

HYDRA Fix-S Waterproof Luminaire

odak®
R&D CENTER
smart city technologies



General Application Areas



Factories

Industrial
Kitchens

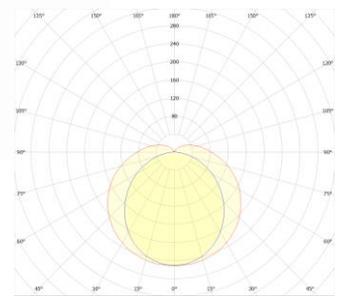
Laundries

Parking
Areas

Outdoor
Lighting

Tunnels

Optical Beam Angles



120°

Hydra-Fix S offers a reliable and flexible lighting solution that is built to last, combining quality, durability, and functionality.

The Hydra-Fix S is distinguished by its innovative design, which facilitates opening and maintenance on-site. This feature enables input-output connection between luminaires, allowing for swift and efficient maintenance operations without unnecessary delays. The 4X2.5mm cable connection allows for long liner connections, enabling the emergency line to be taken from the beginning to the end of the liner. The M20 cable reconstructor ensures that cable connections remain unaffected by vibration and shock while maintaining tightness and IP65 protection. The product is both robust and straightforward to install, which is crucial for maintaining business continuity.

Hydra-Fix S offers a significant reduction in energy consumption compared to conventional fluorescent luminaires, with savings of at least 50%. The payback period is less than two years, making it an attractive investment for businesses.

The Hydra Fix S lighting fixture offers a sustainable solution to users by providing long life and low energy consumption with modern LED technology. Compatible with automation, the fixture has 1-10V and DALI options, as well as corridor function and 3-hour emergency kit support, available upon request.

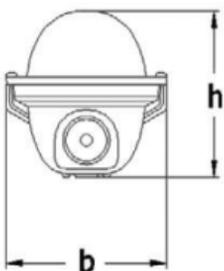
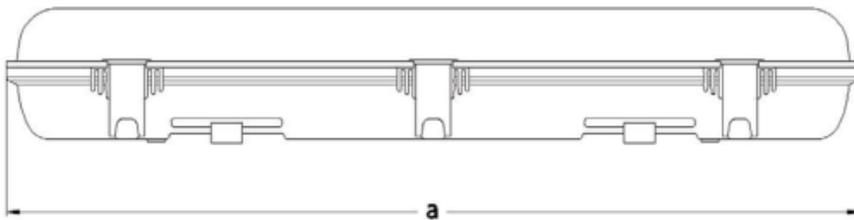
Technical Specifications

Power	:34 W ± %3
Input Voltage	:200-240 V AC 50/60 HZ
Power Factor	:>0,95
Effectiveness Factor	:120+lm/W
Luminous Flux	:4000lm
Light Angle	:120°
Color Temperature (CCT)	:3000K-4000K-5000K-6500K
Color Rendering Index (CRI)	:80+
IP Protection Class	:IP 65
Dimensions	:1280X95X102
Weight	:2,2 kg
Test Standards	:EN 60598-1, EN 60529, EN 60598-2-1, IEC TR 62778, LM 79-18
Warranty Period	:3/5 Years (Optional)

Optical and Electrical Properties

Body	Polycarbonate Injection	CE Marking	Yes
Color Options	Gray RAL 7016	RoHS Compliance	Yes
Light Source	LED	Lifetime	≥60,000 Hours
Impact Resistance	IK 08	Throttling Options	1-10V, DALI
Total Harmonic Distortion	<%20	Operating Temperature	-25°/+55°C

Technical Drawing (Side View) and Connection Diagram



Standard Product Variations

Product Code	Power	Input Voltage	CCT	Luminous Flux	Effectiveness Factor	Light angle	Dimensions	Weight
HFS-034SM-01201-830-0000	34 W	200-240 V AC 50/60 HZ	3000K	3468 lm	102 lm/W	120°	1280X95X102	2,2
HFS-039SM-01201-830-0000	39 W	200-240 V AC 50/60 HZ	3000K	3978 lm	102 lm/W	120°	1280X95X102	2,2
HFS-066SM-01201-830-0000	66 W	200-240 V AC 50/60 HZ	3000K	6732 lm	102 lm/W	120°	1280X95X102	2,2
HFS-080SM-01201-830-0000	80 W	200-240 V AC 50/60 HZ	3000K	8160 lm	102 lm/W	120°	1280X95X102	2,2
HFS-034SM-01201-840-0000	34 W	200-240 V AC 50/60 HZ	4000K	3740 lm	110 lm/W	120°	1280X95X102	2,2
HFS-039SM-01201-840-0000	39 W	200-240 V AC 50/60 HZ	4000K	4290 lm	110 lm/W	120°	1280X95X102	2,2
HFS-066SM-01201-840-0000	66 W	200-240 V AC 50/60 HZ	4000K	7260 lm	110 lm/W	120°	1280X95X102	2,2
HFS-080SM-01201-840-0000	80 W	200-240 V AC 50/60 HZ	4000K	8800 lm	110 lm/W	120°	1280X95X102	2,2
HFS-034SM-01201-850-0000	34 W	200-240 V AC 50/60 HZ	5000K	4000 lm	120 lm/W	120°	1280X95X102	2,2
HFS-039SM-01201-850-0000	39 W	200-240 V AC 50/60 HZ	5000K	4680 lm	120 lm/W	120°	1280X95X102	2,2
HFS-066SM-01201-850-0000	66 W	200-240 V AC 50/60 HZ	5000K	8200 lm	120 lm/W	120°	1280X95X102	2,2
HFS-080SM-01201-850-0000	80 W	200-240 V AC 50/60 HZ	5000K	9600 lm	120 lm/W	120°	1280X95X102	2,2
HFS-034SM-01201-865-0000	34 W	200-240 V AC 50/60 HZ	6500K	4000 lm	120 lm/W	120°	1280X95X102	2,2
HFS-039SM-01201-865-0000	39 W	200-240 V AC 50/60 HZ	6500K	4680 lm	120 lm/W	120°	1280X95X102	2,2
HFS-066SM-01201-865-0000	66 W	200-240 V AC 50/60 HZ	6500K	8200 lm	120 lm/W	120°	1280X95X102	2,2
HFS-080SM-01201-865-0000	80 W	200-240 V AC 50/60 HZ	6500K	9600 lm	120 lm/W	120°	1280X95X102	2,2

Product Variations with Emergency Kit

Product Code	Power	Input Voltage	CCT	Luminous Flux	Effectiveness Factor	Light angle	Dimensions	Weight
HFS-034SM-01201-830-02E3	34 W	200-240 V AC 50/60 HZ	3000K	3468 lm	102 lm/W	120°	1280X95X102	2,2
HFS-039SM-01201-830-02E3	39 W	200-240 V AC 50/60 HZ	3000K	3978 lm	102 lm/W	120°	1280X95X102	2,2
HFS-066SM-01201-830-02E3	66 W	200-240 V AC 50/60 HZ	3000K	6732 lm	102 lm/W	120°	1280X95X102	2,2
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HFS-039SM-01201-840-02E3	39 W	200-240 V AC 50/60 HZ	4000K	4290 lm	110 lm/W	120°	1280X95X102	2,2
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HFS-039SM-01201-850-02E3	39 W	200-240 V AC 50/60 HZ	5000K	4680 lm	120 lm/W	120°	1280X95X102	2,2
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HFS-080SM-01201-865-02E3	80 W	200-240 V AC 50/60 HZ	6500K	9600 lm	120 lm/W	120°	1280X95X102	2,2