

TEST REPORT

Applicant's Name : FOSHAN KAICHENG LIGHTING CO., LTD
Address : No.16 Xingye West Road, Shishan Town, Nanhai District, Foshan,
528000 Guangdong, P.R. China

Product Name : LED floodlight
Trade Mark : N/A
Model(s) : EK05-EC 150W

Testing Laboratory : Shenzhen DACE Testing Technology Co., Ltd.
102, Building H1, & 1/F., Building H, Hongfa Science & Technology
Address : Park, Tangtou Community, Shiyan Subdistrict, Bao'an District,
Shenzhen, Guangdong, China

Test Date : Jun. 23, 2025 - Nov. 24, 2025
Date of Report : Nov. 29, 2025
Report No. : DACE251119026RL001

Note: This report shall not be reproduced except in full, without the written approval of Shenzhen DACE Testing Technology Co., Ltd. This document may be altered or revised by Shenzhen DACE Testing Technology Co., Ltd. personnel only, and shall be noted in the revision section of the document. The test results in the report only apply to the tested sample

Revision History Of Report

Version	Description	REPORT No.	Modified information
A0	Original	DACE251119026RL001	None

TEST REPORT



000009842

Reference No.: DACE251119026RL001

Compiled by (name + signature): Parker Chen

Approved by (name + signature): Calvin Chen

Date of issue: Nov. 29, 2025



Testing laboratory

Name: Shenzhen DACE Testing Technology Co., Ltd.
 Address: 102, Building H1, & 1/F., Building H, Hongfa Science & Technology Park, Tangtou Community, Shiyan Subdistrict, Bao'an District, Shenzhen, Guangdong, China
 Testing location: Same as above

Client

Name: FOSHAN KAICHENG LIGHTING CO., LTD
 Address: No.16 Xingye West Road, Shishan Town, Nanhai District, Foshan, 528000 Guangdong, P.R. China

Test specification

Standard: EU 2019/2020
 EU 2019/2015
 EU 2021/340
 COMMISSION REGULATION (EU) 2019/2020 of 1 October 2019 laying down ecodesign requirements for light sources and separate control gears pursuant to Directive 2009/125/EC of the European Parliament and of the Council and repealing Commission Regulations (EC) No 244/2009, (EC) No 245/2009 and (EU) No 1194/2012
 Test procedure: COMMISSION REGULATION (EU) 2019/2020 of 1 October 2019 laying down ecodesign requirements for light sources and separate control gears pursuant to Directive 2009/125/EC of the European Parliament and of the Council and repealing Commission Regulations (EC) No 244/2009, (EC) No 245/2009 and (EU) No 1194/2012
 Test Report Form No: EU2019A
 Master TRF: 2022-10

Test item

Product Name: LED floodlight
 Trade Mark: N/A
 Model(s): EK05-EC 150W
 Manufacturer's name: FOSHAN KAICHENG LIGHTING CO., LTD
 Address: No.16 Xingye West Road, Shishan Town, Nanhai District, Foshan, 528000 Guangdong, P.R. China

TEST Standard	
Measured parameter	Reference
Lumen	IEC62717:2014+A1:2015+A2:2019
Lamp efficacy, luminous efficacy	IEC62717:2014+A1:2015+A2:2019.
Lamp survival factor	IEC62717:2014+A1:2015+A2:2019
Lumen maintenance	IEC62717:2014+A1:2015+A2:2019
Chromaticity coordinates	EN13032-4:2015
Colour consistency	IEC62717:2014+A1:2015+A2:2019
CCT	EN13032-4:2015
CRI	EN13032-4:2015
Lamp dimensions	IEC62717:2014+A1:2015+A2:2019
Dimmability	IEC62717:2014+A1:2015+A2:2019
Beam angle	IEC62717:2014+A1:2015+A2:2019, IEC/TR 61341-2010
Peak intensity	IEC62717:2014+A1:2015+A2:2019, IEC/TR 61341-2010
Cone lumen	L2(AP)005

Test item particulars:

Model name.....: EK05-EC 150W

Lighting type.....: ☒ directional ☐ non-directional

Rated voltage and frequency.....: 220-240VAC 50/60Hz

Rated wattage.....: 150W

Lamp cap.....: N/A

Nominal luminous flux Φ: 6500K: 12060lm 4500K: 12800lm 3000K: 12010lm

Useful luminous flux (Φ_{use}): 6500K: 10540lm 4500K: 11187lm 3000K: 10497lm

Declared η_{TM} (lm/W).....: 6500K: 97lm/W 4500K: 100lm/W 3000K: 96lm/W

Declared Colour rendering (CRI).....: 80

Declared Displacement factor for LED and OLED MLS(DF).....: 0.90

Declared Lumen maintenance factor for LED and OLE.....: 96.00%

Declared Survival factor for LED and OLED.: 90.00%

Declared colour consistency for LED and OLED: 6

Declared beam angle for DLS.....: 110

Declared lamp life.....: 36000h

Declared color temperature: 6500K/4500K/3000K

Declared Flicker for LED and OLED MLS.....: 1.0

Declared Stroboscopic effect for LED and OLED MLS.....: 0.4

Test case verdicts

Test case does not apply to the test object...: N/A

Test item does meet the requirement.....: P(ass)

Test item does not meet the requirement.....: F(ail)

Testing

Date of receipt of test item: Jun. 23, 2025

Date(s) of performance of test.....: Jun. 23, 2025 - Nov. 24, 2025

General remarks:

This test report shall not be reproduced except in full without the written approval of the testing laboratory.

The test results presented in this report relate only to the item tested.

"(see remark #)" refers to a remark appended to the report.

"(see appended table)" refers to a table appended to the report.

Appendix I: Test results--Tabel 1: Initial test results: (6500K)

		Test Result				P
Sample No.	Measured voltage(V)	Measured current (mA)	Measured power(W)	Initial Φ use (lm)	Beam angle (°) for DLS	--
1#	AC230	678	146.27	12051	110	--
2#	AC230	678	146.27	12000	109	--
3#	AC230	677	146.06	12138	110	--
4#	AC230	677	146.06	11994	110	--
5#	AC230	678	146.27	12002	110	--
6#	AC230	678	146.27	12122	109	--
7#	AC230	677	146.06	12044	111	--
8#	AC230	678	146.27	12129	110	--
9#	AC230	678	146.27	12117	110	--
10#	AC230	677	146.06	12003	109	--
Average	AC230	678	146.19	12060	110	--
Sample No.	Colour rendering (CRI)	Displacement factor(DF)	Colour consistency	Flicker(Pst LM)	Stroboscopic effect(SVM)	--
1#	82	0.90	5.9	1.0	0.4	--
2#	81	0.90	6.0	1.0	0.4	--
3#	82	0.90	6.0	1.0	0.4	--
4#	82	0.90	6.0	1.0	0.4	--
5#	81	0.90	5.9	1.0	0.4	--
6#	82	0.90	5.9	1.0	0.4	--
7#	82	0.90	6.0	1.0	0.4	--
8#	82	0.90	6.0	1.0	0.4	--
9#	81	0.90	5.9	1.0	0.4	--
10#	82	0.90	6.0	1.0	0.4	--
Average	82	0.90	6.0	1.0	0.4	--
Required	CRI≥80	DF≥XX	SDCM≤6	Pst LM≤1,0	SVM≤0,4	--

Tabel 2: Initial test results: (6500K)

		Test Result					P
Sample No.	Initial Φ use (lm)	Efficacy factor (F)	CRI factor (R)	Threshold efficacy (η)	End loss factor (L)	Correction factor (C)	Ponmax
1#	12051	0.85	1.01	120	1.5	1.23	148.64
2#	12000	0.85	1.01	120	1.5	1.23	148.02
3#	12138	0.85	1.01	120	1.5	1.23	149.70
4#	11994	0.85	1.01	120	1.5	1.23	147.94
5#	12002	0.85	1.01	120	1.5	1.23	148.04
6#	12122	0.85	1.01	120	1.5	1.23	149.50
7#	12044	0.85	1.01	120	1.5	1.23	148.55
8#	12129	0.85	1.01	120	1.5	1.23	149.59
9#	12117	0.85	1.01	120	1.5	1.23	149.44
10#	12003	0.85	1.01	120	1.5	1.23	148.05
Average	12060	0.85	1.01	120	1.5	1.23	148.75
Factor	N/A	☐ 1.00 for NDLS ☒ 0.85 for DLS	☐ 0.65 for CRI≤25, ☒ (CRI+80)/160 for CRI>25	120.0 for LED	1.5 for LED	☐ NDLS & NMLS: 1.00 ☐ NDLS & MLS: 1.08 ☐ DLS & NMLS: 1.15 ☒ DLS & MLS: 1.23	Pon= $C_x(L + \Phi_{use}/(F \times \eta) \times R)$

Tabel 3: Initial test results for Energy efficiency classes: (6500K)

		Test Result				P
Sample No.	Initial Φ_{use} (lm)	Initial Pon(W)	F_{TM}	η_{TM} (lm/W)	Test Energy efficiency class	Declare Energy efficiency class
1#	12051	146.27	1.176	97	F	F
2#	12000	146.27	1.176	96	F	F
3#	12138	146.06	1.176	98	F	F
4#	11994	146.06	1.176	97	F	F
5#	12002	146.27	1.176	96	F	F
6#	12122	146.27	1.176	97	F	F
7#	12044	146.06	1.176	97	F	F
8#	12129	146.27	1.176	98	F	F
9#	12117	146.27	1.176	97	F	F
10#	12003	146.06	1.176	97	F	F
Average	12060	146.19	1.176	97	F	F
Energy efficiency class: A: $210 \leq \eta_{TM}$ B: $185 \leq \eta_{TM} < 210$ C: $160 \leq \eta_{TM} < 185$ D: $135 \leq \eta_{TM} < 160$ E: $110 \leq \eta_{TM} < 135$ F: $85 \leq \eta_{TM} < 110$ G: $\eta_{TM} < 85$				☐ NDLS & MLS: 1.00 ☐ NDLS & NMLS: 0.926 ☒ DLS & MLS: 1.176 ☐ DLS & NMLS: 1.089		

 $\eta_{TM} = (\Phi_{use}/P_{on}) \times F_{TM}$ (lm/W).

Appendix I: Test results--Tabel 1: Initial test results: (4500K)

		Test Result				P
Sample No.	Measured voltage(V)	Measured current (mA)	Measured power(W)	Initial Φ use (lm)	Beam angle (°) for DLS	--
1#	AC230	694	150.19	12798	110	--
2#	AC230	694	150.19	12747	109	--
3#	AC230	693	149.97	12885	110	--
4#	AC230	693	149.97	12741	110	--
5#	AC230	694	150.19	12749	110	--
6#	AC230	694	150.19	12869	109	--
7#	AC230	693	149.97	12791	111	--
8#	AC230	694	150.19	12876	110	--
9#	AC230	694	150.19	12864	110	--
10#	AC230	693	149.97	12750	109	--
Average	AC230	694	150.10	12807	110	--
Sample No.	Colour rendering (CRI)	Displacement factor(DF)	Colour consistency	Flicker(Pst LM)	Stroboscopic effect(SVM)	--
1#	84	0.90	5.9	1.0	0.4	--
2#	85	0.90	6.0	1.0	0.4	--
3#	85	0.90	6.0	1.0	0.4	--
4#	84	0.90	6.0	1.0	0.4	--
5#	85	0.90	5.9	1.0	0.4	--
6#	84	0.90	5.9	1.0	0.4	--
7#	86	0.90	6.0	1.0	0.4	--
8#	84	0.90	6.0	1.0	0.4	--
9#	85	0.90	5.9	1.0	0.4	--
10#	84	0.90	6.0	1.0	0.4	--
Average	85	0.90	6.0	1.0	0.4	--
Required	CRI≥80	DF≥XX	SDCM≤6	Pst LM≤1,0	SVM≤0,4	--

Tabel 2: Initial test results: (4500K)

		Test Result					P
Sample No.	Initial Φ use (lm)	Efficacy factor (F)	CRI factor (R)	Threshold efficacy (η)	End loss factor (L)	Correction factor (C)	Ponmax
1#	12798	0.85	1.03	120	1.5	1.23	160.86
2#	12747	0.85	1.03	120	1.5	1.23	160.23
3#	12885	0.85	1.03	120	1.5	1.23	161.94
4#	12741	0.85	1.03	120	1.5	1.23	160.15
5#	12749	0.85	1.03	120	1.5	1.23	160.25
6#	12869	0.85	1.03	120	1.5	1.23	161.74
7#	12791	0.85	1.04	120	1.5	1.23	162.33
8#	12876	0.85	1.03	120	1.5	1.23	161.83
9#	12864	0.85	1.03	120	1.5	1.23	161.68
10#	12750	0.85	1.03	120	1.5	1.23	160.26
Average	12807	0.85	1.03	120	1.5	1.23	161.13
Factor	N/A	☐ 1.00 for NDLS ☒ 0.85 for DLS	☐ 0.65 for CRI≤25, ☒ (CRI+80)/160 for CRI>25	120.0 for LED	1.5 for LED	☐ NDLS & NMLS: 1.00 ☐ NDLS & MLS: 1.08 ☐ DLS & NMLS: 1.15 ☒ DLS & MLS: 1.23	Pon= $Cx(L + \Phi_{use}/(Fx \eta) \times R$

Tabel 3: Initial test results for Energy efficiency classes: (4500K)

		Test Result				P
Sample No.	Initial Φ_{use} (lm)	Initial $P_{on}(W)$	F_{TM}	η_{TM} (lm/W)	Test Energy efficiency class	Declare Energy efficiency class
1#	12798	150.19	1.176	100	F	F
2#	12747	150.19	1.176	100	F	F
3#	12885	149.97	1.176	101	F	F
4#	12741	149.97	1.176	100	F	F
5#	12749	150.19	1.176	100	F	F
6#	12869	150.19	1.176	101	F	F
7#	12791	149.97	1.176	100	F	F
8#	12876	150.19	1.176	101	F	F
9#	12864	150.19	1.176	101	F	F
10#	12750	149.97	1.176	100	F	F
Average	12807	150.10	1.176	100	F	F
Energy efficiency class: A: $210 \leq \eta_{TM}$ B: $185 \leq \eta_{TM} < 210$ C: $160 \leq \eta_{TM} < 185$ D: $135 \leq \eta_{TM} < 160$ E: $110 \leq \eta_{TM} < 135$ F: $85 \leq \eta_{TM} < 110$ G: $\eta_{TM} < 85$				☐ NDLS & MLS: 1.00 ☐ NDLS & NMLS: 0.926 ☒ DLS & MLS: 1.176 ☐ DLS & NMLS: 1.089		

$$\eta_{TM} = (\Phi_{use}/P_{on}) \times F_{TM} \text{ (lm/W)}.$$

Appendix I: Test results--Tabel 1: Initial test results: (3000K)

		Test Result				P
Sample No.	Measured voltage(V)	Measured current (mA)	Measured power(W)	Initial Φ use (lm)	Beam angle (°) for DLS	--
1#	AC230	679	146.52	12002	110	--
2#	AC230	679	146.52	11951	109	--
3#	AC230	678	146.30	12089	110	--
4#	AC230	678	146.30	11945	110	--
5#	AC230	679	146.52	11953	110	--
6#	AC230	679	146.52	12073	109	--
7#	AC230	678	146.30	11995	111	--
8#	AC230	679	146.52	12080	110	--
9#	AC230	679	146.52	12068	110	--
10#	AC230	678	146.30	11954	109	--
Average	AC230	679	146.43	12011	110	--
Sample No.	Colour rendering (CRI)	Displacement factor(DF)	Colour consistency	Flicker(Pst LM)	Stroboscopic effect(SVM)	--
1#	82	0.90	5.9	1.0	0.4	--
2#	81	0.90	6.0	1.0	0.4	--
3#	82	0.90	6.0	1.0	0.4	--
4#	82	0.90	6.0	1.0	0.4	--
5#	81	0.90	5.9	1.0	0.4	--
6#	82	0.90	5.9	1.0	0.4	--
7#	82	0.90	6.0	1.0	0.4	--
8#	82	0.90	6.0	1.0	0.4	--
9#	81	0.90	5.9	1.0	0.4	--
10#	82	0.90	6.0	1.0	0.4	--
Average	82	0.90	6.0	1.0	0.4	--
Required	CRI≥80	DF≥XX	SDCM≤6	Pst LM≤1,0	SVM≤0,4	--

Tabel 2: Initial test results: (3000K)

		Test Result					P
Sample No.	Initial Φ use (lm)	Efficacy factor (F)	CRI factor (R)	Threshold efficacy (η)	End loss factor (L)	Correction factor (C)	Ponmax
1#	12002	0.85	1.01	120	1.5	1.23	148.04
2#	11951	0.85	1.01	120	1.5	1.23	147.42
3#	12089	0.85	1.01	120	1.5	1.23	149.10
4#	11945	0.85	1.01	120	1.5	1.23	147.35
5#	11953	0.85	1.01	120	1.5	1.23	147.44
6#	12073	0.85	1.01	120	1.5	1.23	148.91
7#	11995	0.85	1.01	120	1.5	1.23	147.96
8#	12080	0.85	1.01	120	1.5	1.23	148.99
9#	12068	0.85	1.01	120	1.5	1.23	148.84
10#	11954	0.85	1.01	120	1.5	1.23	147.46
Average	12011	0.85	1.01	120	1.5	1.23	148.15
Factor	N/A	☐ 1.00 for NDLS ☒ 0.85 for DLS	☐ 0.65 for CRI≤25, ☒ (CRI+80)/160 for CRI>25	120.0 for LED	1.5 for LED	☐ NDLS & NMLS: 1.00 ☐ NDLS & MLS: 1.08 ☐ DLS & NMLS: 1.15 ☒ DLS & MLS: 1.23	Pon= $C_x(L + \Phi_{use}/(F_x \eta)) \times R$

Tabel 3: Initial test results for Energy efficiency classes: (3000K)

		Test Result				P
Sample No.	Initial Φ_{use} (lm)	Initial Pon(W)	F_{TM}	η_{TM} (lm/W)	Test Energy efficiency class	Declare Energy efficiency class
1#	12002	146.52	1.176	96	F	F
2#	11951	146.52	1.176	96	F	F
3#	12089	146.30	1.176	97	F	F
4#	11945	146.30	1.176	96	F	F
5#	11953	146.52	1.176	96	F	F
6#	12073	146.52	1.176	97	F	F
7#	11995	146.30	1.176	96	F	F
8#	12080	146.52	1.176	97	F	F
9#	12068	146.52	1.176	97	F	F
10#	11954	146.30	1.176	96	F	F
Average	12011	146.43	1.176	96	F	F
Energy efficiency class: A: $210 \leq \eta_{TM}$ B: $185 \leq \eta_{TM} < 210$ C: $160 \leq \eta_{TM} < 185$ D: $135 \leq \eta_{TM} < 160$ E: $110 \leq \eta_{TM} < 135$ F: $85 \leq \eta_{TM} < 110$ G: $\eta_{TM} < 85$				☐ NDLS & MLS: 1.00 ☐ NDLS & NMLS: 0.926 ☒ DLS & MLS: 1.176 ☐ DLS & NMLS: 1.089		

 $\eta_{TM} = (\Phi_{use}/P_{on}) \times F_{TM}$ (lm/W).

Table 4: Test results of survival factor and Lumen maintenance: (3000K)

Sample No.	Test Result			P
	Initial Φ use (lm)	3600H Φ use (lm)	XLMF, MIN% at 3600H	survival factor at 3600H
1#	12002	11671	97.24%	No damage
2#	11951	11621	97.24%	No damage
3#	12089	11758	97.26%	No damage
4#	11945	11615	97.24%	No damage
5#	11953	11622	97.23%	No damage
6#	12073	11742	97.26%	No damage
7#	11995	11665	97.25%	No damage
8#	12080	11749	97.26%	No damage
9#	12068	11737	97.26%	No damage
10#	11954	11624	97.24%	No damage
Average	12011	11680	97.25%	100%
Required	--	--	96.00%	90%

Table 5: Test results of No-load power(Pno), Standby power(Psb) and Networked standby power(Pnet) (3000K)

Sample No.	Test Result			N/A
	Pno (W)	Psb (W)	Pnet (W)	
1#	--	--	--	
2#	--	--	--	
3#	--	--	--	
4#	--	--	--	
5#	--	--	--	
6#	--	--	--	
7#	--	--	--	
8#	--	--	--	
9#	--	--	--	
10#	--	--	--	
Average	--	--	--	
Required	<0.5W	<0.5W	<0.5W	

Product information sheet

Supplier's name or trade mark: FOSHAN KAICHENG LIGHTING CO., LTD			
Supplier's address: No.16 Xingye West Road, Shishan Town, Nanhai District, Foshan, 528000 Guangdong, P.R. China			
Model identifier: EK05-EC 150W			
Type of light source:			
Lighting technology used:	☐ CFL ☒ LED ☐ HID ☐ Others:	Non-directional or directional:	☐ NDLS ☒ DLS
Light source cap-type (or other electric interface)	/		
Mains or non-mains:	☒ MLS ☐ NMLS	Connected light source (CLS):	☐ Yes ☒ No
Colour-tuneable light source:	☒ Yes ☐ No	Envelope:	☐ Yes ☒ No
High luminance light source:	☐ Yes ☒ No		
Anti-glare shield:	☐ Yes ☒ No	Dimmable:	☐ Yes ☐ Only with specific dimmers ☒ No
Product parameters			
Parameter	220-240VAC 50/60Hz 150W	Parameter	/
General product parameters:			
Energy consumption in on-mode (kWh/1 000h),rounded up to the nearest integer	146kWh/1000h(6500K) 150kWh/1000h(4500K) 147kWh/1000h(3000K)	Energy efficiency class	F

Useful luminous flux (Φ_{use}), indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°)		12060 in a sphere (6500K) 12800 in a sphere (4500K) 12010 in a sphere (3000K)	Correlated colour temperature, rounded to the nearest 100 K, or the range of correlated colour temperatures, rounded to the nearest 100 K, that can be set	6500K/4500K/3000K
On-mode power (P_{on}), expressed in W		150.0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	/
Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal		No Networked standby power	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	80
Outer dimensions without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre)	Height	216	Spectral power distribution in the range 250 nm to 800 nm, at full-load	<p>6500K</p> <p>4500K</p> <p>3000K</p>
	Width	325		
	Depth	30		
Claim of equivalent power		☐ Yes ☒ —	If yes, equivalent power (W)	/

		Chromaticity coordinates (x and y)	6500K x: 0.313 y: 0.339 4500K x: 0.369 y: 0.369 3000K x: 0.438 y: 0.406
Parameters for directional light sources:			
Peak luminous intensity (cd)	4997	Beam angle in degrees, or the range of beam angles that can be set	110
Parameters for LED and OLED light sources:			
R9 colour rendering index value	18	Survival factor	90.00%
the lumen maintenance factor	96.00%		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ_1)	0.90	Colour consistency in McAdam ellipses	6
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	/	If yes then replacement claim (W)	/
Flicker metric (Pst LM)	1.0	Stroboscopic effect metric (SVM)	0.4

Remarks:

3. Information requirements

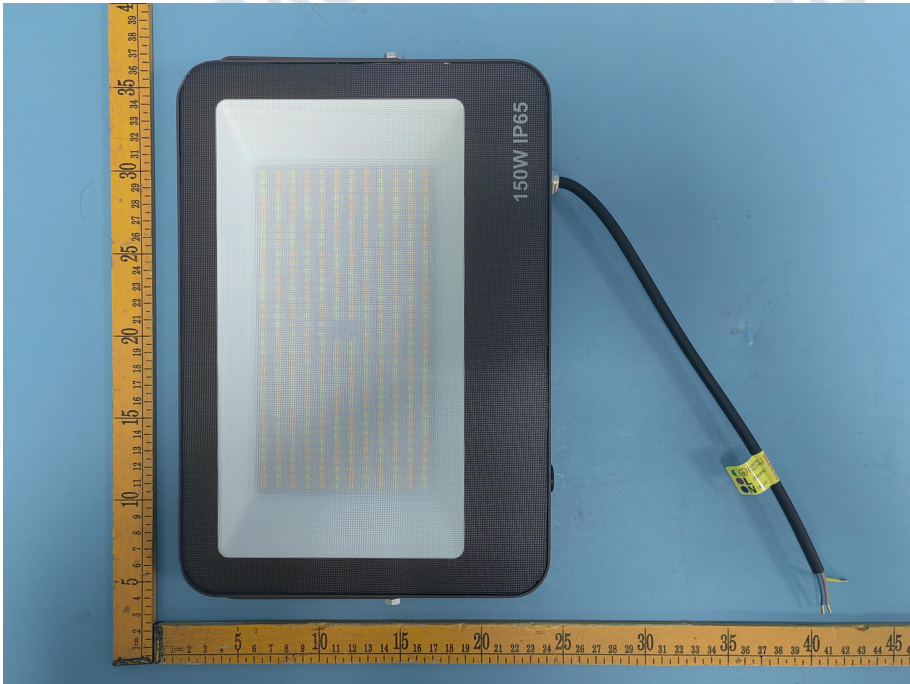
From 1 September 2021 the following information requirements shall apply:

- (a) Information to be displayed on the light source itself
For all light sources, except CTLS, LFL, CFLni, other FL, and HID, the value and physical unit of the useful luminous flux (lm) and correlated colour temperature (K) shall be displayed in a legible font on the surface if, after the inclusion of safety-related information, there is sufficient space available for it without unduly obstructing the light emission.
For directional light sources, the beam angle (°) shall also be indicated.
If there is room for only two values, the useful luminous flux and the correlated colour temperature shall be displayed. If there is room for only one value, the useful luminous flux shall be displayed.
- (b) Information to be visibly displayed on the packaging
- (1) Light source placed on the market, not in a containing product
If a light source is placed on the market, not in a containing product, in a packaging containing information to be visibly displayed at a point-of-sale prior to its purchase, the following information shall be clearly and prominently displayed on the packaging:
 - (a) the useful luminous flux (Φ_{use}) in a font at least twice as large as the display of the on-mode power (P_{on}), clearly indicating if it refers to the flux in a sphere (360°), in a wide cone (120°) or in a narrow cone (90°);
 - (b) the correlated colour temperature, rounded to the nearest 100 K, also expressed graphically or in words, or the range of correlated colour temperatures that can be set;
 - (c) the beam angle in degrees (for directional light sources), or the range of beam angles that can be set;
 - (d) electrical interface details, e.g. cap- or connector-type, type of power supply (e.g. 230 V AC 50 Hz, 12 V DC);
 - (e) the L70B50 lifetime for LED and OLED light sources, expressed in hours;
 - (f) the on-mode power (P_{on}), expressed in W;
 - (g) the standby power (P_{sb}), expressed in W and rounded to the second decimal. If the value is zero, it may be omitted from the packaging;
 - (h) the networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal. If the value is zero, it may be omitted from the packaging;
 - (i) the colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set; if CRI < 80, and the light source is intended for use in outdoor applications, industrial applications or other applications where lighting standards allow a CRI < 80, a clear indication to this effect. For HID light sources with useful luminous flux > 4 000 lm, this indication is not mandatory;
 - (j) if the light source is designed for optimum use in non-standard conditions (such as ambient temperature $T_a \neq 25^\circ\text{C}$ or specific thermal management is necessary): information on those conditions; a warning if the light source cannot be dimmed or can be dimmed only with specific dimmers or with specific wired or wireless dimming methods. In the latter cases a list of compatible dimmers and/or methods shall be provided on the manufacturer's website;
 - (m) if the light source contains mercury: a warning of this, including the mercury content in mg rounded to the first decimal place;
 - (n) if the light source is within the scope of Directive 2012/19/EU, without prejudice to marking obligations pursuant to Article 14(4) of Directive 2012/19/EU, or contains mercury: a warning that it shall not be disposed of as unsorted municipal waste.

Items (a) to (d) shall be displayed on the packaging in the direction meant to face prospective buyer; for other items this is also recommended, if space permits.

For light sources that can be set to emit light with different characteristics, the information shall be reported for the reference control settings. In addition, a range of obtainable values may be indicated. The information does not need to use the exact wording on the list above. Alternatively, it may be displayed in the form of graphs, drawings or symbols.
- (e) Information for products specified in point 3 of Annex III
For the light sources and separate control gears specified in point 3 of Annex III the intended purpose shall be stated in the technical documentation for compliance assessment as per Article 5 of this Regulation and on all forms of packaging, product information and advertisement, together with an explicit indication that the light source or separate control gear is not intended for use in other applications.
The technical documentation file drawn up for the purposes of conformity assessment, in accordance with Article 5 of this Regulation shall list the technical parameters that make the product design specific to qualify for the exemption.
In particular for light sources indicated in point 3(p) of Annex III it shall be stated: 'This light source is only for use by photo sensitive patients. Use of this light source will lead to increased energy cost compared to an equivalent more energy efficient product.'

Product photos of EUT:

<p>Photo 1</p>	
<p>Photo 2</p>	

*** End of the report ***