

ENEC License

License

ENEC-05413

Issue date

2025-07-16



This is to acknowledge that

Fael S.p.A.

Via Euripide 12/14 Agrate Brianza, MB, 20864 Italy

has had

Floodlight with LED as light source

LEDMASTER ONE E.D.SYM 90LED 4x4mmq 1770W L-N CLIS

See page 2-5 for additional Information

evaluated and meets the requirements of the standard

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 Nos. 4791736717.1 issued on 2025-07-11

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Certification Manager

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See UL Product iQ® at <https://iq.ulprospector.com> for additional information.

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TECHNICAL DETAILS

Production site(s) Fael S.p.A.
Via Euripide 12/14 Agrate Brianza, MB, 20864
Italy

Trademark 

Ratings 220-240V~ 50/60 Hz 1770 W t_a -40/+25°C Class I IK09
IP66
See below for additional ratings

Additional Information This certificate replaces the certificate No. ENEC-03995-M1 issued on 2022-03-29

Models (continued from page 1)

Variants:

Main model:

Model	Ratings
LEDMASTER ONE E.D.SYM 90LED 4x4mmq 1770W L-N CLI S	220-240V~ 50/60 Hz 1770 W t_a -40/+25°C Class I IK09 IP66

Extend models:

Model	Common Ratings
LEDMASTER ONE w yx nLED t pW q v CLI s z	50/60 Hz Class I IK09 IP66 (For other ratings refer to tables below)

Where:

Character in **bold** are fix values and:

- w Model type; may be "blank" or "HP" for 4mmq and 4x4mmq LED type's designation, "JUST" for COB type's designation or "AIR" for 2mmq LED type's designation.
- y Mechanical version; may be "I.D." or "C.I." (refer to internal controlgears) or "C.E.", "E.D." or "C.F." (refer to external controlgears)
- x Optical angle beam; may be "SYM" or "ASY", combined as in tables below
- n Number of LEDs; may be any numeric value up to 400, combined as in tables below
- t LED type's designation; may be "4x4mmq", "4mmq" or "blank" for LED size 5050; may be "2mmq" or "COB" for LED COB 28x28; combined as in tables below
- p Power, may be any numeric value up to 1770, as defined in tables below
- q internal code for optics specification; may be any alphanumeric value or "blank"
- v Supply voltage, may be "L-N" which refer to 220-240 V supply or "L-L" which refer to 400 V supply, combined as in tables below

s ta; may be “S” for ta 25 °C, “A” for ta 35 °C or “B” for ta 55 °C, combined as in tables below
z(*) Control system; may be “DALI”, “DMX”, “NEMA”, “ZHAGA” or “blank” for no control

(*) “NEMA” and “ZHAGA” suitable to be used ONLY with products with limited power; up to 1465 W (E.D.) and 1150 W (I.D.).

Additional ratings:

Ratings for models with angle beam x = SYM and mechanical version y = I.D. and C.I				
LED type designation	Max number of LEDs	Rated Voltage (Vac)	Max power (W)	ta
4x4mmq	80	400	1150	A
		220-240	1150	A
4mmq	288	400	1150	A
		220-240	1150	A
COB	20	400	1150	A
			950	B
		220-240	1150	A
			950	B
"blank"	384	400	1080	A
			670	B
		220-240	1080	A
			670	B

Ratings for models with angle beam x = SYM mechanical version y = E.D. ; C.E. ; C.F.				
LED type designation	Max number of LEDs	Rated Voltage (Vac)	Max power (W)	ta
4x4mmq	90	400	1770	S
			1630	A
			1315	B
		220-240	1770	S
			1630	A
			1315	B
4mmq	288	400	1340	A
			1150	B
		220-240	1340	A

			1150	B
COB	24	400	1494	S
			1414	A
			1245	B
		220-240	1494	S
			1414	A
			1245	B
"blank"	400	400	1665	S
			1500	A
			1210	B
		220-240	1665	S
			1500	A
			1210	B
2mmq	400	400	1620	S
			1454	A
			1170	B
		220-240	1620	S
			1454	A
			1170	B

Ratings for models with angle beam $x = \text{ASY}$ and mechanical version $y = \text{I.D.}$ and **C.I**

LED type designation	Max number of LEDs	Rated Voltage (Vac)	Max power (W)	t_a
4x4mmq	100	400	1100	A
			950	B
		220-240	1100	A
			950	B
COB	20	400	965	A
			735	B
		220-240	965	A
			735	B
"blank"	384	400	1080	A

			670	B
		220-240	1080	A
			670	B

Ratings for models with angle beam $x = \text{ASY}$ mechanical version $y = \text{E.D.}; \text{C.E.}; \text{C.F.}$

LED type designation	Max number of LEDs	Rated Voltage (Vac)	Max power (W)	t_a
4x4mmq	100	400	1157	S
			1100	A
			950	B
		220-240	1157	S
			1100	A
			950	B
COB	24	400	1174	S
			1070	A
			962	B
		220-240	1174	S
			1070	A
			962	B
"blank"	400	400	1574	S
			1380	A
			1150	B
		220-240	1574	S
			1380	A
			1150	B
2mmq	400	400	1426	S
			1307	A
			1090	B
		220-240	1426	S
			1307	A
			1090	B

ENEC LICENSE FORM OF THE ENEC 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.