

Applications and product portfolio

Portfolio

premium series (PRE)

excite series (EXC)*

advanced series (ADV)

essence series (SNC)

Convenient

- Maximum comfort for your application
- Digital networking and control
- Colour temperature change (Tunable White)

Flexible

- Maximum flexibility that pays off
- Fascinating lighting mood
- For challenging lighting tasks

Simplicity itself

- Easy design-in
- High level of efficiency
- Excellent light quality for high demands

Cost-effective

- Specifications for particular applications
- Focused on core functions
- Proven Tridonic quality

		premium series (PRE)	excite series (EXC)*	advanced series (ADV)	essence series (SNC)
Dimming	Dimming interface	bDW	bDW, one4all ¹⁾	Phase-cut up to 25 W ¹⁾	
	Dimming range (method)	1 - 100% (AM)	1 - 100% (AM)	1 - 100% (AM) ¹⁾	
DC operation	Supporting EN 50172	yes	yes	yes***	
	DC level adjustable	yes	yes*/no		
Output current	Adjustable via resistor plug	yes (I-SELECT 2)	yes (I-SELECT 2)	ja (ADV Plug/I-SELECT 2)	
	Adjustable via ready2mains	yes	yes*/no		
	Adjustable via DALI	yes	yes*/no		
	Adjustable via companionSUITE	yes	yes		
	Current tolerances	± 3%	± 5%	± 7,5%	± 7,5%
Interfaces	one4all (DALI-2, DT6, switchDIM, corridorFUNCTION V2)	yes (Incl. DSI)	yes*/no	one4all **	
	NFC	yes	yes*/no		
Functions & Performance	Tunable White DT8	yes			
	Multichannel DT6	yes	yes*/no		
	Integrated low voltage supply	yes (po4a)			
	Configuration via companionSUITE	yes	yes	yes ¹⁾	
	Constant light output over lifetime (CLO)	yes	yes*/no		
	Intelligent Temperature Guard	yes	yes		
	Standby losses	< 0,15 W	< 0,4 W		
	Output current ripple (LF)	< ± 5%	< ± 5%	< ± 5%	>15 W ± 30%
	Form factors	C, SC, SR, Ip	C, SC, SR, Ip, T	C, SC, SR, Ip, R, T	C, SC, SR, Ip, T
	Operating temperature range	-25°C...+60°C ²⁾	-25°C...+60°C ²⁾ ³⁾	-20°C...+50°C ²⁾	-20°C...+50°C ²⁾
	Lifetime up to	100,000 h	100,000 h	50,000h/100,000h ¹⁾	30,000 h/50,000 h ¹⁾
	Guarantee	5 years	5 years	5 years ¹⁾	3 years/5 years ¹⁾

¹⁾ Only for certain variants.

²⁾ Varies depending on the set output current. Detailed information can be found in the data sheet

³⁾ -20 ... +50 °C

*applies only for EXC3; **limited range; ***