

ENEC+ LICENSE

License No. ENEC-03995-PLUS-M1-UL

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License Holder FAEL S.P.A.
VIA EURIPIDE 12/14 AGRATE BRIANZA, MB, 20864
ITALY

Production site FAEL S.P.A.
VIA EURIPIDE 12/14 AGRATE BRIANZA, MB, 20864
ITALY

ENEC License No. (safety) ENEC License Number (Safety):
ENEC-03995-M1
Issued by ENEC Member Body:
15, UL International Demko A/S, Borupvang 5A, DK-2750 Ballerup, Denmark

Certification Mark See Annex 1

Certified Product Floodlight with LED as light source

Model LEDMASTER-ONE E.D. SYM 80LED 4x4mmq 1150W L-L B
See page 2 for additional Information

Trademark



Ratings 400 V~ 50/60 Hz 1150 W ta -40/+55°C Class I IK09 IP 66
See pages 2-6 for additional Information

**Complying with the following
EPRS standard for
performance** PD EPRS 002:2018-05 (based on EN 62722-1:2016),
PD EPRS 003:2018-05 (based on EN 62722-2-1:2016)

EPRS Test Report No. 4790587496.3-1 issued on 2023-04-20
4790587496.3-2 issued on 2023-04-20

Additional Information The report was revised to include technical modifications
See page 7 for additional information

Certification Manager
Jan-Erik Storgaard

Certification Body

This is to certify that representative sample(s) of the Product described herein ("Certified Product") have been investigated and found in compliance with the Standard(s) indicated on this License, in accordance with the ENEC+ Requirements. The Designated License holder is entitled to use the ENEC+ 15 Mark (as shown in annex 1) for the Certified Product manufactured at the production site(s) identified above in accordance with the ENEC Mark Service Agreement including without limitation the ENEC Mark Testing and Certification Services Service Terms. Only those Products bearing a valid ENEC Mark and the ENEC+ Mark should be considered as being covered by UL's ENEC+ Mark Service. This License shall remain valid unless terminated earlier in accordance with the Service Agreement including without limitation if the Standard identified on this License is amended or withdrawn prior the Date of Withdrawal of conflicting Standard(s).

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Additional Model(s):

Variants:

Main model:

LEDMASTER-ONE E.D. SYM 80LED 4x4mmq 1150W L-L B	400 V~ 50/60 Hz 1150 W t_a -40/+55 °C Class I IK09 IP66
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Extend to the models:

LEDMASTER-ONE w y x nLED t pW z v s (See explanation code below)	Common ratings: Class I IK09 IP66 t_a -40/+55 °C See other related ratings on tables below
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LEDMASTER-ONE w y x nLED t pW z v s

Where:

Character in bold are fix values and:

- w = Model type (may be "blank" for 4mmq and 4x4mmq led type's designation: "JUST" for COB led type's designation: "AIR" for MD led type's designation).
Where COB means LED Samsung LC060, and MD means LED Lumiled Luxeon 5050.
- y = Mechanical version (may be I.D. or E.D.) where I.D. refers to internal Controlgear and E.D. refers to external Controlgears.
- x = Optical angle beam (may be SYM or ASY) combined as in table below).
- n = Number of LEDs (may be a value between "15" to "384" combined as in table below).
- t = LED Type's Designation (may be "4X4mmq", "4mmq", "MD" or "COB", combined as in table below).
- p = Power (may be a value up to "1500" combined as in table below).
- z = Control system (may be DALI, DMX or blank for no control).
- v = Supply voltage (may be L-N or L-L), where L-N refers to 220-240 V and L-L refers to 400 V.
- s = t_a (may be "A" for t_a 35 °C or "B" for t_a 55 °C).

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Ratings for models with angle beam x = SYM and mechanical version y = I.D. s = A			
Rated Voltage of luminaire	Power [W]	Maximum Number of LEDs	LED Type's Designation
400 V~ 50/60 Hz	1120 1150	64 80	4X4mmq
220-240 V~ 50/60 Hz	1120 1150	64 80	
400 V~ 50/60 Hz	1000 1150	216 288	4mmq
220-240 V~ 50/60 Hz	1000 1150	216 288	
400 V~ 50/60 Hz	1150 900	20 15	COB
220-240 V~ 50/60 Hz	1150 900	20 15	
400 V~ 50/60 Hz	1080 928 710	384 320 256	MD
220-240 V~ 50/60 Hz	1080 928 710	384 320 256	

Ratings for models with angle beam x = SYM and mechanical version y = E.D. s = A			
Rated Voltage of luminaire	Power [W]	Maximum Number of LEDs	LED Type's Designation
400 V~ 50/60 Hz	1200 1370 1500	64 80 80	4X4mmq
220-240 V~ 50/60 Hz	1200 1370 1500	64 80 80	
400 V~ 50/60 Hz	1000 1340	216 288	4mmq
220-240 V~ 50/60 Hz	1000 1340	216 288	
400 V~ 50/60 Hz	1200 1408	20 24	COB

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220-240 V~ 50/60 Hz	1200 1408	20 24	
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Ratings for models with angle beam x = ASY and mechanical version y = I.D. s = A			
Rated Voltage of luminaire	Power [W]	Maximum Number of LEDs	LED Type's Designation
400 V~ 50/60 Hz	720 895 1100	64 80 100	4X4mmq
220 - 240 V~ 50/60 Hz	720 895 1100	64 80 100	
400 V~ 50/60 Hz	965 715	20 15	COB
220 - 240 V~ 50/60 Hz	965 715	20 15	
400 V~ 50/60 Hz	1080 928 710	384 320 256	MD
220 - 240 V~ 50/60 Hz	1080 928 710	384 320 256	

Ratings for models with angle beam x = ASY and mechanical version y = E.D. s = A			
Rated Voltage of luminaire	Power [W]	Maximum Number of LEDs	LED Type's Designation
400 V~ 50/60 Hz	1100 895	100 80	4X4mmq
220 - 240 V~ 50/60 Hz	1100 895	100 80	
400 V~ 50/60 Hz	1030	20	COB
220 - 240 V~ 50/60 Hz	1030	20	
400 V~ 50/60 Hz	1110	384	MD
220 - 240 V~ 50/60 Hz	1110	384	

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Ratings for models with angle beam $x = \text{SYM}$ and mechanical version $y = \text{I.D.}$ $s = B$			
Rated Voltage of luminaire	Power [W]	Maximum Number of LEDs	LED Type's Designation
400 V~ 50/60 Hz	950 750	20 15	COB
220-240 V~ 50/60 Hz	950 750	20 15	
400 V~ 50/60 Hz	670 600 538	384 320 256	MD
220-240 V~ 50/60 Hz	670 600 538	384 320 256	

Ratings for models with angle beam $x = \text{SYM}$ and mechanical version $y = \text{E.D.}$ $s = B$			
Rated Voltage of luminaire	Power [W]	Maximum Number of LEDs	LED Type's Designation
400 V~ 50/60 Hz	930 1040 1150	100 64 80	4X4mmq
220-240 V~ 50/60 Hz	930 1040 1150	100 64 80	
400 V~ 50/60 Hz	860 1150	216 288	4mmq
220-240 V~ 50/60 Hz	860 1150	216 288	
400 V~ 50/60 Hz	940 1152	20 24	COB
220-240 V~ 50/60 Hz	930 1152	20 24	

Ratings for models with angle beam $x = \text{ASY}$ and mechanical version $y = \text{I.D.}$ $s = B$			
Rated Voltage of luminaire	Power [W]	Maximum Number of LEDs	LED Type's Designation
400 V~ 50/60 Hz	615 768 950	64 80 100	4X4mmq

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220 - 240 V~ 50/60 Hz	615 768 950	64 80 100	
400 V~ 50/60 Hz	735 550	20 15	COB
220 - 240 V~ 50/60 Hz	735 550	20 15	
400 V~ 50/60 Hz	670 600 538	384 320 256	MD
220 - 240 V~ 50/60 Hz	670 600 538	384 320 256	

Ratings for models with angle beam $\alpha = \text{ASY}$ and mechanical version $\gamma = \text{E.D.}$ $s = B$			
Rated Voltage of luminaire	Power [W]	Maximum Number of LEDs	LED Type's Designation
400 V~ 50/60 Hz	768	80	4X4mmq
220 - 240 V~ 50/60 Hz	755	80	
400 V~ 50/60 Hz	890	20	COB
220 - 240 V~ 50/60 Hz	890	20	
400 V~ 50/60 Hz	670	384	MD
220 - 240 V~ 50/60 Hz	670	384	

Performance ratings:

Input Voltage	Input Power	Luminous Flux	CCT	CRI	Efficacy
220-240 V~ 400 V~ 50/60 Hz	Max 1500 W	Max 208000 lm	4000 K 5000 K 5700 K	70, 80, 90	Max 157 lm/W
Other information: <ul style="list-style-type: none"> LED Luminaire Type A T_a -40 / + 55° 					

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Additional information:

The original report was modified to include the following changes/additions:

- Addition of new variants
- Update of speaking code

This certificate replaces the certificate ENEC-03995-PLUS-UL issued on 2023-02-24

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Annex 1 to License No. ENEC-03995-PLUS-M1-UL

Annex of the form of the Mark



15 is the identification number of the Certification Body

Size of the mark:

The size of the mark may be reduced on the condition that
it remains legible and that the ratio $b/a=1,7$ is kept

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