


ENEC LICENSE

License No. ENEC-03995-M1

Page 1/8

Date of Issue 2022-11-02

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
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 2-7 for additional Information
Tested acc. to	EN 60598-2-5:2015, EN IEC 60598-1:2021, EN IEC 60598-1:2021/A11:2022, EN 62262:2002, EN 62262:2002/A1:2021
Test Report No.	4790153840.8 issued on 2022-10-03
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 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with the Service Agreement including without limitation if the Standard identified on this License is amended or withdrawn prior the Date of Withdrawal of conflicting Standard(s).

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ENEC LICENSE

License No. ENEC-03995-M1
Page 2/8
Date of Issue 2022-11-02

Additional Model(s):

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 n LED t p W z v s (See explanation code below)	Common ratings: Class I IK09 IP66 t_a -40/+55 °C See other related ratings on tables on CBTR
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Speaking code explanation:

LEDMASTER-ONE w y x n**LED** t p**W** 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 = (may be "A" or "B").

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ENEC LICENSE

License No. ENEC-03995-M1

Page 3/8

Date of Issue 2022-11-02

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	

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ENEC LICENSE

License No. ENEC-03995-M1

Page 4/8

Date of Issue 2022-11-02

Ratings for models with angle beam α = 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
220-240 V~ 50/60 Hz	1200 1408	20 24	

Ratings for models with angle beam α = 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	

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ENEC LICENSE

License No. ENEC-03995-M1

Page 5/8

Date of Issue 2022-11-02

Ratings for models with angle beam α = ASY and mechanical version γ = 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	

Ratings for models with angle beam α = SYM and mechanical version γ = 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	

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ENEC LICENSE

License No. ENEC-03995-M1

Page 6/8

Date of Issue 2022-11-02

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
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	

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ENEC LICENSE

License No. ENEC-03995-M1

Page 7/8

Date of Issue 2022-11-02

Ratings for models with angle beam $\alpha = \text{ASY}$ 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	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	

This certificate replaces the earlier issued ENEC-03995-A1 dated 2022-08-25

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

- Addition of new LED controlgears
- Addition of new LED modules
- Update of EN standard
- Update of speaking code

Certification Body

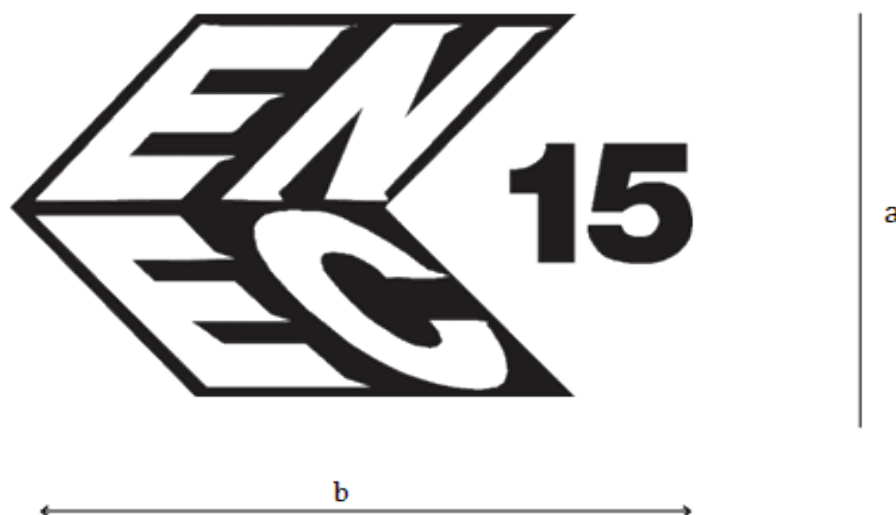
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Annex 1 to License No.

ENEC-03995-M1

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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