

OVE Austrian Electrotechnical Association
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ENEC Certification Body registered under ID # 11.

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LICENCE

to use the European Mark



Licence No.: **7590-188**

Date of issue: Wien, 2016 04 27
Rev. No.: 17 Wien, 2025 12 10

OVE the Austrian Electrotechnical Association as signatory to the **"Agreement on the use of a commonly agreed Mark of Conformity for certain electrical equipment complying with European Standards"** hereby grants the right to label the products mentioned hereunder and listed in the Annex with the Mark(s) shown above to the following company

Licensee: **Tridonic GmbH & Co KG**
Färbergasse 15
6851 Dornbirn
Austria

Product: **LED modules for general lighting**

Trade Mark: **TRIDONIC**

Series/Type: **RLE ... OTD ...**

Basis for this given right is the conformity of the products with the requirements of the relevant Standard(s) as listed in the Annex and the fulfilment of articles 8 and 9 of the ENEC-Agreement by the manufacturer. This licence refers to the tested specimen and to all products manufactured strictly identical to the submitted one.

This licence has been issued under the presumption and conditional on the fact that the licensee holds all necessary legal rights with regard to the product presented for testing and certification.

Österreichischer Verband für Elektrotechnik
Head of OVE Certification

Digitally signed by T. Neumayer
Email=t.neumayer@ove.at

Dipl.-Ing. T. Neumayer



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<i>Hersteller Manufacturer</i>	Tridonic Jennersdorf Tridonic GmbH & Co KG Technologiepark 10 8380 Jennersdorf Austria
<i>Fertigungsstätte(n) Factory location(s)</i>	ID: 87468
* <i>Typenbezeichnung Type reference</i>	Series RLE ... EXC2 OTD, Series RLE ... EXC2 OTD Z19, Series RLE ... ADV2 OTD, Series RLE ... EXC3 OTD, Series RLE ... 2CH HP HE PRE OTD, Series RLE ... HP HE NTC EXC3 OTD, Series RLE ... HP EXC2 OTD NTC15, Series RLE 2x4 3000lm ... HP EXC3 OTD HER, see pages 4 to 16
* <i>Prüfbericht Test Report</i>	TGM-VA EE 35837b ECS, TGM-VA EE 35837c ECS, TR 66301-0007-01 ECS, TR 66301-0007-01a ECS, TR 66301-0007-01b ECS, TR 66301-0007-01c ECS, TR 66301-0007-01d ECS, TR 66301-0007-01e ECS, TR 66301-0007-01f ECS, TR 66301-0007-01g ECS, TR 66301-0007-01h ECS, TR 66301-0007-01i ECS, TR 66301-0062-01 ECS
<i>Nationale Bestimmung(en) National Standard(s)</i>	OVE EN IEC 62031:2020-09-01 OVE EN IEC 62031/A11:2022-08-01
<i>Europannorm(en) European Standard(s)</i>	EN IEC 62031:2020 EN IEC 62031:2020/A11:2021
* <i>Ersatz für Zertifikat Superseded licence</i>	7590-188 Rev. 16 dated 2025 09 05 Items modified are marked with an asterisk (*)
<i>Anmerkung(en) Remark(s)</i>	--

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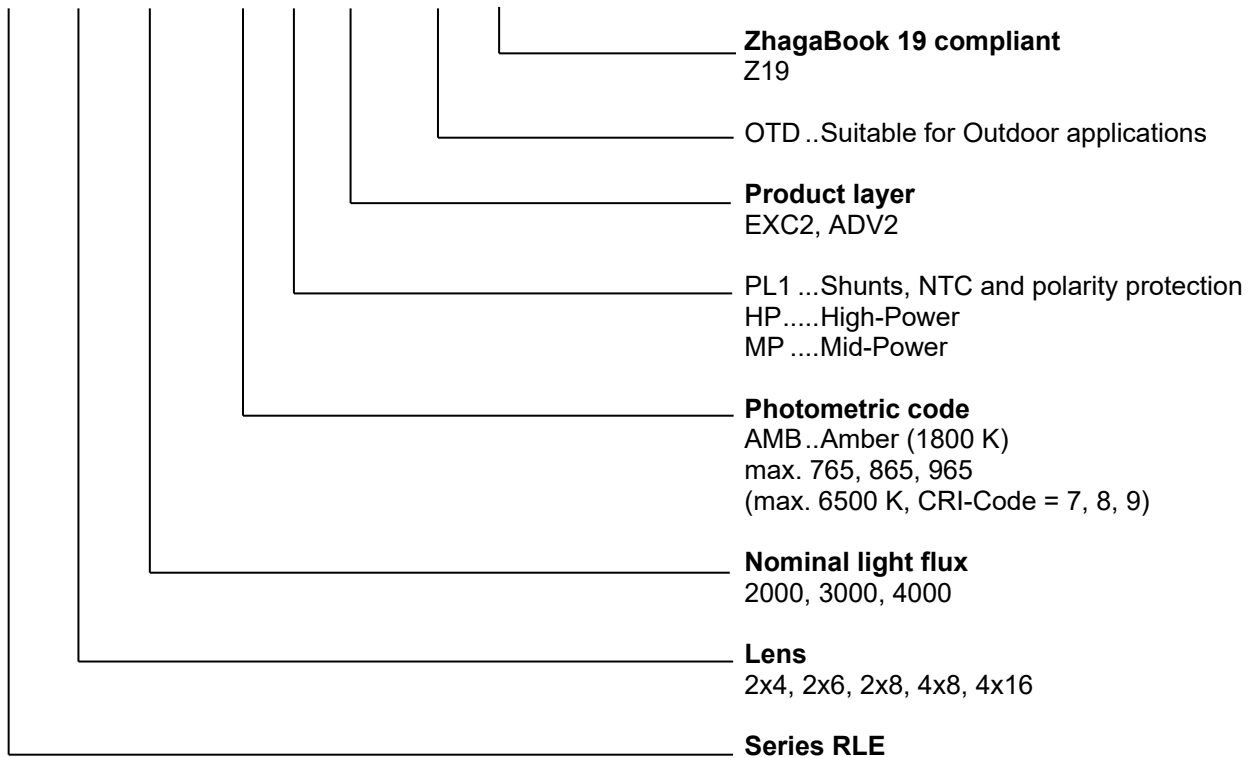
* <i>Bemessungsstrom</i> <i>Rated supply current</i>	see pages 4 to 16
* <i>Nennleistung</i> <i>Rated power</i>	see pages 4 to 16
* <i>Zulässige Arbeitsspannung</i> <i>Working voltage for insulation</i>	see pages 4 to 16
<i>Max. Betriebstemperatur tc</i> <i>Rated max. operating temperature tc</i>	Tc = 95°C for all RLE ... ADV2 OTD, Tc = 105°C for all RLE ... EXC2 OTD, Tc = 105°C for all RLE .. EXC2 OTD Z19, Tc = 100°C for all RLE .. AMB HP EXC2 OTD, Tc = 95°C for all RLE .. HP HE EXC3 OTD ..., Tc = 95°C for all RLE .. 2CH HP HE PRE OTD, Tc = 95°C for all RLE ... HP HE NTC EXC3 OTD Tc = 105°C for all RLE ... HP EXC2 OTD NTC15, Tc = 95°C for all RLE 2x4 3000lm ... HP EXC3 OTD HER
<i>Anschlussart</i> <i>Method of connection</i>	Screwless terminals
<i>Beschreibung des Aufbaus</i> <i>Description of construction</i>	Built-in LED modules for general lighting, constant current type.
* <i>Zusatzinformation</i> <i>Additional information</i>	Classification according EN 62471:2008: see pages 4 to 16.

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Typecode:

RLEIm OTD ...



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Typelist:

TRADEMARK / TYPECODE									
TRIDONIC			Supply current	Forward voltage ¹ (U _F)	Rated power ¹	No. of LEDs	Maximum working voltage for insulation	Threshold illuminance Value E _{thr}	Classification According to EN 62471
Type Reference			[mA]	[V]	[W]		[V]	[lx]	
1	RLE 2x4 2000lm 840 PL1 EXC2 OTD	rated	650	22,4	14,6	8	370	750	RG2
		max	1200	23,3	28,0				
2	RLE 2x4 2000lm 8.. HP EXC2 OTD	rated	650	22,4	14,6	8	370	750	RG2
		max	1200	23,3	28,0				
3	RLE 2x4 2000lm 7.. HP EXC2 OTD	rated	550	22,2	12,2	8	370	750	RG2
		max	1200	23,3	28,0				
4	RLE 2x6 3000lm 8.. HP EXC2 OTD	rated	700	33,7	23,6	12	370	750	RG2
		max	1200	34,9	41,9				
5	RLE 2x6 3000lm 7.. HP EXC2 OTD Z19	rated	700	33,7	23,6	12	370	750	RG2
		max	1200	34,9	41,9				
6	RLE 2x6 3000lm 7.. HP EXC2 OTD	rated	550	33,3	18,3	12	370 ²	670,6	RG2
		max	1200	35,0	42,0		670 ²		
7	RLE 2x8 4000lm 8.. HP EXC2 OTD	rated	650	44,8	29,1	16	390	750	RG2
		max	1200	46,6	55,9				
8	RLE 2x8 4000lm 7.. HP EXC2 OTD	rated	550	44,5	24,5	16	390	750	RG2
		max	1200	46,6	55,9				
9	RLE 4x8 2000lm 8.. MP ADV2 OTD	rated	500	22,2	11,1	32	410	-	RG1
		max	720	22,7	16,4				
10	RLE 4x16 4000lm 8.. MP ADV2 OTD	rated	500	44,3	22,2	64	410	-	RG1
		max	720	45,5	32,8				
11	RLE 2x4 2000lm AMB HP EXC2 OTD	rated	700	23,15	16,20	8	670	-	RG0
		max	1200	24,10	28,96				
12	RLE 2x8 4000lm AMB HP EXC2 OTD	rated	700	46,30	32,41	16	670	-	RG0
		max	1200	48,27	57,93				

¹ Typical values at tp=75°C

² Working voltage for insulation: 370VDC mounted with M3 screws
..... 670VDC mounted with M3 screws and lens

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Typelist:

(types with [V2] marking)

TRADEMARK / TYPECODE			Supply current	Forward voltage (UF) ¹	Rated power ¹	No. of LEDs	Maximum working voltage for insulation	Threshold illuminance Value E _{thr}	Classification According to EN 62471
TRIDONIC									
	Type Reference		[mA]	[V]	[W]		[V]	[lx]	
*	1 RLE 4x16 4000lm ... MP ADV2 OTD	rated	500	42,9	21,47	64	410 ²	-	RG1
		max	720	43,8	31,51				
*	2 RLE 4x8 2000lm ... MP ADV2 OTD	rated	500	21,5	10,74	32	410 ²	-	RG1
		max	720	21,9	15,75				

¹ Typical values at tp=75°C

² Working voltage for insulation: 410V DC mounted with M3 screws
 570V DC mounted with M3 screws and lens

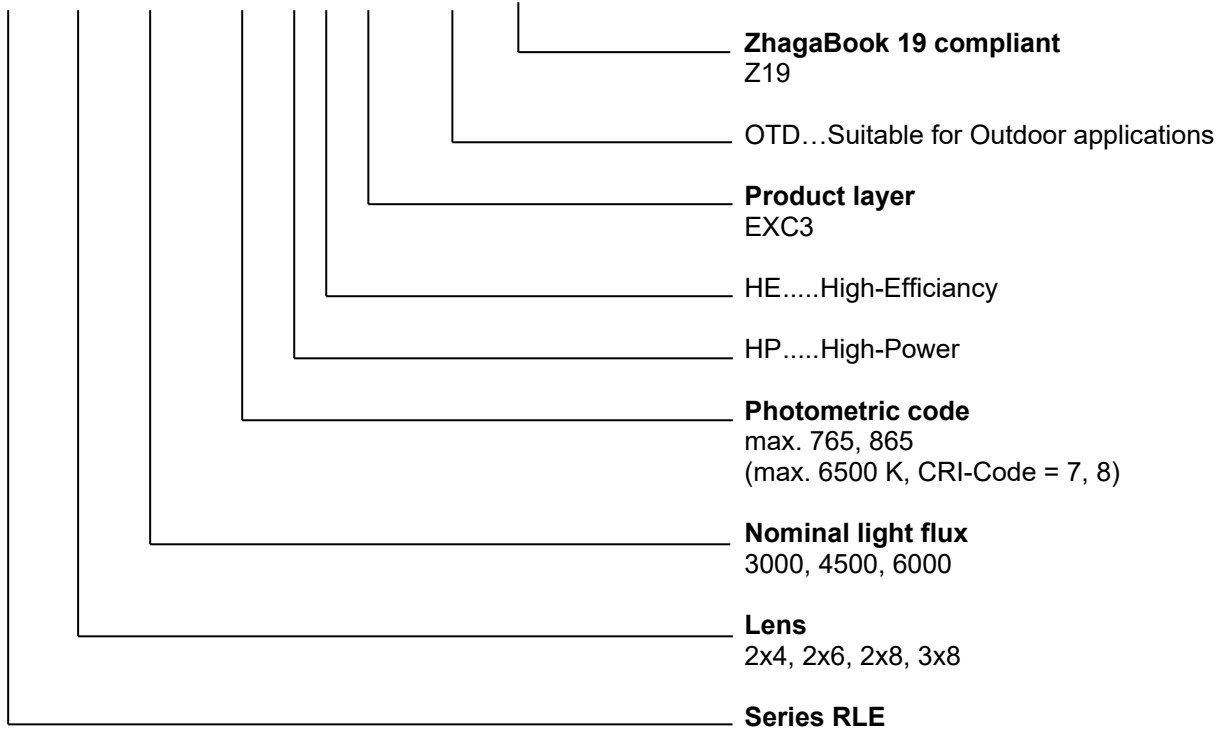
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Typecode:

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Typelist:

TRADEMARK / TYPECODE			Supply current	Forward voltage ³ (UF)	Rated power ³	No. of LEDs	Maximum working voltage for insulation	Threshold illuminance Value E _{thr}	Classification According to EN 62471
TRIDONIC									
	Type Reference		[mA]	[V]	[W]		[V]	[lx]	
1	RLE 2x4 3000lm ... HP HE EXC3 OTD	rated	700	22,6	15,9	8	670	1050	RG2
		max	1800	25,2	45,3				
2	RLE 2x8 6000lm ... HP HE EXC3 OTD	rated	700	45,3	31,7	16	670	1050	RG2
		max	1800	50,4	90,7				
3	RLE 2x6 4500lm ... HP HE EXC3 OTD	rated	700	34	23,8	12	670	1050	RG2
		max	1800	37,8	68				
4	RLE 2x6 4500lm ... HP HE EXC3 OTD Z19	rated	700	34	23,8	12	670	1050	RG2
		max	1800	37,8	68				
5	RLE 3x8 6000lm ... HP HE EXC3 OTD	rated	700	44	30,8	24	350	1050	RG2
		max	1800	47,5	85,5				

Typelist:

(types with [V2] marking)

TRADEMARK / TYPECODE			Supply current	Forward voltage ³ (UF)	Rated power ³	No. of LEDs	Maximum working voltage for insulation	Threshold illuminance Value E _{thr}	Classification According to EN 62471
TRIDONIC									
	Type Reference		[mA]	[V]	[W]		[V]	[lx]	
3	RLE 2x4 3000lm ... HP HE EXC3 OTD	rated	700	22,6	15,8	8	670	1055	RG2
		max	1800	25,2	45,3				
4	RLE 2x8 6000lm ... HP HE EXC3 OTD	rated	700	45,2	31,6	16	670	1055	RG2
		max	1800	50,3	90,6				
5	RLE 2x6 4500lm ... HP HE EXC3 OTD	rated	700	33,9	23,7	12	670	1055	RG2
		max	1800	37,7	67,9				
6	RLE 2x6 4500lm ... HP HE EXC3 OTD Z19	rated	700	33,9	23,7	12	670	1055	RG2
		max	1800	37,7	67,9				
7	RLE 3x8 6000lm ... HP HE EXC3 OTD	rated	700	43,9	30,8	24	350	1055	RG2
		max	1800	47,6	85,7				

³ Typical values at tp=95°C

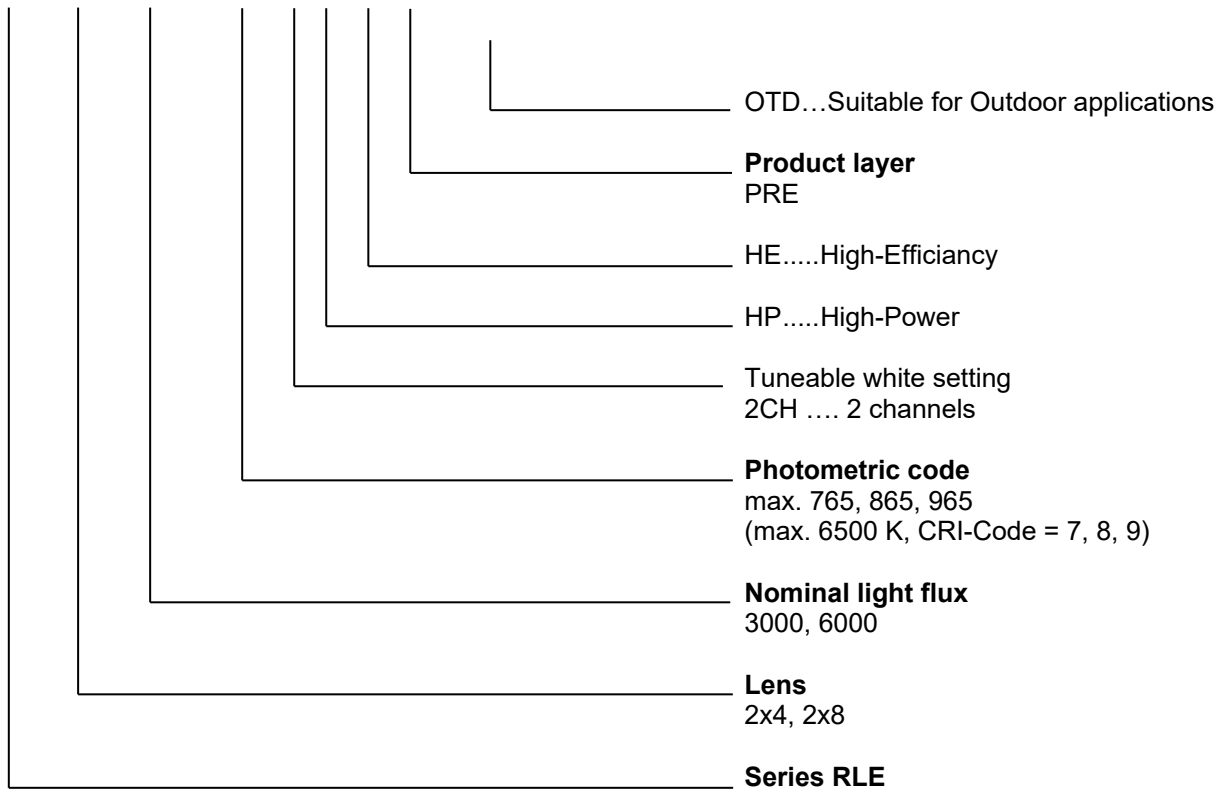
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Typecode:

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Typelist:

TRADEMARK / TYPECODE									
TRIDONIC			Supply current	Forward voltage ⁴ (U _F)	Rated power ⁴	No. of LEDs	Maximum working voltage for insulation	Threshold illuminance Value E _{thr}	Classification According to EN 62471
		Type Reference	[mA]	[V]	[W]	[V]	[lx]		
1	RLE 2x4 3000lm 2CH HP HE PRE OTD	rated	350	22,72	7,95	8	670	1050	RG2
		max	900	25,27	22,74				
2	RLE 2x8 6000lm 2CH HP HE PRE OTD	rated	350	45,45	15,91	16	670	1050	RG2
		max	900	50,54	45,49				

Typelist:

(types with [V2] marking)

TRADEMARK / TYPECODE									
TRIDONIC			Supply current	Forward voltage ⁴ (U _F)	Rated power ⁴	No. of LEDs	Maximum working voltage for insulation	Threshold illuminance Value E _{thr}	Classification According to EN 62471
		Type Reference	[mA]	[V]	[W]	[V]	[lx]		
1	RLE 2x4 3000lm 2CH HP HE PRE OTD	rated	350	22,6	7,9	8	670	1055	RG2
		max	900	25,2	22,6				
2	RLE 2x8 6000lm 2CH HP HE PRE OTD	rated	350	45,2	15,8	16	670	1055	RG2
		max	900	50,3	45,3				

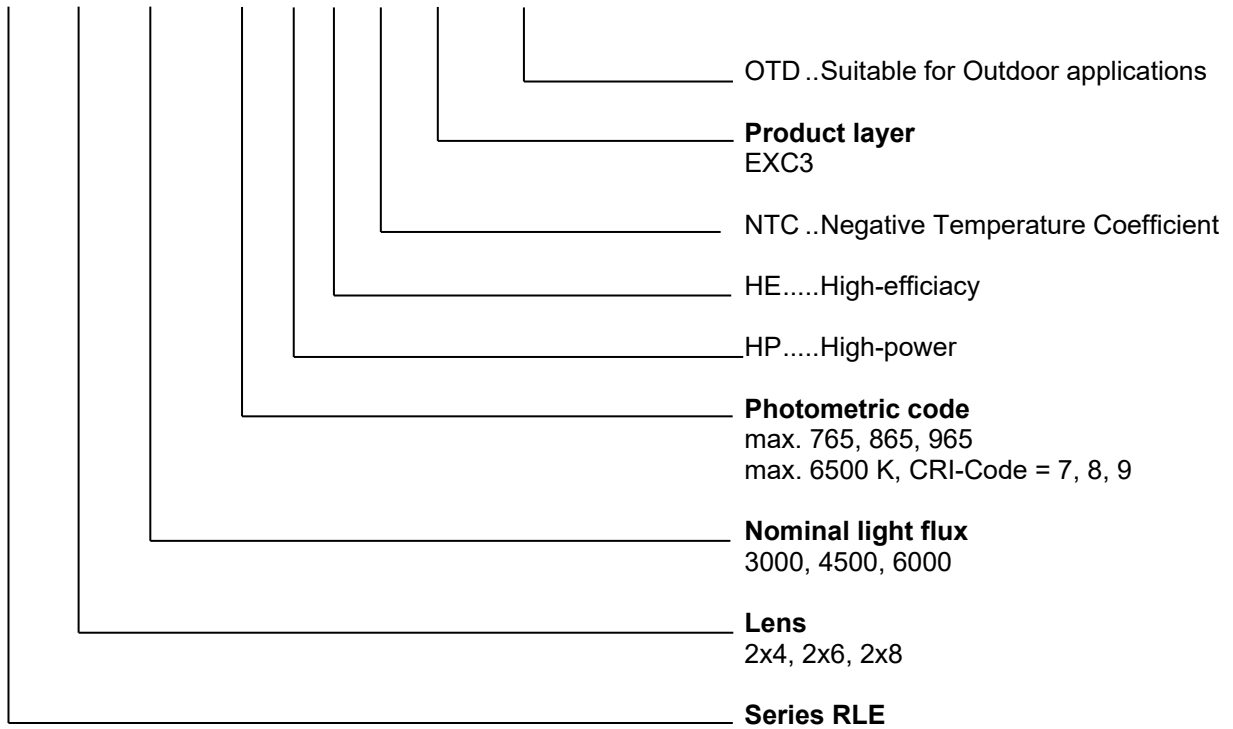
⁴ Typical values at tp=95°C

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Typelist:

TRADEMARK / TYPECODE									
TRIDONIC			Supply current	Forward voltage ⁵ (U _F)	Rated power ⁵	No. of LEDs	Maximum working voltage for insulation	Threshold illuminance Value E _{thr}	Classification According to EN 62471
		Type Reference	[mA]	[V]	[W]	[V]	[lx]		
1	RLE 2x4 3000lm ... HP HE NTC EXC3 OTD	rated	700	22,6	15,9	8	670	1050	RG2
		max	1800	25,2	45,3				
2	RLE 2x6 4500lm ... HP HE NTC EXC3 OTD	rated	700	34	23,8	12	670	1050	RG2
		max	1800	37,8	68				
3	RLE 2x8 6000lm ... HP HE NTC EXC3 OTD	rated	700	45,3	31,7	16	670	1050	RG2
		max	1800	50,4	90,7				

Typelist:

(types with [V2] marking)

TRADEMARK / TYPECODE									
TRIDONIC			Supply current	Forward voltage ⁵ (U _F)	Rated power ⁵	No. of LEDs	Maximum working voltage for insulation	Threshold illuminance Value E _{thr}	Classification According to EN 62471
		Type Reference	[mA]	[V]	[W]	[V]	[lx]		
1	RLE 2x4 3000lm ... HP HE NTC EXC3 OTD	rated	700	22,6	15,8	8	670	1055	RG2
		max	1800	25,2	45,3				
2	RLE 2x6 4500lm ... HP HE NTC EXC3 OTD	rated	700	33,9	23,7	12	670	1055	RG2
		max	1800	37,7	67,9				
3	RLE 2x8 6000lm ... HP HE NTC EXC3 OTD	rated	700	45,2	31,6	16	670	1055	RG2
		max	1800	50,3	90,6				

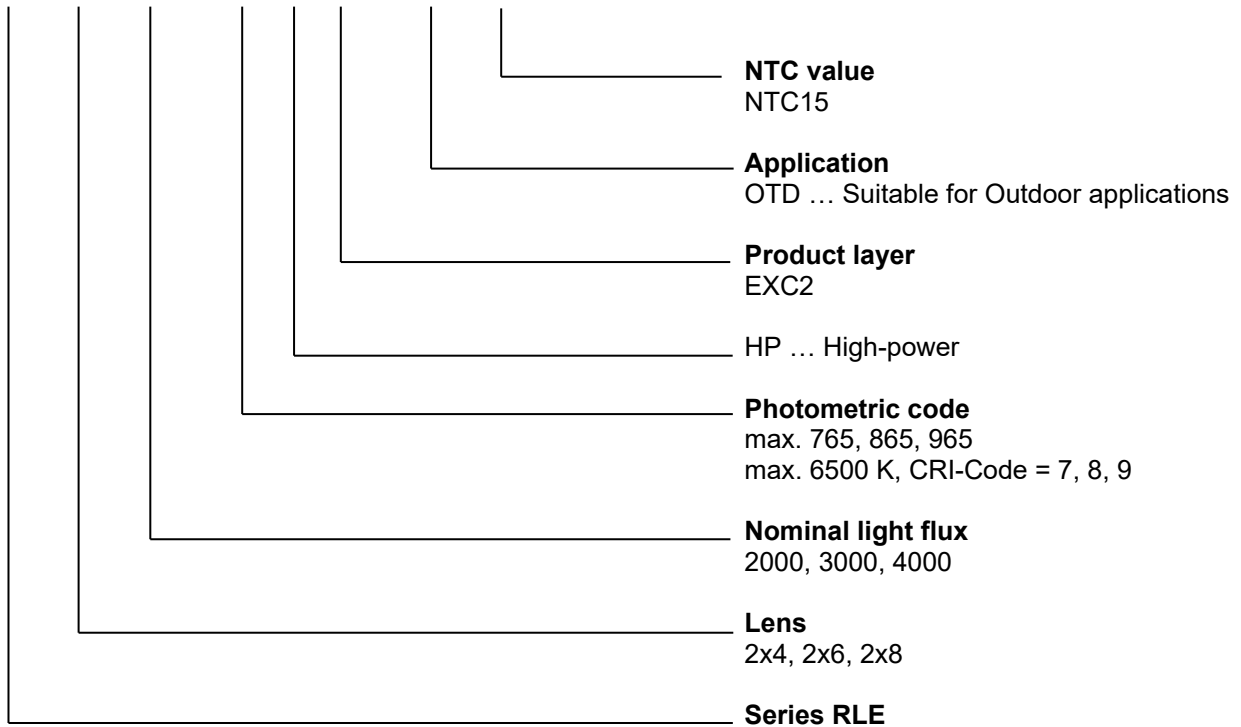
⁵ Typical values at tp=75°C

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Typecode:

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Typelist:

TRADEMARK / TYPECODE									
TRIDONIC			Supply current	Forward voltage ⁶ (U _F)	Rated power ⁶	No. of LEDs	Maximum working voltage for insulation	Threshold illuminance Value E _{thr}	Classification According to EN 62471
	Type Reference		[mA]	[V]	[W]		[V]	[lx]	
1	RLE 2x4 2000lm ... HP EXC2 OTD NTC15	rated	550	22,2	12,2	8	670 ⁷	670,6	RG2
		max	1200	23,3	28,0				
2	RLE 2x8 4000lm ... HP EXC2 OTD NTC15	rated	550	44,5	24,5	16	670 ⁷	670,6	RG2
		max	1200	46,6	55,9				
3	RLE 2x6 3000lm ... HP EXC2 OTD NTC15	rated	550	33,3	18,3	12	670 ⁷	670,6	RG2
		max	1200	35,0	42,0				

⁶ Typical values at tp=75°C

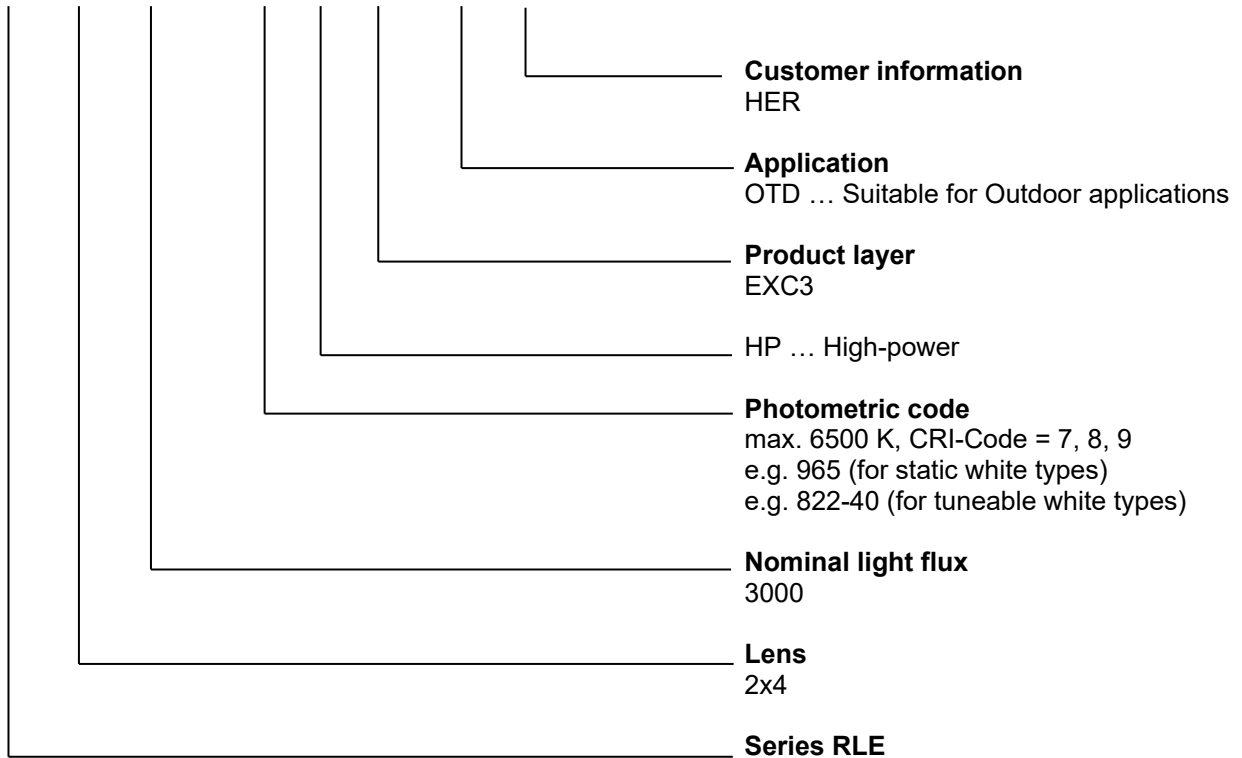
⁷ Working voltage for insulation: 670V DC mounted with M3 screws and lens

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Typelist:

TRADEMARK / TYPECODE									
TRIDONIC			Supply current	Forward voltage (U _F)	Rated power ⁸	No. of LEDs	Maximum working voltage for insulation	Threshold illuminance Value E _{thr}	Classification According to EN 62471
	Type Reference		[mA]	[V]	[W]		[V]	[lx]	
1	RLE 2x4 3000lm ... HP EXC3 OTD HER	rated	700	22,6	15,8	8	350	1055	RG2
		max	1500	24,5	36,7				
2	RLE 2x4 3000lm HP EXC3 OTD HER	rated	700 ⁸	24,3	17,0	8	350	1055	RG2
		max	900 ⁸	25,2	22,6				

⁸ 2 x I_{rated}/I_{max}

⁹ Typical values at t_p=75°C

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