



FLAT POLYMERO® KREIS

Ceiling and wall luminaires

- Comprehensive range consisting of:

- Pendant luminaires
- Ceiling luminaires
- Wall luminaires

- Can be used indoors or outdoors, depending on the type of protection

- Available in different diameters

- Depending on the version, high-quality polycarbonate or acrylic glass (PMMA) are available as diffusers

- Individual design possible with foil print

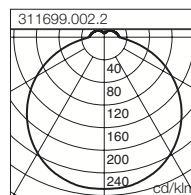
- Two different light colours 830 and 840

- On/Off with integrated phase cut dimming

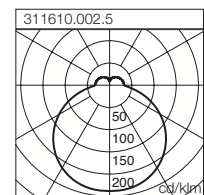


Further luminaires of this series, see:
Indoor lighting | Pendant luminaires
Emergency lighting

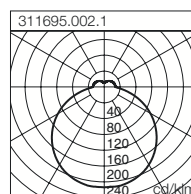
311699.002.2		
Floor 12 x 2,5 x 3m (0,2m)		
100 lx	150 lx	200 lx
1	1	2
Room 6 x 4 x 3 m (0,75 m)		
200 lx	300 lx	500 lx
1	2	3



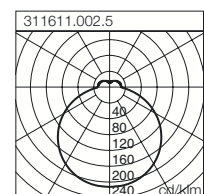
311610.002.5		
Floor 12 x 2,5 x 3m (0,2m)		
100 lx	150 lx	200 lx
5	7	10
Room 6 x 4 x 3 m (0,75 m)		
200 lx	300 lx	500 lx
7	10	17



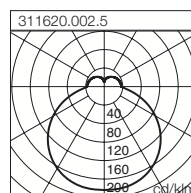
311695.002.1		
Floor 12 x 2,5 x 3m (0,2m)		
100 lx	150 lx	200 lx
1	1	2
Room 6 x 4 x 3 m (0,75 m)		
200 lx	300 lx	500 lx
1	2	3



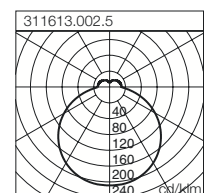
311611.002.5		
Floor 12 x 2,5 x 3m (0,2m)		
100 lx	150 lx	200 lx
4	6	7
Room 6 x 4 x 3 m (0,75 m)		
200 lx	300 lx	500 lx
5	8	13



311620.002.5		
Floor 12 x 2,5 x 3m (0,2m)		
100 lx	150 lx	200 lx
5	8	10
Room 6 x 4 x 3 m (0,75 m)		
200 lx	300 lx	500 lx
7	11	18



311613.002.5		
Floor 12 x 2,5 x 3m (0,2m)		
100 lx	150 lx	200 lx
3	5	6
Room 6 x 4 x 3 m (0,75 m)		
200 lx	300 lx	500 lx
4	6	10



Ceiling and wall luminaires | Series: Flat Polymero® Kreis XXL

 Type of Protection: **IP 40**

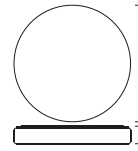
Protection Class: I

Impact Protection: IK07 (PMMA), IK10 (polycarbonate)

Base: metal, powder-coated. Diffuser: plastic (PMMA), opal or plastic (polycarbonate, ball impact proof in accordance with DIN 18032-3), opal. Diffuser fastening: sash lock.

LED included.

Available colour: 2 = white



Reference number	Dimensions	Lamp	Light colour	Luminaire flux	System power	dimmable	EEC
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Ceiling and wall luminaires
Price Category 21
Diffuser: plastic (PMMA) D 1040 mm

311695.002	D 1040, H 150	LED	830	9650 lm	100 W	on/off	A++ A++
311695.002.76	D 1040, H 150	LED	830	9650 lm	100 W	DALI	A++ A++
311695.002.1	D 1040, H 150	LED	840	10500 lm	100 W	on/off	A++ A++
311695.002.1.76	D 1040, H 150	LED	840	10500 lm	100 W	DALI	A++ A++


Diffuser: plastic (polycarbonate) D 1040 mm, ball impact proof in accordance with DIN 18032-03

311695.002.2	D 1040, H 150	LED	830	10500 lm	100 W	on/off	A++ A++
311695.002.2.76	D 1040, H 150	LED	830	10500 lm	100 W	DALI	A++ A++
311695.002.3	D 1040, H 150	LED	840	11400 lm	100 W	on/off	A++ A++
311695.002.3.76	D 1040, H 150	LED	840	11400 lm	100 W	DALI	A++ A++

Replacement diffusers
Price Category 13

08-311292.002	D 1040, H 150	Plastic (PMMA)
08-311292.012	D 1040, H 150	Plastic (polycarbonate)

Ceiling and wall luminaires | Series: Flat Polymero® Sensation Kreis

 Type of Protection: **IP 44**

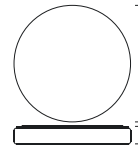
Protection Class: I

Impact Protection: IK07 (PMMA), IK10 (polycarbonate)

Base: metal, powder-coated. Diffuser: plastic (PMMA), opal or plastic (polycarbonate, ball impact proof in accordance with DIN 18032-3), opal. Diffuser fastening: sash lock.

LED included.

Available colour: 2 = white



Reference number	Dimensions	Lamp	Light colour	Luminaire flux	System power	dimmable	EEC
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Ceiling and wall luminaires
Price Category 21
Diffuser: plastic (PMMA) D 1040 mm

311699.002	D 1040, H 150	LED	830	9650 lm	100 W	on/off	A++ A++
311699.002.76	D 1040, H 150	LED	830	9650 lm	100 W	DALI	A++ A++
311699.002.1	D 1040, H 150	LED	840	10500 lm	100 W	on/off	A++ A++
311699.002.1.76	D 1040, H 150	LED	840	10500 lm	100 W	DALI	A++ A++


Diffuser: plastic (polycarbonate) D 1040 mm, ball impact proof in accordance with DIN 18032-03

311699.002.2	D 1040, H 150	LED	830	10500 lm	100 W	on/off	A++ A++
311699.002.2.76	D 1040, H 150	LED	830	10500 lm	100 W	DALI	A++ A++
311699.002.3	D 1040, H 150	LED	840	11400 lm	100 W	on/off	A++ A++
311699.002.3.76	D 1040, H 150	LED	840	11400 lm	100 W	DALI	A++ A++

Replacement diffusers
Price Category 13

08-311292.002	D 1040, H 150	Plastic (PMMA)
08-311292.012	D 1040, H 150	Plastic (polycarbonate)



Ceiling and wall luminaires | Series: Flat Polymero® Kreis

Type of Protection: **IP 40**

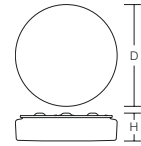
Protection Class: **I**

Impact Protection: **IK03 (PMMA)**

Base: metal, powder-coated. Diffuser: plastic (PMMA), opal, or plastic (polycarbonate), opal and shockproof. Diffuser fastening: patented push system.

LED included.

Available colour: 2 = white



Comparison LED vs. conventional lamps

LED 10 / 13,5 W ≈
1 x 26 W TC-D (34 W CB)

LED 14 W ≈
2 x 18 W TC-D (52 W CB)

LED 19 / 21 W ≈
2 x 26 W TC-D (68 W CB)

LED 24 / 27 W ≈
3 x 18 W TC-D (78 W CB)

LED 33 W ≈
3 x 26 W TC-D (102 W CB)

DALI **Touch DIM Sensor** Applies to versions with **.76**

Reference number	Dimensions	Lamp	Light colour	Luminaire flux	System power	dim-able	EB	EEC
Ceiling and wall luminaires								
Diffuser: plastic (PMMA)								
Diameter D 300 mm								
311619.002.7	D 300, H 80	LED	830	1050 lm	10 W	on/off		A++ A++
311619.002.7.76	D 300, H 80	LED	830	1050 lm	10 W	DALI		A++ A++
311619.002.5	D 300, H 80	LED	840	1050 lm	10 W	on/off		A++ A++
311619.002.5.76	D 300, H 80	LED	840	1050 lm	10 W	DALI		A++ A++
311949.002.1 *	D 300, H 80	LED ⁽¹⁾	830	1200 lm	13,5 W	on/off		A+ A+
311949.002.1.76	D 300, H 80	LED ⁽¹⁾	830	1200 lm	13,5 W	DALI		A+ A+
311949.002.3 *	D 300, H 80	LED ⁽¹⁾	840	1250 lm	13,5 W	on/off		A+ A+
311949.002.3.76	D 300, H 80	LED ⁽¹⁾	840	1250 lm	13,5 W	DALI		A+ A+
311620.002.7	D 300, H 80	LED	830	1500 lm	14 W	on/off		A++ A++
311620.002.7.76	D 300, H 80	LED	830	1500 lm	14 W	DALI		A++ A++
311620.002.5	D 300, H 80	LED	840	1500 lm	14 W	on/off		A++ A++
311620.002.5.76	D 300, H 80	LED	840	1500 lm	14 W	DALI		A++ A++
Diameter D 360 mm								
311950.002.1 *	D 360, H 87	LED ⁽¹⁾	830	1200 lm	13,5 W	on/off		A+ A+
311950.002.1.76	D 360, H 87	LED ⁽¹⁾	830	1200 lm	13,5 W	DALI		A+ A+
311950.002.3 *	D 360, H 87	LED ⁽¹⁾	840	1250 lm	13,5 W	on/off		A+ A+
311950.002.3.76	D 360, H 87	LED ⁽¹⁾	840	1250 lm	13,5 W	DALI		A+ A+
311610.002.7	D 360, H 87	LED	830	1600 lm	14 W	on/off	✓	A++ A++
311610.002.7.76	D 360, H 87	LED	830	1600 lm	14 W	DALI		A++ A++
311610.002.5.Q	D 360, H 87	LED	840	1600 lm	14 W	on/off	✓	A++ A++
311610.002.5.76	D 360, H 87	LED	840	1600 lm	14 W	DALI		A++ A++
311951.002.1 *	D 360, H 87	LED ⁽¹⁾	830	2000 lm	21 W	on/off		A+ A+
311951.002.1.76	D 360, H 87	LED ⁽¹⁾	830	2000 lm	21 W	DALI		A+ A+
311951.002.3 *	D 360, H 87	LED ⁽¹⁾	840	2050 lm	21 W	on/off		A+ A+
311951.002.3.76	D 360, H 87	LED ⁽¹⁾	840	2050 lm	21 W	DALI		A+ A+
Diameter D 460 mm								
311611.002.7.Q	D 460, H 93	LED	830	2100 lm	19 W	on/off	✓	A++ A++
311611.002.7.76	D 460, H 93	LED	830	2100 lm	19 W	DALI		A++ A++
311611.002.5	D 460, H 93	LED	840	2100 lm	19 W	on/off	✓	A++ A++
311611.002.5.76	D 460, H 93	LED	840	2100 lm	19 W	DALI		A++ A++
311952.002.1 *	D 460, H 93	LED ⁽¹⁾	830	1900 lm	21 W	on/off		A+ A+
311952.002.1.76	D 460, H 93	LED ⁽¹⁾	830	1900 lm	21 W	DALI		A+ A+
311952.002.3 *	D 460, H 93	LED ⁽¹⁾	840	1950 lm	21 W	on/off		A+ A+
311952.002.3.76	D 460, H 93	LED ⁽¹⁾	840	1950 lm	21 W	DALI		A+ A+
312242.002.1 *	D 460, H 93	LED ⁽¹⁾	830	2800 lm	27 W	on/off		A+ A+
312242.002.3 *	D 460, H 93	LED ⁽¹⁾	840	2900 lm	27 W	on/off		A+ A+
Diameter D 515 mm								
311613.002.7	D 515, H 98	LED	830	2600 lm	24 W	on/off		A++ A++
311613.002.7.76	D 515, H 98	LED	830	2600 lm	24 W	DALI		A++ A++
311613.002.5	D 515, H 98	LED	840	2600 lm	24 W	on/off		A++ A++
311613.002.5.76	D 515, H 98	LED	840	2600 lm	24 W	DALI		A++ A++
312088.002.3	D 515, H 98	LED ⁽¹⁾	840	3200 lm	33 W	on/off		A+ A+
312088.002.1	D 515, H 98	LED ⁽¹⁾	830	3200 lm	33 W	on/off		A+ A+

* With integrated phase cut dimming

Replacement diffusers			Price Category 13
08-311616.002	D 300, H 75	Plastic (PMMA)	
08-311595.002	D 360, H 81	Plastic (PMMA)	
08-311600.002	D 460, H 88	Plastic (PMMA)	
08-311604.002	D 515, H 93	Plastic (PMMA)	

Reference number	Dimensions	Lamp	Light colour	Luminaire flux	System power	dimmable	EEC
Ceiling and wall luminaires							
Price Category 11							
Diffuser: plastic (polycarbonate)							
Diameter D 300 mm							
311619.002.8	D 300, H 80	LED	830	1100 lm	10 W	on/off	A++ A++
311619.002.8.76	D 300, H 80	LED	830	1100 lm	10 W	DALI	A++ A++
311619.002.6	D 300, H 80	LED	840	1100 lm	10 W	on/off	A++ A++
311619.002.6.76	D 300, H 80	LED	840	1100 lm	10 W	DALI	A++ A++
311949.002.2 *	D 300, H 80	LED ⁽¹⁾	830	1200 lm	13,5 W	on/off	A+ A+
311949.002.2.76	D 300, H 80	LED ⁽¹⁾	830	1200 lm	13,5 W	DALI	A+ A+
311949.002.4 *	D 300, H 80	LED ⁽¹⁾	840	1300 lm	13,5 W	on/off	A+ A+
311949.002.4.76	D 300, H 80	LED ⁽¹⁾	840	1300 lm	13,5 W	DALI	A+ A+
311620.002.8	D 300, H 80	LED	830	1550 lm	14 W	on/off	A++ A++
311620.002.8.76	D 300, H 80	LED	830	1550 lm	14 W	DALI	A++ A++
311620.002.6	D 300, H 80	LED	840	1550 lm	14 W	on/off	A++ A++
311620.002.6.76	D 300, H 80	LED	840	1550 lm	14 W	DALI	A++ A++
Diameter D 360 mm							
311950.002.2 *	D 360, H 87	LED ⁽¹⁾	830	1250 lm	13,5 W	on/off	A+ A+
311950.002.2.76	D 360, H 87	LED ⁽¹⁾	830	1250 lm	13,5 W	DALI	A+ A+
311950.002.4 *	D 360, H 87	LED ⁽¹⁾	840	1300 lm	13,5 W	on/off	A+ A+
311950.002.4.76	D 360, H 87	LED ⁽¹⁾	840	1300 lm	13,5 W	DALI	A+ A+
311610.002.8	D 360, H 87	LED	830	1650 lm	14 W	on/off	A++ A++
311610.002.8.76	D 360, H 87	LED	830	1650 lm	14 W	DALI	A++ A++
311610.002.6	D 360, H 87	LED	840	1650 lm	14 W	on/off	A++ A++
311610.002.6.76	D 360, H 87	LED	840	1650 lm	14 W	DALI	A++ A++
311951.002.2 *	D 360, H 87	LED ⁽¹⁾	830	2050 lm	21 W	on/off	A+ A+
311951.002.2.76	D 360, H 87	LED ⁽¹⁾	830	2050 lm	21 W	DALI	A+ A+
311951.002.4 *	D 360, H 87	LED ⁽¹⁾	840	2100 lm	21 W	on/off	A+ A+
311951.002.4.76	D 360, H 87	LED ⁽¹⁾	840	2100 lm	21 W	DALI	A+ A+
Diameter D 460 mm							
311611.002.8	D 460, H 93	LED	830	2150 lm	19 W	on/off	A++ A++
311611.002.8.76	D 460, H 93	LED	830	2150 lm	19 W	DALI	A++ A++
311611.002.6	D 460, H 93	LED	840	2150 lm	19 W	on/off	A++ A++
311611.002.6.76	D 460, H 93	LED	840	2150 lm	19 W	DALI	A++ A++
311952.002.2 *	D 460, H 93	LED ⁽¹⁾	830	2000 lm	21 W	on/off	A+ A+
311952.002.2.76	D 460, H 93	LED ⁽¹⁾	830	2000 lm	21 W	DALI	A+ A+
311952.002.4 *	D 460, H 93	LED ⁽¹⁾	840	2100 lm	21 W	on/off	A+ A+
311952.002.4.76	D 460, H 93	LED ⁽¹⁾	840	2100 lm	21 W	DALI	A+ A+
312242.002.2 *	D 460, H 93	LED ⁽¹⁾	830	3000 lm	27 W	on/off	A+ A+
312242.002.4 *	D 460, H 93	LED ⁽¹⁾	840	3100 lm	27 W	on/off	A+ A+
Diameter D 515 mm							
311613.002.8	D 515, H 98	LED	830	2700 lm	24 W	on/off	A++ A++
311613.002.8.76	D 515, H 98	LED	830	2700 lm	24 W	DALI	A++ A++
311613.002.6	D 515, H 98	LED	840	2700 lm	24 W	on/off	A++ A++
311613.002.6.76	D 515, H 98	LED	840	2700 lm	24 W	DALI	A++ A++
312088.002.2	D 515, H 98	LED ⁽¹⁾	830	3400 lm	33 W	on/off	A+ A+
312088.002.4	D 515, H 98	LED ⁽¹⁾	840	3400 lm	33 W	on/off	A+ A+

* With integrated phase cut dimming

Replacement diffusers			Price Category 13
08-311616.012	D 300, H 75	Plastic (polycarbonate)	
08-311595.012	D 360, H 81	Plastic (polycarbonate)	
08-311600.012	D 460, H 87	Plastic (polycarbonate)	
08-311604.012	D 515, H 92	Plastic (polycarbonate)	



With individual LEDs and separate converter - ideal for use in emergency lighting modules
LED rated life 50,000 hrs (L80, B10)



LED ⁽¹⁾ = with mains voltage boards also available for DALI control and with movement sensor (master and slave)
LED rated life 50,000 hrs (L70, B10)



Comparison LED vs. conventional lamps

LED 10 / 13,5 W ≈
1 x 26 W TC-D (34 W CB)

LED 14 W ≈
2 x 18 W TC-D (52 W CB)

LED 19 / 21 W ≈
2 x 26 W TC-D (68 W CB)

LED 24 / 27 W ≈
3 x 18 W TC-D (78 W CB)

LED 33 W ≈
3 x 26 W TC-D (102 W CB)



**Comparison
LED vs. conventional lamps**

LED 14 W ≈
2 x 18 W TC-D (52 W CB)

LED 19 W ≈
2 x 26 W TC-D (68 W CB)

Ceiling and wall luminaires | Series: Flat Polymero® Kreis

Type of Protection: **IP 40**

Protection Class: I

Impact Protection: IK03 (PMMA), IK10 (polycarbonate)

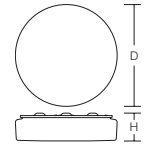
Base: metal, powder-coated. Diffuser: plastic (PMMA), opal, or plastic (polycarbonate), opal and shockproof. Diffuser fastening: patented push system. With movement sensor.

LED included.

Functional parameters of the movement sensor installed on a ceiling at a height of max. 4 m or on a wall at a height of approx. 2.7 m:

- HF detector 5.8 GHz ISM frequency band
- Sensitivity/Range: 1-8 m in diameter (20-100%), adjustable
- Time control between 10 seconds and 30 minutes, adjustable
- Detection angle: 120°
- Can be used as master luminaire up to 800 W (ohmic load) 500 W (fluorescent lamp, LED) / 400 A, 200 µs
- Suitable for outdoor use to a limited extent only, as it is sensitive to all movements.

Available colour: 2 = white



Reference number	Dimensions	Lamp	Light colour	Luminaire flux	System power	dim-able	EEC
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Ceiling and wall luminaires with integrated movement sensor

Price Category 11

Diffuser: plastic (PMMA)

Diameter D 300 mm

311620.002.7.19	D 300, H 80	LED	830	1500 lm	14 W	on/off	A++ A++
311620.002.5.19	D 300, H 80	LED	840	1500 lm	14 W	on/off	A++ A++

Diameter D 360 mm

311610.002.7.19	D 360, H 87	LED	830	1600 lm	14 W	on/off	A++ A++
311610.002.5.19	D 360, H 87	LED	840	1600 lm	14 W	on/off	A++ A++

Diameter D 460 mm

311611.002.7.19	D 460, H 93	LED	830	2100 lm	19 W	on/off	A++ A++
311611.002.5.19	D 460, H 93	LED	840	2100 lm	19 W	on/off	A++ A++

Diameter D 515 mm

311612.002.7.19	D 515, H 98	LED	830	2150 lm	19 W	on/off	A++ A++
311612.002.5.19	D 515, H 98	LED	840	2150 lm	19 W	on/off	A++ A++



Diffuser: plastic (polycarbonate)

Diameter D 300 mm

311620.002.8.19	D 300, H 80	LED	830	1550 lm	14 W	on/off	A++ A++
311620.002.6.19	D 300, H 80	LED	840	1550 lm	14 W	on/off	A++ A++

Diameter D 360 mm

311610.002.8.19	D 360, H 87	LED	830	1650 lm	14 W	on/off	A++ A++
311610.002.6.19	D 360, H 87	LED	840	1650 lm	14 W	on/off	A++ A++

Diameter D 460 mm

311611.002.8.19	D 460, H 93	LED	830	2150 lm	19 W	on/off	A++ A++
311611.002.6.19	D 460, H 93	LED	840	2150 lm	19 W	on/off	A++ A++

Diameter D 515 mm

311612.002.8.19	D 515, H 98	LED	830	2200 lm	19 W	on/off	A++ A++
311612.002.6.19	D 515, H 98	LED	840	2200 lm	19 W	on/off	A++ A++



Replacement diffusers

Price Category 13

08-311616.002	D 300, H 75	Plastic (PMMA)
08-311616.012	D 300, H 75	Plastic (polycarbonate)
08-311595.002	D 360, H 81	Plastic (PMMA)
08-311595.012	D 360, H 81	Plastic (polycarbonate)
08-311600.012	D 460, H 87	Plastic (polycarbonate)
08-311600.002	D 460, H 88	Plastic (PMMA)
08-311604.012	D 515, H 92	Plastic (polycarbonate)
08-311604.002	D 515, H 93	Plastic (PMMA)

Ceiling and wall luminaires | Series: Flat Polymero® Kreis

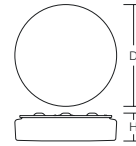
Type of Protection: IP 40

Protection Class: I

Impact Protection: IK03 (PMMA), IK10 (polycarbonate)

Base: metal, powder-coated. Diffuser: plastic (PMMA), opal, or plastic (polycarbonate), opal and shockproof. Diffuser fastening: patented push system. With movement sensor.

LED included.



Functional parameters of a master luminaire with a ceiling height of approx. 2.8 m:

- HF detector 24 GHz with integrated Corridor function
- Detection range approx. 130° radial
- Easy adjustment of functions via 3 associated push button switches
- Sensitivity/Range 0.5 - 5 m radial, adjustable from 10-100%
- Time control 1 second to 15 minutes in 8 different levels
- Daylight detection with 5 brightness levels and learning mode
- Up to 9 slave luminaires can be operated with one master luminaire (max. up to 150 W / 230 W)
- Suitable for outdoor use to a limited extent only, as it is sensitive to all movements.

Available colour: 2 = white

Reference number	Dimensions	Lamp	Light colour	Luminaire flux	System power	dim-able	EEC
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Ceiling and wall luminaires with integrated movement sensor

Price Category 11

Diffuser: plastic (PMMA)

Diameter D 300 mm

311949.002.1.19	D 300, H 80	LED ⁽¹⁾	830	1200 lm	13,5 W	Master	on/off	A+ A+
311949.002.1.191	D 300, H 80	LED ⁽¹⁾	830	1200 lm	13,5 W	Slave	on/off	A+ A+
311949.002.3.19	D 300, H 80	LED ⁽¹⁾	840	1250 lm	13,5 W	Master	on/off	A+ A+
311949.002.3.191	D 300, H 80	LED ⁽¹⁾	840	1250 lm	13,5 W	Slave	on/off	A+ A+

Diameter D 360 mm

311951.002.1.19	D 360, H 87	LED ⁽¹⁾	830	2000 lm	21 W	Master	on/off	A+ A+
311951.002.1.191	D 360, H 87	LED ⁽¹⁾	830	2000 lm	21 W	Slave	on/off	A+ A+
311951.002.3.19	D 360, H 87	LED ⁽¹⁾	840	2050 lm	21 W	Master	on/off	A+ A+
311951.002.3.191	D 360, H 87	LED ⁽¹⁾	840	2050 lm	21 W	Slave	on/off	A+ A+



Diffuser: plastic (polycarbonate)

Diameter D 300 mm

311949.002.2.19	D 300, H 80	LED ⁽¹⁾	830	1200 lm	13,5 W	Master	on/off	A+ A+
311949.002.2.191	D 300, H 80	LED ⁽¹⁾	830	1200 lm	13,5 W	Slave	on/off	A+ A+
311949.002.4.19	D 300, H 80	LED ⁽¹⁾	840	1300 lm	13,5 W	Master	on/off	A+ A+
311949.002.4.191	D 300, H 80	LED ⁽¹⁾	840	1300 lm	13,5 W	Slave	on/off	A+ A+

Diameter D 360 mm

311951.002.2.19	D 360, H 87	LED ⁽¹⁾	830	2050 lm	21 W	Master	on/off	A+ A+
311951.002.2.191	D 360, H 87	LED ⁽¹⁾	830	2050 lm	21 W	Slave	on/off	A+ A+
311951.002.4.19	D 360, H 87	LED ⁽¹⁾	840	2100 lm	21 W	Master	on/off	A+ A+
311951.002.4.191	D 360, H 87	LED ⁽¹⁾	840	2100 lm	21 W	Slave	on/off	A+ A+

Replacement diffusers

Price Category 13

08-311616.002	D 300, H 75	Plastic (PMMA)
08-311616.012	D 300, H 75	Plastic (polycarbonate)
08-311595.002	D 360, H 81	Plastic (PMMA)
08-311595.012	D 360, H 81	Plastic (polycarbonate)

Comparison LED vs. conventional lamps

LED 13,5 W ≈
1 x 26 W TC-D (34 W CB)

LED 21 W ≈
2 x 26 W TC-D (68 W CB)

Corridor Function Applies to versions with .19

