

# CERTIFICATE

No. U6P 097386 0616 Rev. 00

**Holder of Certificate:** **LEDVANCE GmbH**

Parkring 1-5  
85748 Garching  
GERMANY

**Certification Mark:**



**Product:** **Luminaires for road and street lighting**  
**LED Street light**

The product was voluntarily tested according to the listed standards. The product can be marked with the certification mark shown above. It is not permitted to alter the certification mark in any way. In addition, the certificate holder must not transfer the certificate to third parties. All applicable requirements of the Testing, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 704022410549

**Date,** 2025-02-19



( Lucy (Jianying) Lu )

This certificate is only valid in conjunction with

**ENEC certificate:** U6 097386 0612 Rev. 00

**Issued by:** TÜV SÜD Product Service GmbH



# CERTIFICATE

No. U6P 097386 0616 Rev. 00

**Model(s):**

- SL FLEX SM P xxxW 7yy zzzzST N 08 aa C2 O1;
- SL FLEX SM P xxxW 7yy zzzzST N 08 aa C2 SP;
- SL FLEX SM P xxxW 7yy zzzzST N 16 aa C2 O1;
- SL FLEX SM P xxxW 7yy zzzzST N 16 aa C2 SP;
- SL FLEX SM P xxxW 7yy zzzzST N 24 aa C2 O1;
- SL FLEX SM P xxxW 7yy zzzzST N 24 aa C2 SP;
- SL FLEX MD P xxxW 7yy zzzzST N 36 aa C2 O1;
- SL FLEX MD P xxxW 7yy zzzzST N 36 aa C2 SP;
- SL FLEX MD P xxxW 7yy zzzzST N 48 aa C2 O1;
- SL FLEX MD P xxxW 7yy zzzzST N 48 aa C2 SP;
- SL FLEX LA P xxxW 7yy zzzzST N 72 aa C2 O1;
- SL FLEX LA P xxxW 7yy zzzzST N 72 aa C2 SP;
- SL FLEX LA P xxxW 7yy zzzzST N 96 aa C2 O1;
- SL FLEX LA P xxxW 7yy zzzzST N 96 aa C2 SP;
- SL FLEX SM P xxxW 7yy zzzzST 7 08 aa C2 O4;
- SL FLEX SM P xxxW 7yy zzzzST 7 08 aa C2 M5;
- SL FLEX SM P xxxW 7yy zzzzST 7 16 aa C2 O4;
- SL FLEX SM P xxxW 7yy zzzzST 7 16 aa C2 M5;
- SL FLEX SM P xxxW 7yy zzzzST 7 24 aa C2 O4;
- SL FLEX SM P xxxW 7yy zzzzST 7 24 aa C2 M5;
- SL FLEX MD P xxxW 7yy zzzzST 7 36 aa C2 O4;
- SL FLEX MD P xxxW 7yy zzzzST 7 36 aa C2 M5;
- SL FLEX MD P xxxW 7yy zzzzST 7 48 aa C2 O4;
- SL FLEX MD P xxxW 7yy zzzzST 7 48 aa C2 M5;
- SL FLEX LA P xxxW 7yy zzzzST 7 72 aa C2 O4;
- SL FLEX LA P xxxW 7yy zzzzST 7 72 aa C2 M5;
- SL FLEX LA P xxxW 7yy zzzzST 7 96 aa C2 O4;
- SL FLEX LA P xxxW 7yy zzzzST 7 96 aa C2 M5;
- SL FLEX SM P xxxW 7yy zzzzST T 08 aa C2 DX;
- SL FLEX SM P xxxW 7yy zzzzST B 08 aa C2 DX;
- SL FLEX SM P xxxW 7yy zzzzST 2 08 aa C2 DX;
- SL FLEX SM P xxxW 7yy zzzzST T 08 aa C2 M7;
- SL FLEX SM P xxxW 7yy zzzzST B 08 aa C2 M7;
- SL FLEX SM P xxxW 7yy zzzzST 2 08 aa C2 M7;
- SL FLEX SM P xxxW 7yy zzzzST T 16 aa C2 DX;
- SL FLEX SM P xxxW 7yy zzzzST B 16 aa C2 DX;
- SL FLEX SM P xxxW 7yy zzzzST 2 16 aa C2 DX;
- SL FLEX SM P xxxW 7yy zzzzST T 16 aa C2 M7;
- SL FLEX SM P xxxW 7yy zzzzST B 16 aa C2 M7;
- SL FLEX SM P xxxW 7yy zzzzST 2 16 aa C2 M7;
- SL FLEX SM P xxxW 7yy zzzzST T 24 aa C2 DX;
- SL FLEX SM P xxxW 7yy zzzzST B 24 aa C2 DX;
- SL FLEX SM P xxxW 7yy zzzzST 2 24 aa C2 DX;
- SL FLEX SM P xxxW 7yy zzzzST T 24 aa C2 M7;
- SL FLEX SM P xxxW 7yy zzzzST B 24 aa C2 M7;
- SL FLEX SM P xxxW 7yy zzzzST 2 24 aa C2 M7;
- SL FLEX MD P xxxW 7yy zzzzST T 36 aa C2 DX;
- SL FLEX MD P xxxW 7yy zzzzST B 36 aa C2 DX;
- SL FLEX MD P xxxW 7yy zzzzST 2 36 aa C2 DX;
- SL FLEX MD P xxxW 7yy zzzzST T 36 aa C2 M7;
- SL FLEX MD P xxxW 7yy zzzzST B 36 aa C2 M7;
- SL FLEX MD P xxxW 7yy zzzzST 2 36 aa C2 M7;
- SL FLEX MD P xxxW 7yy zzzzST T 48 aa C2 DX;
- SL FLEX MD P xxxW 7yy zzzzST B 48 aa C2 DX;
- SL FLEX MD P xxxW 7yy zzzzST 2 48 aa C2 DX;
- SL FLEX MD P xxxW 7yy zzzzST T 48 aa C2 M7;

# CERTIFICATE

No. U6P 097386 0616 Rev. 00

SL FLEX MD P xxxW 7yy zzzzST B 48 aa C2 M7;  
 SL FLEX MD P xxxW 7yy zzzzST 2 48 aa C2 M7;  
 SL FLEX LA P xxxW 7yy zzzzST T 72 aa C2 DX;  
 SL FLEX LA P xxxW 7yy zzzzST B 72 aa C2 DX;  
 SL FLEX LA P xxxW 7yy zzzzST 2 72 aa C2 DX;  
 SL FLEX LA P xxxW 7yy zzzzST T 72 aa C2 M7;  
 SL FLEX LA P xxxW 7yy zzzzST B 72 aa C2 M7;  
 SL FLEX LA P xxxW 7yy zzzzST 2 72 aa C2 M7;  
 SL FLEX LA P xxxW 7yy zzzzST T 96 aa C2 DX;  
 SL FLEX LA P xxxW 7yy zzzzST B 96 aa C2 DX;  
 SL FLEX LA P xxxW 7yy zzzzST 2 96 aa C2 DX;  
 SL FLEX LA P xxxW 7yy zzzzST T 96 aa C2 M7;  
 SL FLEX LA P xxxW 7yy zzzzST B 96 aa C2 M7;  
 SL FLEX LA P xxxW 7yy zzzzST 2 96 aa C2 M7  
 'xxx' stands for rated power, it can be 010-164, in steps of 1W,  
 e.g. 010=10W, 164=164W;  
 'yy' stands for CCT of LED, it can be 22, 27, 30, 40 and 57, e.g.  
 22=2200K, 57=5700K;  
 'zzzz' stands for lens angle, it can be RV15, RV25, RV30,  
 RV35, RW35, RU20, RU30, P45L and P45P, RV15=150x50°,  
 RV25=165x55°, RV30=150x75°, RV35=160x75°, RW35=135x70°,  
 RU20=160x70°, RU30=150x60°, P45L=-75°, P45P=+75°;  
 'aa' stands for color of housing, it can be any letters  
 combination, e.g. WA=Light Grey, GY=Dark Grey, BK=Black,  
 WT=White)

**Brand Name:**

**LEDVANCE**



**Parameters:**

Rated voltage:	220-240V~
Rated frequency:	50/60Hz
Rated Power:	see model list
Luminous flux:	see model list
Colour temperature (CCT):	see model list
Colour rendering index (CRI):	70
Luminous Efficacy:	see model list
Lamp Type:	LED module
Luminaire:	Type B
Ambient Temperature Rating (tq):	25°C



# CERTIFICATE

No. U6P 097386 0616 Rev. 00

## Model list

Model No.	'xxx' can be 010 to 164 which stands for Rated Power 10W to 164W, in steps of 1W	Rated Power (W)	Rated luminous flux (lm)	Correlated Colour temperature (K)	Rated Colour Rendering Index (CRI)	Luminous efficacy (lm/W)
SL FLEX SM P xxxW 7yy zzzzST N 08 aa C2 O1; SL FLEX SM P xxxW 7yy zzzzST N 08 aa C2 SP; SL FLEX SM P xxxW 7yy zzzzST T 08 aa C2 DX; SL FLEX SM P xxxW 7yy zzzzST 7 08 aa C2 O4; SL FLEX SM P xxxW 7yy zzzzST 7 08 aa C2 M5; SL FLEX SM P xxxW 7yy zzzzST B 08 aa C2 DX; SL FLEX SM P xxxW 7yy zzzzST 2 08 aa C2 DX; SL FLEX SM P xxxW 7yy zzzzST T 08 aa C2 M7; SL FLEX SM P xxxW 7yy zzzzST B 08 aa C2 M7; SL FLEX SM P xxxW 7yy zzzzST 2 08 aa C2 M7	010-020	10-20	1200-2360	2200	70	120-118
			1400-2600	2700		140-130
			1450-2800	3000		145-140
			1500-2900	4000		150-145
			1500-2900	5700		150-145
SL FLEX SM P xxxW 7yy zzzzST N 16 aa C2 O1; SL FLEX SM P xxxW 7yy zzzzST N 16 aa C2 SP; SL FLEX SM P xxxW 7yy zzzzST 7 16 aa C2 O4; SL FLEX SM P xxxW 7yy zzzzST 7 16 aa C2 M5; SL FLEX SM P xxxW 7yy zzzzST T 16 aa C2 DX; SL FLEX SM P xxxW 7yy zzzzST B 16 aa C2 DX; SL FLEX SM P xxxW 7yy zzzzST 2 16 aa C2 DX; SL FLEX SM P xxxW 7yy zzzzST T 16 aa C2 M7; SL FLEX SM P xxxW 7yy zzzzST B 16 aa C2 M7; SL FLEX SM P xxxW 7yy zzzzST 2 16 aa C2 M7	021-036	21-36	2730-4500	2200	70	130-125
			3066-5040	2700		146-140
			3234-5220	3000		154-145
			3360-5472	4000		160-152
			3360-5472	5700		160-152
SL FLEX SM P xxxW 7yy zzzzST N 24 aa C2 O1; SL FLEX SM P xxxW 7yy zzzzST N 24 aa C2 SP; SL FLEX SM P xxxW 7yy zzzzST 7 24 aa C2 O4; SL FLEX SM P xxxW 7yy zzzzST 7 24 aa C2 M5; SL FLEX SM P xxxW 7yy zzzzST T 24 aa C2 DX; SL FLEX SM P xxxW 7yy zzzzST B 24 aa C2	025-052	25-52	3300-6448	2200	70	132-124



# CERTIFICATE

No. U6P 097386 0616 Rev. 00

DX; SL FLEX SM P xxxW 7yy zzzzST 2 24 aa C2 DX; SL FLEX SM P xxxW 7yy zzzzST T 24 aa C2 M7; SL FLEX SM P xxxW 7yy zzzzST B 24 aa C2 M7; SL FLEX SM P xxxW 7yy zzzzST 2 24 aa C2 M7			3750-7280	2700		150-140
			3875-7644	3000		155-147
			4125-8060	4000		165-155
			4125-8060	5700		165-155
SL FLEX MD P xxxW 7yy zzzzST N 36 aa C2 O1; SL FLEX MD P xxxW 7yy zzzzST N 36 aa C2 SP; SL FLEX MD P xxxW 7yy zzzzST 7 36 aa C2 O4; SL FLEX MD P xxxW 7yy zzzzST 7 36 aa C2 M5; SL FLEX MD P xxxW 7yy zzzzST T 36 aa C2 DX; SL FLEX MD P xxxW 7yy zzzzST B 36 aa C2 DX; SL FLEX MD P xxxW 7yy zzzzST 2 36 aa C2 DX; SL FLEX MD P xxxW 7yy zzzzST T 36 aa C2 M7; SL FLEX MD P xxxW 7yy zzzzST B 36 aa C2 M7; SL FLEX MD P xxxW 7yy zzzzST 2 36 aa C2 M7	045-070	45-70	6075-8960	2200	70	135-128
			6750-10150	2700		150-145
			7200-10570	3000		160-151
			7425-10990	4000		165-157
			7425-10990	5700		165-157
SL FLEX MD P xxxW 7yy zzzzST N 48 aa C2 O1; SL FLEX MD P xxxW 7yy zzzzST N 48 aa C2 SP; SL FLEX MD P xxxW 7yy zzzzST 7 48 aa C2 O4; SL FLEX MD P xxxW 7yy zzzzST 7 48 aa C2 M5; SL FLEX MD P xxxW 7yy zzzzST T 48 aa C2 DX; SL FLEX MD P xxxW 7yy zzzzST B 48 aa C2 DX; SL FLEX MD P xxxW 7yy zzzzST 2 48 aa C2 DX; SL FLEX MD P xxxW 7yy zzzzST T 48 aa C2 M7; SL FLEX MD P xxxW 7yy zzzzST B 48 aa C2 M7; SL FLEX MD P xxxW 7yy zzzzST 2 48 aa C2 M7	060-090	60-90	8100-11700	2200	70	135-130
			8400-12150	2700		140-135
			9360-13500	3000		156-150
			9600-13950	4000		160-155
			9600-13950	5700		160-155
SL FLEX LA P xxxW 7yy zzzzST N 72 aa C2 O1; SL FLEX LA P xxxW 7yy zzzzST N 72 aa C2 SP; SL FLEX LA P xxxW 7yy zzzzST 7 72 aa C2 O4; SL FLEX LA P xxxW 7yy zzzzST 7 72 aa C2 M5; SL FLEX LA P xxxW 7yy zzzzST T 72 aa C2 DX; SL FLEX LA P xxxW 7yy zzzzST B 72 aa C2 DX; SL FLEX LA P xxxW 7yy zzzzST 2 72 aa C2 DX; SL FLEX LA P xxxW 7yy zzzzST T 72 aa C2 M7;	080-115	80-115	11200-15525	2200	70	140-135
			11840-16560	2700		148-144
			13040-18170	3000		163-158



# CERTIFICATE

No. U6P 097386 0616 Rev. 00

SL FLEX LA P xxxW 7yy zzzzST B 72 aa C2 M7;			14300-18400	4000		165-160
SL FLEX LA P xxxW 7yy zzzzST 2 72 aa C2 M7			14300-18400	5700		165-160
SL FLEX LA P xxxW 7yy zzzzST N 96 aa C2 O1;	085-164	85-164	12750-22960	2200	70	150-140
SL FLEX LA P xxxW 7yy zzzzST N 96 aa C2 SP;						
SL FLEX LA P xxxW 7yy zzzzST 7 96 aa C2 O4;						
SL FLEX LA P xxxW 7yy zzzzST 7 96 aa C2 M5;						
SL FLEX LA P xxxW 7yy zzzzST T 96 aa C2 DX;						
SL FLEX LA P xxxW 7yy zzzzST B 96 aa C2 DX;						
SL FLEX LA P xxxW 7yy zzzzST 2 96 aa C2 DX;						
SL FLEX LA P xxxW 7yy zzzzST T 96 aa C2 M7;						
SL FLEX LA P xxxW 7yy zzzzST B 96 aa C2 M7;						
SL FLEX LA P xxxW 7yy zzzzST 2 96 aa C2 M7						
			13175-24600	2700		155-150
			14365-25420	3000		169-155
			15300-26500	4000		180-162
			15300-26500	5700		180-162

**Tested according to:**

EPRS 003:2018-05  
Based on EN 62722-2-1:2016

**Production Facility(ies):**

101065, 107950

ZERTIFIKAT ◆ CERTIFICATE ◆ 認 證 證 書 ◆ CERTIFICADO ◆ CERTIFICAT