

pirola

Moisture-proof luminaire

When the going
gets tough ...



Design
Made in Germany

REGIOLUX

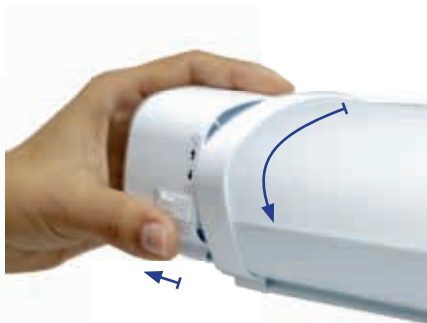
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Moisture-proof luminaire

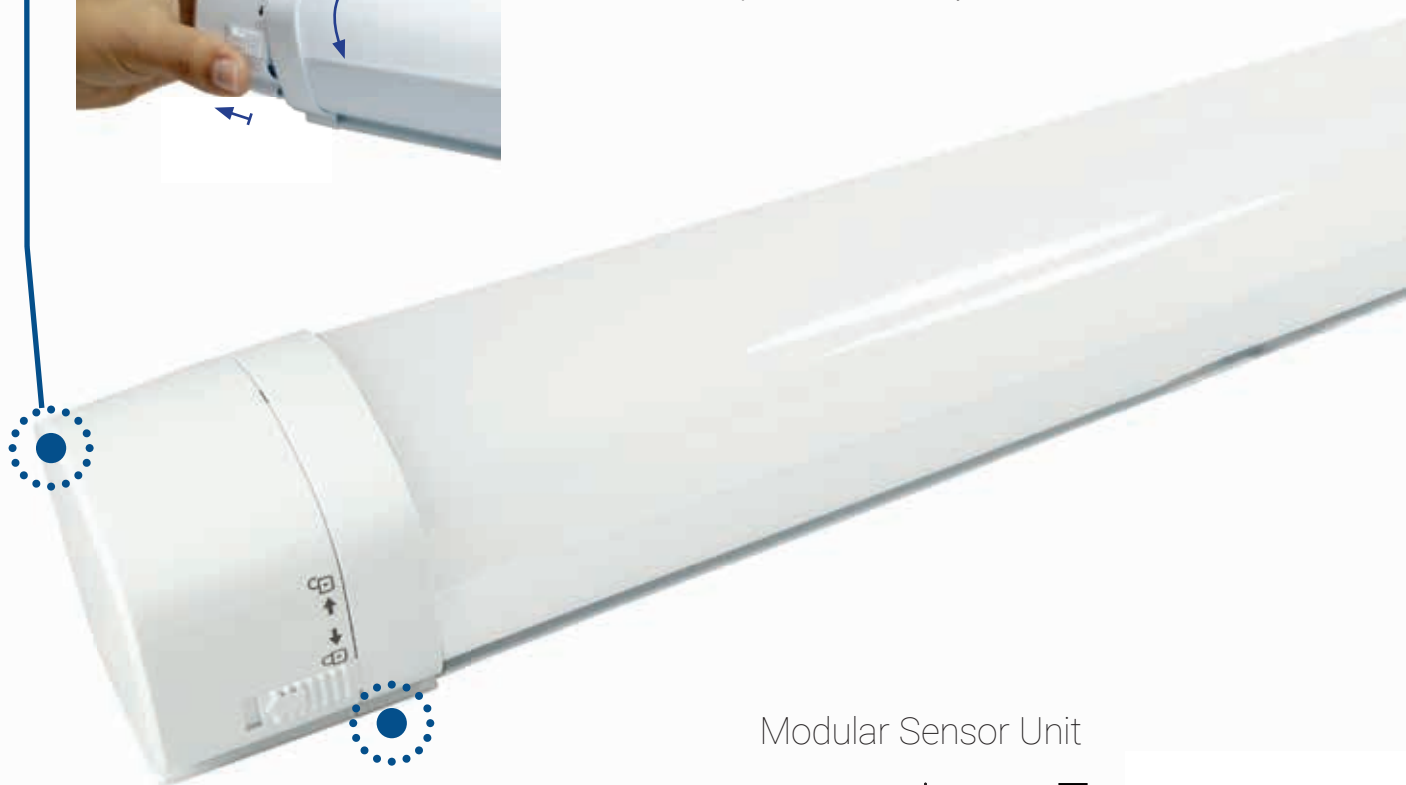
Design
Made in Germany

Flexible, made for tough surroundings:
twist-fix and ready mounted

The twist-fix principle



The twist-fix bayonet closure makes fitting quick and easy. Slot the ends with the connections into each another and connect by turning in opposite directions. A click lock at the side provides additional safety.



Modular Sensor Unit



Motion



Daylight



Delay Time



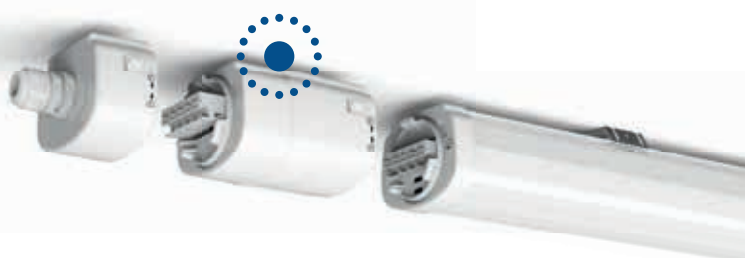
On/Off

Surprise: sensor system needed after all?

Retrofit, extend or adapt later. The HF-sensor unit extends the possibilities in every situation at all times. Twisted into place later using the twist-fix principle.

HF sensor unit art. no. 5011 9000 100

- Switching high-frequency motion detector
- Bright-out function: the luminaire is not switched on if there is sufficient light
- Delay time, detection area and light value of the bright-out function can be set using 9 DIP switches
- Max. installation height 5 m
- Detection angle 30 – 150°
- Max. detection range at 3 m mounting height $\varnothing = 7$ m
- Adjustable detection area (100 – 10 %)
- Zero-voltage switching
- Switching capacity up to 350 Watt



Lighting technology: high-performance Casing: resilient

Extremely important for service life, luminous efficiency and light effect:
optimum thermal management for the LED modules and high-performance
diffuser which reliably withstand a wide range of different loads.



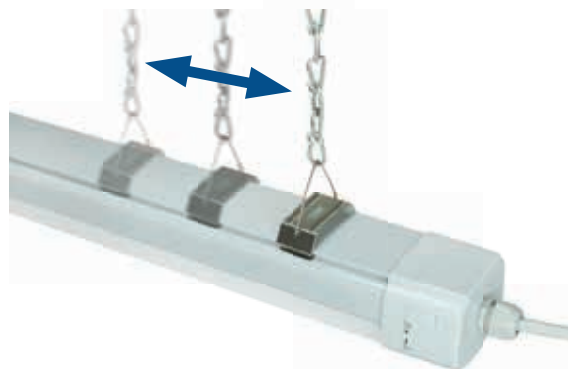
IK08

Ta -20°C
+45°C

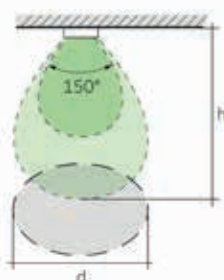
IP65

Flexible mounting

Flexibility makes the difference during mounting. Using the
mounting clips provided, you can position the luminaires more
easily without additional effort and compensate tolerances better.



Planning parameters HF sensor unit

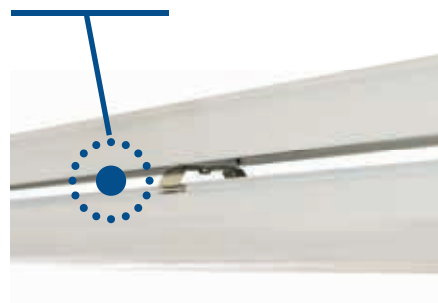


Sensitivity

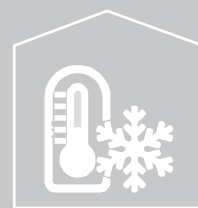
h	100 %	75 %	50 %	30 %	10 %
	d				
0.5 m	5.0 m	3.0 m	1.5 m	1.0 m	0.50 m
1.0 m	6.0 m	4.0 m	3.0 m	2.0 m	1.00 m
1.5 m	6.5 m	4.0 m	3.0 m	2.0 m	1.00 m
2.0 m	7.0 m	4.5 m	3.5 m	2.5 m	1.00 m
2.5 m	7.0 m	4.5 m	3.5 m	2.0 m	1.50 m
3.0 m	7.5 m	5.5 m	4.0 m	1.5 m	0.50 m
3.5 m	5.5 m	3.5 m	2.0 m	0.5 m	0.25 m
4.0 m	5.5 m	3.0 m	1.5 m	0.5 m	0.25 m
4.5 m	3.5 m	2.0 m	1.0 m	0.5 m	0.25 m
5.0 m	3.0 m	1.5 m	1.0 m	0.5 m	0.25 m

Mounting on the rail system

Easily done with SDLA mounting clip on Regiolux
rail system



pirola Moisture-proof luminaire



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Fields of application



Technical data

IK08

IP65

Ta $\begin{matrix} \text{---} -20^{\circ}\text{C} \\ \text{---} +45^{\circ}\text{C} \end{matrix}$



1200
1500
mm

Features



50,000h
L80/B10

Mounting options



5 Years
Warranty



1200mm

4100 lm

5600 lm

Replaces

T8: 1/36W
T5: 1/35W

T8: 2/36W
T5: 2/35W, 1/54W

1500mm

5200 lm

7100 lm

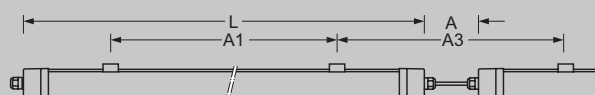
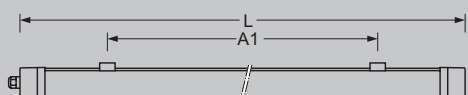
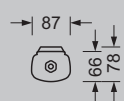
T8: 1/58W
T5: 1/49W

T8: 2/58W
T5: 1/80W, 2/49W

150 lm/W

Dimensions

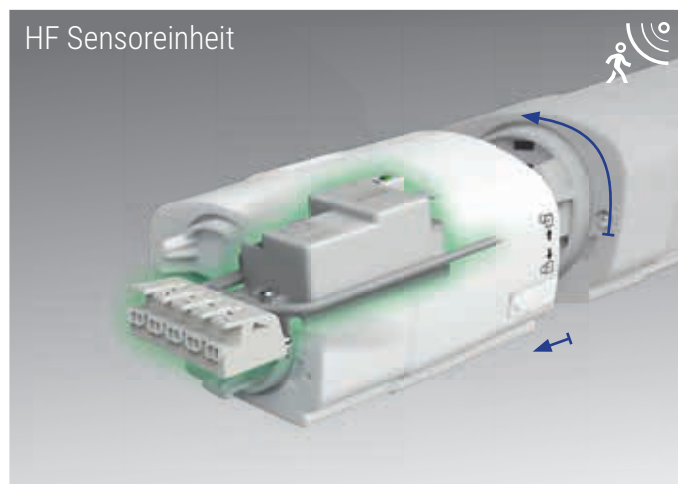
Type	Versions	LxWxH/DxH	A1	A3	A4	KE X/Y
PG./1200	LED	1200 x 87 x 66	700	530	900	600 / 0
PG./1500	LED	1500 x 87 x 66	900	630	1200	750 / 0





Fit - twist - click - done
Fast retrofitting of sensor system now no longer a problem

Protective wire cage
When safety is of the utmost importance



Accessories

	Type	Colour	Material	Details	Art. no.		
Protection							
Protective wire cage	DKF 1200	bl/cr	StZn	for pirola	5976 1360 100	1	1.23
	DKF 1500	bl/cr	StZn	for pirola	5976 1580 100	1	1.54
Protective wire cage attachment	DKF -HBK	vw	StZn	Retaining bracket for DKF	5976 1100 100	2	0.17
Mounting/Installation							
Suspension chain	KK	me	St	Knotted chain l=30m, for SDT, SDT Basic, ATS	9282 9300 100	1	4.60
Luminaire attachment	SDLA	me	StZn	Attachment set for SDT, SDT Basic, ATS	1890 0058 100	1	0.03
Sensor technology							
HF sensor unit	PGPC-HFS	ws	hg	for pirola	5011 9000 100	1	0.26

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A++ DALI CE IP 65

Mounting/installation:

- Ceiling and wall mounting, suspended mounting, mounting rail

Housing:

- Housing made of polycarbonate

Lighting technology

- Opal diffuser, plastic PC
- Direct light distribution

Lamp:

- LED 50000h L80/B10 (Ta max. -20°/+ 45°C/40°C)
- CRI ≥ 80 / 4000K

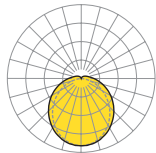
Switching:

- 1 controller
- Electronic driver
- 230V 50Hz

Other:

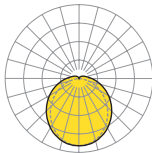
- Attachment clips and suspension set are included in the scope of delivery

pirola-PGPC LED



PGPC/1200 LED
4100 lm 840

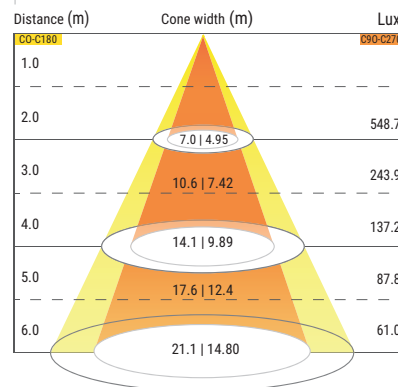
η_{LB} 100 %
lm/W 150
Direct/indirect 92/8 %
UGR lat./long. 24.8/22.7



PGPC/1500 LED
7100 lm 840

η_{LB} 100 %
lm/W 144
Direct/indirect 92/8 %
UGR lat./long. 25.8/23.7

PGPC/1500 LED 7100 lm 840



Products

Type	Fittings	lm/W	P _{sys} [W]	Colour	Ballast	Ta max. [°C]	LxWxH	Art. no.	
Diffuser opal direct distribution impact-resistant									
pirola-PGPC/1200	LED 4100 840	150	28	hg	ET	-20°... 45°	1200 x 87 x 66	5011 2014 100	1.45
					DALI ¹⁾	-20°... 45°	1200 x 87 x 66	5011 2016 600	1.70
	LED 5600 840	144	39	hg	ET	-20°... 45°	1200 x 87 x 66	5011 2024 100	1.45
					DALI ¹⁾	-20°... 45°	1200 x 87 x 66	5011 2026 600	1.70
pirola-PGPC/1500	LED 5200 840	150	35	hg	ET	-20°... 45°	1500 x 87 x 66	5011 5014 100	1.80
					DALI ¹⁾	-20°... 45°	1500 x 87 x 66	5011 5016 600	2.09
	LED 7100 840	144	50	hg	ET	-20°... 45°	1500 x 87 x 66	5011 5024 100	1.80
					DALI ¹⁾	-20°... 45°	1500 x 87 x 66	5011 5026 600	2.36
Diffuser opal direct distribution impact-resistant with through-wiring									
pirola-PGPC-DV/1200	LED 4100 840	150	28	hg	ET	-20°... 45°	1200 x 87 x 66	5012 2014 100	1.70
					DALI ¹⁾	-20°... 45°	1200 x 87 x 66	5012 2016 600	1.70
	LED 5600 840	144	39	hg	ET	-20°... 40°	1200 x 87 x 66	5012 2024 100	1.70
					DALI ¹⁾	-20°... 40°	1200 x 87 x 66	5012 2026 600	1.70
pirola-PGPC-DV/1500	LED 5200 840	150	35	hg	ET	-20°... 45°	1500 x 87 x 66	5012 5014 100	2.09
					DALI ¹⁾	-20°... 45°	1500 x 87 x 66	5012 5016 600	2.09
	LED 7100 840	144	50	hg	ET	-20°... 40°	1500 x 87 x 66	5012 5024 100	2.09
					DALI ¹⁾	-20°... 40°	1500 x 87 x 66	5012 5026 600	2.09

¹⁾ Luminaires suitable for IoT (Internet of Things):

”
 pirola - when things
 have to be quick and simple
 ”

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Regiolux



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