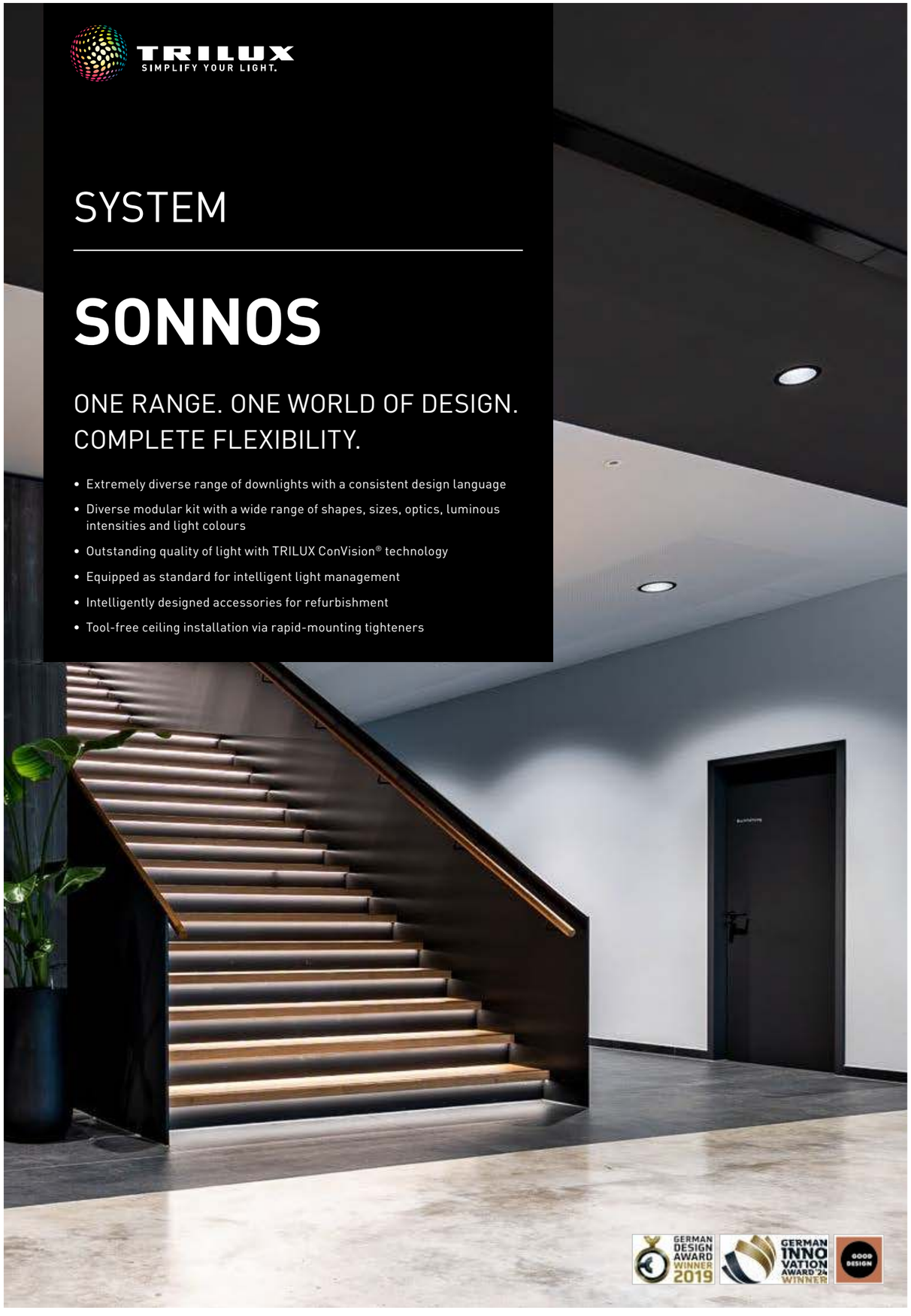
TRILUX
SIMPLIFY YOUR LIGHT.

SYSTEM

SONNOS

ONE RANGE. ONE WORLD OF DESIGN. COMPLETE FLEXIBILITY.

- Extremely diverse range of downlights with a consistent design language
- Diverse modular kit with a wide range of shapes, sizes, optics, luminous intensities and light colours
- Outstanding quality of light with TRILUX ConVision® technology
- Equipped as standard for intelligent light management
- Intelligently designed accessories for refurbishment
- Tool-free ceiling installation via rapid-mounting tighteners



Detailed product information:
www.trilux.com/sonnos

Sonnos

Mounting type
Recessed luminaire with trim, recessed luminaire without trim, surface-mounted ceiling luminaire, suspended luminaire with ceiling rose, Rail track adapter, Yonos and E-Line modules

Designs
round
square

Sizes
45 mm (from 2025), 68 mm, 100 mm, 150 mm, 210 mm

Mounting location
Ceiling, ceiling with casting box

Optical system
Collimator/lens technology (ConVision®)

Reflector (limiter)
Highly-specular, semi-specular, white, black, gold

Luminaire type
Downlight, directional spotlight, wallwasher

Beam characteristic
spot (12°), medium flood (24°), flood (36°), very wide flood (60°), extremely wide flood (80°), wallwasher

Luminaire luminous flux
500 - 5,000 lm

Colour rendering index | Light colour
Ra > 80, Ra > 90
2,700 K
3,000 K
4,000 K
Tunable White 2,700 K - 6,500 K
Dim to warm (100% = 2,700 K, 1% = 1,700 K)

Service life
L90 (tq25 °C) = 50,000 h
L80 (tq25 °C) = 100,000 h

Frame colour/housing colour
white (similar to RAL 9016),
silver-grey (RAL 9006), black (RAL 9005)
Other RAL colours on request

Operating mode
switchable and DALI dimmable (ETDD)
Bluetooth Low Energy (ETBLE)
switchable (ET)

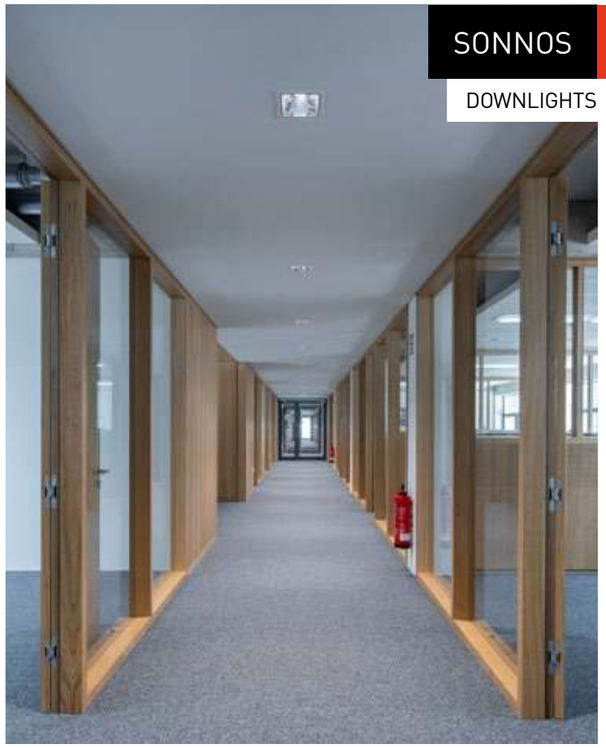
Connectivity
LiveLink ready
Monitoring ready (MOR) (on request)
Casambi capable

Additional equipment
Single battery system, 3 hours

Accessories
Covers, concrete casting box, mounting plates, refurbishment plates, plaster frame

Design compatibility
Rail 230V track system (see page 72),
Yonos office lighting system (see page 114),
Finea light channel system (see page 122)

IP20 IP44 IP54



SONNOS CONFIGURATOR
PLAN QUICKLY AND EASILY NOW!

GET IT DONE IN JUST A FEW STEPS

Start the customised configuration!

STEPS		SELECTION OPTIONS
Luminaire type	**3**	
Mounting type	**4**	Surface-mounted; Recessed with frame; Recessed trimless; Suspended
Colours	**3**	white 01; silver 03; black 05
Beam angle	**6**	
Design	**2**	round; square
Sizes (ceiling recess)	**5**	45; 68; 100; 150; 210
Light colours	**7**	2,700 K; 3,000 K; 4,000 K; HCL / TUNABLE WHITE; CRI80; CRI > 90; DIM TO WARM
Luminous flux	**7**	500 lm; 800 lm; 1,400 lm; 2,000 lm; 2,600 lm; 3,800 lm; 5,000 lm
Switching types	**4**	ET; ETDD; ETDD8; ETBLE
Reflector colours	**5**	Highly specular; Semi-specular; white; black; golden
Connection	**4**	**Terminal, 3-pole plug, 5-pole plug, 3+2-pole plug**
UGR	**2**	UGR19; UGR<22
Suspension	**5**	**Ceiling rose with textile cable, Rail track adapter with textile cable, ceiling rose with steel wire and transparent cable, E-Line adapter with textile cable, Yonos adapter with textile cable**
Additional modules	**1**	**Emergency light**

Ready! After configuration, all data can be directly downloaded.

www.trilux.com/sonnos-configurator

SYSTEM HIGHLIGHTS

Highest quality of light
Less spill light and less glare – Sonnos luminaires with ConVision® technology create directional, pleasant light for surfaces and objects with a new sense of three-dimensionality. The optical system consists of two precisely matched elements: the lens for directing the light and the limiter for controlling direct glare. The light-diffusing spherical domes in the centre of the lens are arranged in a Fibonacci structure following the example of nature. This creates maximum quality of light in the room and maximum visual comfort for people.

Modular design, repairable and with plastic-free packaging
Modularity is an important prerequisite for the repairability and recyclability of products. Sonnos luminaires are already designed so that individual components can be replaced. At the end of the product life cycle the luminaires can be broken down into their individual components and fed back into the value chain. Sonnos luminaires are also packaged plastic-free. Bulk packaging is available on request.

MADE IN GERMANY

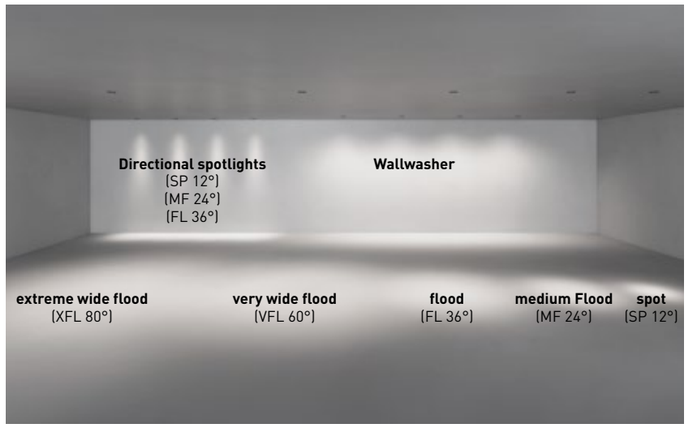
REFURBISHMENT OVERVIEW

IDEAL FOR REFURBISHMENT
The Sonnos range of luminaires is ideal for refurbishing old systems. Existing ceiling recesses are no problem. With a refurbishment ring, the diameter of the luminaire can be expanded to the appropriate size.

Round ceiling recess	Recess depth	Sonnos type	TK	Accessories (round)	TOC
68 (+2*) mm					
70 - 80 (+2*) mm	≥ 110 mm	Sonnos RC1	102 847 73	SNS RC01 KP drm 80 01	81 840 00
70 - 95 (+2*) mm			101 796 61	SNS RC01 SP drm 95	71 897 00
100 (+2*) mm					
102 - 120 (+2*) mm	≥ 98 mm (TW 120 mm)	Sonnos RC3	102 847 74	SNS RC03 KP drm 120 01	81 841 00
102 - 145 (+2*) mm			101 796 66	SNS RC03 SP drm 145	71 902 00
150 (+2*) mm					
152 - 180 (+2*) mm	≥ 133 mm	Sonnos RC5	102 847 75	SNS RC05 KP drm 180 01	81 842 00
152 - 205 (+2*) mm			101 796 69	SNS RC05 SP drm 205	71 905 00
210 (+2*) mm					
212 - 240 (+2*) mm	≥ 130 mm	Sonnos RC7	102 847 76	SNS RC07 KP drm 240 01	81 843 00
212 - 285 (+2*) mm			101 796 76	SNS RC07 SP drm 280	71 912 00
212 - 240 (+2*) mm			102 847 72	SNS RC07 SP drm 340 01	81 839 00

Square ceiling recess	Recess depth	Sonnos type	TK	Accessories (square)	TOC
68 (+2*) mm					
80 (+2*) mm	≥ 110 mm	Sonnos QC1	102 847 77	SNS QC01 KP DA 80x80 01	81 844 00
100 (+2*) mm					
102 - 120 (+2*) mm	≥ 98 mm (TW 120 mm)	Sonnos QC3	102 847 78	SNS QC03 KP DA 120x120 01	81 845 00
102 - 145 (+2*) mm			102 847 69	SNS QC03 SP DA 145x145 01	81 836 00
150 (+2*) mm					
152 - 180 (+2*) mm	≥ 133 mm	Sonnos QC5	102 847 79	SNS QC05 KP DA 180x180 01	81 846 00
152 - 205 (+2*) mm			102 847 70	SNS QC05 SP DA 205x205 01	81 837 00
210 (+2*) mm					
212 - 240 (+2*) mm	≥ 130 mm	Sonnos QC7	102 847 80	SNS QC07 KP DA 240x240 01	81 847 00
212 - 285 (+2*) mm			102 847 71	SNS QC07 SP DA 285x285 01	81 838 00

*Upper tolerance limit / other sizes on request. Accessories in white colour (RAL 9016), other colours on request.



Planning diversity for vertical and horizontal surfaces

Sonnos features high-quality light for projects in offices and public buildings. Various distribution characteristics, luminaire luminous fluxes and light colours enable individual planning based on the respective lighting task, while maintaining the same materiality and design language. All variants can be ideally combined in a single project.

Project-specific solutions

Sonnos pendant luminaires adapt to individual wishes, architectural styles and surrounding colour concepts. The housing, limiter, textile cable and ceiling rose can be colour-customised on request.

DOWNLIGHTS AND SPOTLIGHTS

Data status: 01.11.2024

								Directional spotlights			Spots			Downlights		Wallwashers	Installation variants				Photometrics		Electronics		
								COBs									Planning scope								
Ceiling recess [mm]	2,700 K, CRI90	3,000 K, CRI90	3,000 K, CRI80	4,000 K, CRI90	4,000 K, CRI80	2,700 - 6,500 K, CRI80	2,700 - 1,800K, CRI 90	spot 12° pivotable 0-20°	medium mlood 24° pivotable 0-20°	flood 36° pivotable 0-20°	spot 12° fixed	medium flood 24° fixed	flood 36° fixed	very wide flood 60°	extreme wide flood 80°	wallwasher	Plaster ring	Ring/ frame	Surface-mounted housing	Suspended housing	Flux [lm]	UGR 19	DALI	Casambi / LiveLink ONE®	Emergency light EB3
	High colour rendering quality		High efficiency	High colour rendering quality	High efficiency	Tunable White	Dim2Warm																		
45	✓	✓	–	✓	–	–	–	–	–	no D2W	–	–	no square variants	–	–	–	no trimless mounting	01, 03, 05	no surface-mounted luminaire	no pendant luminaire	450	✓	✓	–	–
68	✓	✓	–	✓	–	–	✓ Recessed (450 lm)	no D2W	no D2W	no D2W	no D2W	no D2W			–	–	01	01, 03, 05	01, 03, 05	01, 03, 05	500	✓	✓	✓	–
																					800	✓			
100	✓	✓	✓	✓	✓	✓ Re-cessed	✓ Recessed (1000 lm)	no D2W	no D2W	no D2W	no D2W	no D2W			–		01	01, 03, 05	01, 03, 05	01, 03, 05	800	✓	✓	✓	✓
																					1400	✓			
150	✓	✓	✓	✓	✓	✓ Re-cessed	–	–			–						01	01, 03, 05	01, 03, 05	01, 03, 05	1400	✓	✓	✓	✓
																					2000	✓			
																			no 2,600 lm	no 2,600 lm	2600	✓			
210	–	✓	✓	✓	✓	✓ Re-cessed	–	–	–	–	–	–	–				01	01, 03, 05	01, 03, 05	01, 03, 05	1400	✓	✓	✓	✓
																					2600	✓			
																			no 5,000 lm	no 5,000 lm	3800	✓			
																					5000	–			

Other combinations and designs on request
For refurbishment accessories see the refurbishment overview

● black ○ white ◒ semi-specular ◒ highly-specular ◒ golden
⬚ surface-mounted and suspended luminaires

01 white 03 silver 05 black
Further colours on request

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All technical data including dimensional and weight specifications have been compiled with due care. Errors reserved. Possible colour deviations are due to printing processes. We reserve the right to modify in the interest of progress. Luminaires are partly shown with accessories that must be ordered separately. Images of installations may show custom-manufactured luminaires. This publication was printed on PEFC-certified paper in an environmentally friendly way.