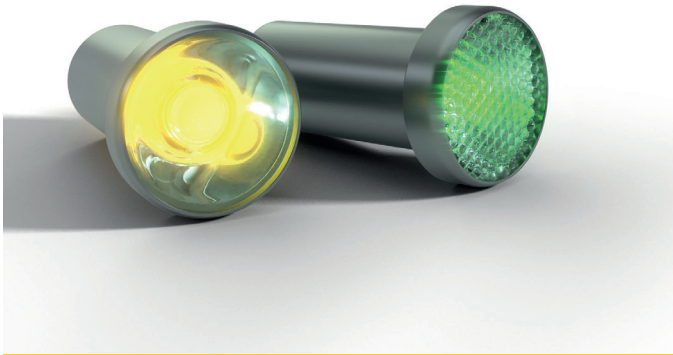




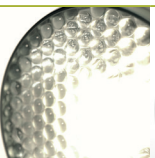
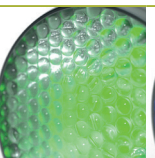
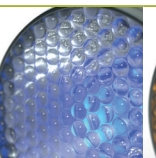
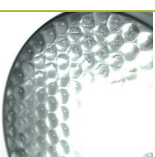
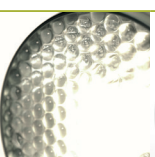
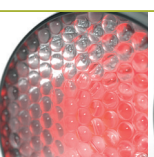
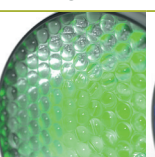
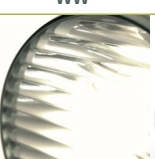
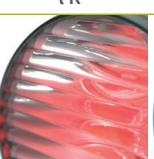
LED Modules

modulLED® 21

**MADE
IN
GERMANY**

- Fast change of the illuminants with innovative modul-LED® concept
- Ideal to use in industry and science
- Huge illuminance
- Wide range of light colors and color temperatures
- Suitable for almost any application thanks to different optics
- Suitable for IL1, IL12, IL13 series and other lights (Overview on the last page)



	modulLED21- s PW	modulLED21-s NW	modulLED21-s WW	modulLED21- s R	modulLED21- s G	modulLED21- s B	modulLED21- s A
							
	100-006420	100-006443	100-006447	100-005387	100-005933	100-005934	100-004449
Color temperature/light color	pure white (5.700 K)	natural white (4.000 K)	warm white (3.000 K)	red (625 nm)	green (528 nm)	blue (470 nm)	amber (590 nm)
Illuminance at 25 cm	28.000 lx	18.000 lx	17.000 lx	-	-	-	-
Light spot diameter at 25 cm	60 mm						
LED life span	50.000 h (L70, According to manufacturer)						
Beam angle	Spot 10°						
	modulLED21-f PW	modulLED21-f NW	modulLED21-f WW	modulLED21- f R	modulLED21- f G	modulLED21- s B	modulLED21- f A
							
	100-006421	100-006444	100-006448	100-005388	100-005389	100-005390	100-010722
Color temperature/light color	pure white (5.700 K)	natural white (4.000 K)	warm white (3.000 K)	red (625 nm)	green (528 nm)	blue (470 nm)	amber (590 nm)
Illuminance at 25 cm	7.000 lx	4.000 lx	3.400 lx	-	-	-	-
Light spot diameter at 25 cm	140 mm						
LED life span	50.000 h (L70, According to manufacturer)						
Beam angle	Flood 28°						
	modulLED21- d PW	modulLED21- d NW	modulLED21- d WW	modulLED21- d R	modulLED21- d G	modulLED21- d B	modulLED21- d A
							
	100-006422	100-006445	100-006449	100-005936	100-005935	100-005937	100-010723
Color temperature/light color	pure white (5.700 K)	natural white (4.000 K)	warm white (3.000 K)	red (625 nm)	green (528 nm)	blue (470 nm)	amber (590 nm)
Illuminance at 25 cm	4.000 lx	2.900 lx	3.000 lx	-	-	-	-
Light spot diameter at 25 cm	200 mm						
LED life span	50.000 h (L70, According to manufacturer)						
Beam angle	Diffuse 40°						
	modulLED21-l PW	modulLED21-l NW	modulLED21-l WW	modulLED21- l R	modulLED21- l G	modulLED21- l B	modulLED21- l A
							
	100-006423	100-006446	100-006450	100-005939	100-005938	100-005940	100-010724
Color temperature/light color	pure white (5.700 K)	natural white (4.000 K)	warm white (3.000 K)	red (625 nm)	green (528 nm)	blue (470 nm)	amber (590 nm)
LED life span	50.000 h (L70, According to manufacturer)						
Beam angle	Line 12° × 30°						

	modulLED21 UV365	modulLED21 UV405
		
	100-010758	100-010756
Wave length	UV 365 nm	UV 405 nm
Radiation power	approx. 1,2 W	
LED life span	5.000 h (L70, According to manufacturer)	7.000 h (L70, According to manufacturer)
Beam angle	Reflector 80°	



General technical data

LED Type	3-W-Power-LED
Power consumption	approx. 3 W
Length	42 mm
Diameter	21 mm
Material	anodized aluminium
Color	titanium
Material optics	PMMA (with UV instead stainless steel reflector)
Weight	approx. 18 g

Suitable for the following lights

100-006567	IL1-Lab-450 1-arm	1-armed, arm length 450 mm
100-010737	IL1-Lab-600 1-arm	1-armed, arm length 600 mm
100-006568	IL1-Lab-450 2-arm	2-armed, arm length 450 mm
100-007484	IL1-Lab-600 2-arm	2-armed, arm length 600 mm
100-006570	IL1-450 1-arm	with protective glass, 1-armed, arm length 450 mm
100-010741	IL1-600 1-arm	with protective glass, 1-armed, arm length 600 mm
100-006571	IL1-450 2-arm	with protective glass, 2-armed, arm length 450 mm
100-007932	IL1-600 2-arm	with protective glass, 2-armed, arm length 600 mm
100-006569	IL12-Lab-450 2-arm	2-armed, arm length 450 mm
100-010740	IL12-Lab-600 2-arm	2-armed, arm length 600 mm
100-010764	IL12-450 2-arm	with protective glass, 2-armed, arm length 450 mm
100-010765	IL12-600 2-arm	with protective glass, 2-armed, arm length 600 mm
100-010766	IL13-450 1-arm	with protective glass, 1-armed, arm length 450 mm
100-010767	IL13-600 1-arm	with protective glass, 1-armed, arm length 600 mm
100-010768	IL13-450 2-arm	with protective glass, 2-armed, arm length 450 mm
100-010769	IL13-600 2-arm	with protective glass, 2-armed, arm length 600 mm
100-008024	IL100	with brightness control
100-008028	IL1300	with brightness control
100-009861	IL100-24V	with M12 connector (4-pole)
100-010744	IL1300-24V	with M12 connector (4-pole)
100-011494	IL100-F	flex arm, arm length 450 mm
100-011707	IL1300-F	flex arm, arm length 450 mm
100-009632	MSL1	with incident light
100-009892	MSL2	with transmitted and incident light