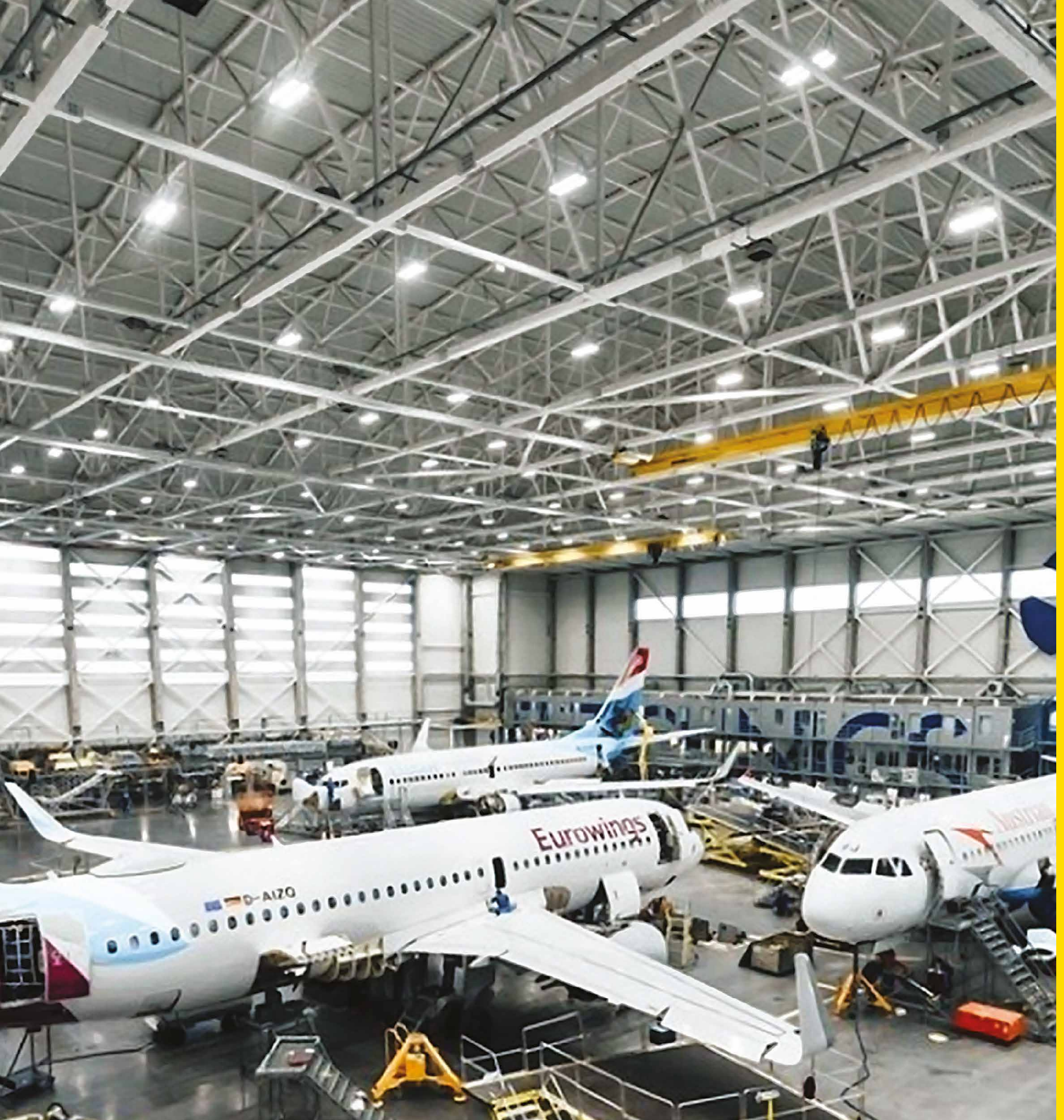


TECHNICAL INFORMATION:

ELECTRICAL	V	Input voltage	198-440 (VAC)
	Hz	Rated voltage	50-60
	W	Luminaire wattage	1200-1650
	cosφ	Power factor	≥ 0.95
OPTICAL	Lm	Luminous flux	128436-245655
	Lm/W	Luminous efficacy	Up to 165
	K	Color temperature	4000/5000/5700/6500
	C°	Performance temperature	- 40 °C ≤ Ta ≤ + 40 °C
	CRI	Color rendering index	70, 80, 90

Power	1200-1650 W
Luminous Flux, Lm	128436-245655
Efficacy, Lm/W	105-165

HOUSING	Size	652 mm X 664 mm X 449 mm
	Weight	Without driver - 32,4 kg, driver weight including fixing parts - 6,9 kg
	Body material	Heat sink: Cast aluminum, painted
	Protection	IK09
	Installation	Adjustable bracket: angle -90° + 90°
COLOUR	 RAL 7040	
DRIVER	Interfaces	DALI-2; DMX-RDM
REMARKS	Recommended mounting height	Up to 45 m



INDUSTRIAL LIGHTING

FOCUS 1



DESCRIPTION

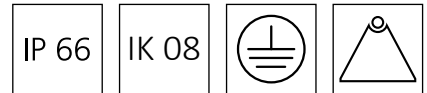
FOCUS 1 industrial linear luminaire delivers superior illumination for large-scale spaces with ceiling heights of up to 15 meters. Designed for energy efficiency and precision, it features DALI control and boasts an IP66 rating, ensuring durability in demanding environments. With an operating temperature range of -20°C to +50°C, it is built for reliable performance in various conditions. Available in power options from 80W to 150W and multiple length configurations, FOCUS 1 adapts to diverse lighting needs. It supports both pendant and ceiling mounting.

APPLICATIONS

FOCUS 1 is ideal for high-bay environments such as warehouses, factories, bus stations, airports, parking lots, car washes, gymnasiums, sports venues and cold storage facilities.

BENEFITS

- **Reliable producer:** Designed, developed and manufactured by ENIM, a trusted EU producer
- **Exceptional Efficiency:** High-performance LEDs deliver up to 162 lm/W, ensuring maximum brightness with minimal energy consumption.
- **Versatile Power Options:** Available in 80 W to 150 W configurations, adaptable to various lighting needs.
- **Adaptable Optics:** Different optical options provide tailored illumination for diverse applications.
- **Intelligent Control:** DALI compatibility and motion sensors enhance energy savings and user convenience.
- **Engineered for Longevity:** Heat sink: aluminum extrusion, coated Mounting bracket: steel ensure durability, with a lifespan of up to 100,000 hours (L90 B10).
- **Rugged Protection:** IP66-rated for full resistance to dust and powerful water jets.
- **Compact & Convenient:** Simple design for easy integration into various environments.
- **Flexible Installation:** Supports pendant (with optional extended cable) and ceiling mounting.



TECHNICAL INFORMATION:

ELECTRICAL	V	Input voltage	198 ~ 264 VAC / 170 – 280 VDC
	Hz	Rated voltage	50-60
	W	Luminaire wattage	80 to 150
	Cosφ	Power factor	≥ 0,95
OPTICAL	Lm	Luminous flux	12240-24150
	Lm/W	Luminous efficacy	Up to 162
	K	Color temperature	4000
	C°	Performance temperature	- 20°C ≤ Ta ≤ +50°C
	CRI	Color rendering index	≥80

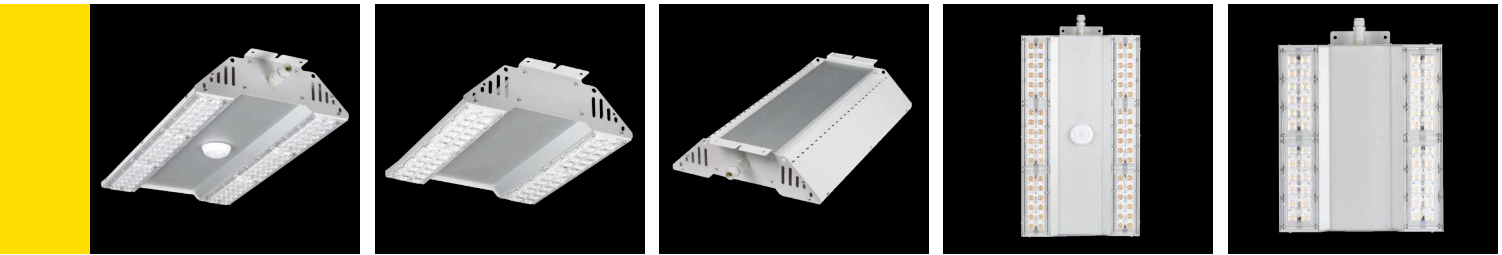
Number of LED's	4X12	5X12	6X12	7X12
Power	80 W	100 W	120 W	150 W
Lumious Flux, Lm	12240-12720	15400-16200	18360-19320	22950-24150
Efficacy, Lm/W	153-159	154-162	153-161	153-161

HOUSING	Size	710 x 85 x 70 mm (80W); 890 x 85 x 70 mm (100W); 1060 x 85 x 70 mm (120W); 1230 x 85 x 70 mm (150W)	
	Weight	Max 2,7 kg	
	Body material	Heat sink: aluminum extrusion, coated; mounting bracket: steel, ensuring durability	
	Protection	IP66	
	Installation	Ceiling mounting	Pendant (optional)

COLOUR	 RAL 7035 (40)
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DRIVER	Interfaces	PRESET SENSOR, DALI SENSOR, DALI
REMARKS	Recommended mounting height	Up to 15 m

BAT



DESCRIPTION

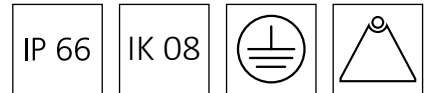
The powerful industrial luminaire BAT delivers exceptional illumination for large - scale areas with high ceilings up to 15 m. Featuring DALI control for energy efficiency and precise lighting, it boasts an IP66 rating and operates between -20°C and +40°C. Available in 120 W to 300 W options, it adapts to various needs. BAT supports both pendant (with optional extended cable) and ceiling mounting for flexible installation

APPLICATIONS

This lighting solution is ideal for high-bay environments such as warehouses, factories, bus stations, airports, parking lots, car washes, gymnasiums, sports venues and cold storage facilities.

BENEFITS

- **Reliable producer:** Designed, developed and manufactured by ENIM, a trusted EU producer.
- **Exceptional Efficiency:** High-performance LEDs deliver up to 158 lm/W, ensuring maximum brightness with minimal energy consumption.
- **Versatile Power Options:** Available in 120 W to 300 W configurations, adaptable to various lighting needs.
- **Adaptable Optics:** Different optical options provide tailored illumination for diverse applications.
- **Intelligent Control:** DALI compatibility and motion sensors enhance energy savings and user convenience.
- **Engineered for Longevity:** An anodized aluminum heat sink and optional painted metal cover ensure durability, with a lifespan of up to 100,000 hours (L90 B10).
- **Rugged Protection:** IP66-rated for full resistance to dust and powerful water jets.
- **Compact & Convenient:** Space-saving design for easy integration into various environments.
- **Flexible Installation:** Supports pendant (with optional extended cable) and ceiling mounting.




TECHNICAL INFORMATION:

ELECTRICAL	V	Input voltage	90-305 VAC
	Hz	Rated voltage	50-60
	W	Luminaire wattage	120 to 300
	Cosφ	Power factor	≥ 0,95
OPTICAL	Lm	Luminous flux	18000-42600
	Lm/W	Luminous efficacy	Up to 158
	K	Color temperature	3000-6500
	C°	Performance temperature	-20°C ≤ Ta ≤ +40°C
	CRI	Color rendering index	≥80

Number of LED's	4X12		6X12		8X12
Power	120 W	160 W	200 W	240 W	300 W
Lumious Flux, Lm	18000-18960	24000-25280	28800-30800	33840-34800	41400-42600
Efficacy, Lm/W	150- 158	150-158	144-154	141-145	138-142

HOUSING	Size	362 x 317 x 101 mm; 535 x 317 x 101 mm; 708 x 317 x 101 mm			
	Weight	Max 7,2 kg			
	Body material	Heat sink: cast aluminium, painted			
	Protection	IP66			
	Installation	Ceiling mounting		Pendant (optional)	

COLOUR	
	RAL 7035 (40)

DRIVER	Interfaces	DALI, switchDIM, corridor FUNCTION
REMARKS	Recommended mounting height	Up to 15 m

INDUS FAMILY



DESCRIPTION

Industrial low-bay luminaire family INDUS designed for energy-efficient and precise lighting. With DALI control, an IP66 protection rating and operation in temperatures ranging from -20°C to +50°C, it delivers durability and performance in demanding environments. Available in a range of 34 W to 90 W, INDUS easily adapts to different lighting requirements and offers flexible installation options, both pendant (with optional extended cable) and ceiling/wall mounting.

APPLICATIONS

INDUS luminaires are used across various industrial and commercial environments, including warehouses, terminals, industrial refrigerators, shops, food and medical facilities, furniture manufacturing, car-care centers and parking areas.

BENEFITS

- **Reliable producer:** Designed, developed and manufactured by ENIM, a trusted EU producer.
- **Exceptional Efficiency:** High-performance LEDs deliver up to 166 lm/W, ensuring maximum brightness with minimal energy consumption.
- **Versatile Power Options:** Available in 34 W to 90 W configurations, adaptable to various lighting needs.
- **Intelligent Control:** DALI compatibility and motion sensors enhance energy savings and user convenience.
- **Casambi possibility:** Available as an option with Casambi-ready drivers (INDUS)
- **Engineered for Longevity:** An anodized aluminum heat sink and optional painted metal cover ensure durability, with a lifespan of up to 100,000 hours (L90 B10).
- **Cover:** PMMA prismatic cover, white PMMA cover (optional)
- **Rugged Protection:** IP66-rated for full resistance to dust and powerful water jets.
- **Compact & Convenient:** Simple design for easy integration into various environments.
- **Flexible Installation:** Supports pendant (with optional extended cable) and ceiling/wall mounting.

INDUS



IP 66

IK 08



TECHNICAL INFORMATION:

ELECTRICAL	V	Input voltage	220-240
	Hz	Rated voltage	50-60
	W	Luminaire wattage	39 to 90
	cosφ	Power factor	≥ 0,95
OPTICAL	Lm	Luminous flux	6113-14953
	Lm/W	Luminous efficacy	Up to 166
	K	Color temperature	2700-6500
	C°	Performance temperature	-20°C ≤ Ta ≤ +50°C
	CRI	Color rendering index	≥80

HOUSING	Size	571 X 69 X 75 mm; 852 X 69 X 75 mm; 1133 X 69 X 75 mm; 1414 X 69 X 75 mm
	Weight	Max 2,3 kg
	Body material	Heat sink: aluminium extrusion, anodized Mounting bracket: steel
	Protection	IP66
COLOUR		ALU
		Additional: RAL 9005 or any RAL
DRIVER	Input voltage	220-240 V
	Functions	Overload protection, Short-circuit protection, No-load protection
	Interfaces (control)	ON-OFF; DALI; Corridor FUNCTION; SwitchDIM; 1-10V
REMARKS	Recommended mounting height	2,5-8 m

INDUS 2



IP 66

IK 08



TECHNICAL INFORMATION:

ELECTRICAL	V	Input voltage	220-240
	Hz	Rated voltage	50-60
	W	Luminaire wattage	34 to 77
	cosφ	Power factor	≥ 0,95
OPTICAL	Lm	Luminous flux	4986-11550
	Lm/W	Luminous efficacy	Up to 155
	K	Color temperature	2700-6500
	C°	Performance temperature	-20°C ≤ Ta ≤ +50°C
	CRI	Color rendering index	≥80

HOUSING	Size	620 x 67 x 58 mm 920 x 67 x 58 mm 1220 x 67 x 58 mm 1520 x 67 x 58 mm
	Weight	Max 2,3 kg
	Body material	Heat sink: aluminum extrusion, anodized mounting bracket: aluminium
	Protection	IP66
COLOUR		ALU
		Additional: RAL 9005 or any RAL
DRIVER	Input voltage	220-240 V
	Functions	Overload protection, Short-circuit protection, No-load protection
	Interfaces (control)	DALI DSI switchDIM (with memory function) corridorFUNCTION
REMARKS	Recommended mounting height	2,5-8 m



S-LINE



DESCRIPTION

S-LINE is a linear low-bay LED lighting system designed for industrial and commercial applications. It offers low-glare, 30°, 60°, 90° and asymmetric optics, power options from 40-80 W, DALI control and an IP20 protection rating. With tool-free, flexible mounting and the ability to be used in a continuous line or as an independent luminaire, S-LINE adapts easily to various installation needs. Built for efficiency and durability, it is an ideal solution for both new projects and lighting upgrades.

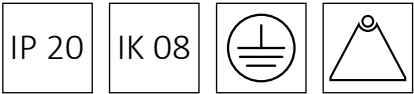
APPLICATIONS

The S-LINE lighting system is ideal for offices, shopping centers and warehouses. It is especially well-suited for illuminating stored goods on shelves and high industrial spaces, including aisles between shelving.

BENEFITS

- **Reliable producer:** Designed, developed and manufactured by ENIM, a trusted EU producer.
- **Exceptional Efficiency:** High-performance LEDs deliver up to 163 lm/W, ensuring maximum brightness with minimal energy consumption.
- **Versatile Power Options:** Available in 40 and 80 W configurations, adaptable to various lighting needs.
- **Custom lighting:** Adaptable optics offer low-glare, 30°, 60°, 90° and asymmetric options for tailored illumination.
- **Intelligent Control:** DALI compatibility enhances energy savings and user convenience.
- **Engineered for Longevity:** An anodized aluminum body, with a lifespan of up to 100,000 hours (L90 B10).
- **Simple & Convenient:** Simple design for easy integration into various environments. Designed to be used in a continuous line - up to 170 m or as an independent luminaire.
- **Tool-free and flexible mounting:** "Click in" installation requires no special tools and supports both pendant mounting (with optional extended cable) and ceiling installation for versatile setup.

TECHNICAL INFORMATION:



ELECTRICAL	V	Input voltage	230
	Hz	Rated voltage	50-60
	W	Luminaire wattage	40-80
	Cosφ	Power factor	≥ 0,95
OPTICAL	Lm	Luminous flux	5880-12519
	Lm/W	Luminous efficacy	Up to 163
	K	Color temperature	3000/4000/5000
	C°	Performance temperature	-20°C ≤ Ta ≤ +35°C
	CRI	Color rendering index	≥80
REMARKS	Recommended mounting height Up to 12 m		



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ENIM lighting is a technology-driven LED lighting company, since 2009 year specializing in research, development and production of high-quality luminaires for Outdoor and Indoor applications.

We stand for advanced engineering, practical design and full in-house assembly in the EU, ensuring superior quality and reliability.

With a wide range of products – from Street and Industrial lighting to Custom-Made solutions – ENIM continues to grow, offering smart, efficient and sustainable lighting systems tailored to meet unique project needs.



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