

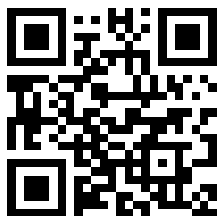
# ENEC+ License

## License

ENEC-05359-PLUS

## Issue date

2025-06-20



This is to acknowledge that

## Lumileds Malaysia Sdn Bhd

No 3, Lintang Bayan Lepas 8  
Kawasan Perindustrian Bayan Lepas  
Fasa 4, Mukim 12 Pulau Penang, Pulau Pinang 11900 Malaysia

has had

## LED Module

**L225-xyyy012MLUzzz, L225-xyyy016MLUzzz, L225-xyyy008MLUzzz**

See page 3 for additional Information

evaluated and meets the requirements of the EPRS standard

## PD EPRS 001:2018-05 (based on EN 62717:2017)

Test Report Nos. 4791710853.3.1\_1 issued on 2025-06-18

ENEC License No.(Safety): ENEC-05360 issued on 2025-05-21

Issued by ENEC Member Body: 15, UL International Demko A/S, Borupvang 5A, 2750 Ballerup, Denmark

Certification Manager  
Thomas Wilson

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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)



Trademark



Ratings

I<sub>max</sub>: 1600 mA V<sub>dc</sub> t<sub>c</sub> max: 85 °C

Maximum safety ratings of the series:

Model name	Current [mA]		Voltage [Vdc]		Power [W]		t <sub>c</sub> max [°C]	Maximum working voltage for basic insulation to mounting surface [Vdc]
	Typical	Max	Typical	Max	Typical	Max		
L225-xyyy008MLUzzz	700	1600	22,4	25,6	15,7	40,9	85	60
L225-xyyy012MLUzzz	700	1600	33,6	38,4	23,5	61,4	85	60
L225-xyyy016MLUzzz	700	1600	44,8	51,3	31,3	82,0	85	60

Performance ratings of the series:

Model name	DC Current [mA]	Power [W]	Max Luminous Flux [lm]	T <sub>p</sub> Max [°C]	CCT [K]	CRI	Efficacy [lm/W]
L225-2270008MLU010	700	15,7	2438	85	2200	70	155,29
L225-2770008MLU010	700	15,7	2698	85	2700	70	171,85
L225-3070008MLU010	700	15,7	2801	85	3000	70	178,41
L225-3570008MLU010	700	15,7	2831	85	3500	70	180,32
L225-4070008MLU010	700	15,7	2882	85	4000	70	183,57
L225-5070008MLU010	700	15,7	2882	85	5000	70	183,57
L225-5770008MLU010	700	15,7	2865	85	5700	70	182,48
L225-2780008MLU010	700	15,7	2344	85	2700	80	149,30
L225-3080008MLU010	700	15,7	2448	85	3000	80	155,92
L225-3580008MLU010	700	15,7	2556	85	3500	80	162,80
L225-4080008MLU010	700	15,7	2661	85	4000	80	169,49
L225-2270012MLU010	700	23,5	3688	85	2200	70	155,62
L225-2770012MLU010	700	23,5	4046	85	2700	70	172,17

L225-3070012MLU010	700	23,5	4202	85	3000	70	178,81
L225-3570012MLU010	700	23,5	4246	85	3500	70	180,68
L225-4070012MLU010	700	23,5	4323	85	4000	70	183,96
L225-5070012MLU010	700	23,5	4323	85	5000	70	183,96
L225-5770012MLU010	700	23,5	4298	85	5700	70	182,89
L225-2780012MLU010	700	23,5	3516	85	2700	80	149,62
L225-3080012MLU010	700	23,5	3673	85	3000	80	156,30
L225-3580012MLU010	700	23,5	3835	85	3500	80	163,19
L225-4080012MLU010	700	23,5	3991	85	4000	80	169,83
L225-2270016MLU010	700	31,3	4876	85	2200	70	155,78
L225-2770016MLU010	700	31,3	5395	85	2700	70	172,36
L225-3070016MLU010	700	31,3	5603	85	3000	70	179,01
L225-3570016MLU010	700	31,3	5661	85	3500	70	180,86
L225-4070016MLU010	700	31,3	5764	85	4000	70	184,15
L225-5070016MLU010	700	31,3	5764	85	5000	70	184,15
L225-5770016MLU010	700	31,3	5731	85	5700	70	183,10
L225-2780016MLU010	700	31,3	4688	85	2700	80	149,78
L225-3080016MLU010	700	31,3	4897	85	3000	80	156,45
L225-3580016MLU010	700	31,3	5113	85	3500	80	163,35
L225-4080016MLU010	700	31,3	5321	85	4000	80	170,00
Ambient Temperature range: -40 °C ~ +85 °C							

#### Additional Information

##### Models (continued from page 1)

**Series:** L225-xyyy012MLUzzz, L225-xyyy016MLUzzz,  
L225-xyyy008MLUzzz,  
xx = CCT, may be two digits.  
yy = CRI, may be two digits.  
zzz= commercial use, may be three digits.

## 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