Does the SDD300BTAM need to be de-rated in multi-gang plates?

Dimmers · https://pixiepartners.com.au/support-docs/does-the-sdd300btam-need-to-be-de-rated-in-multi-gang-plates/

As the new PIXIE SDD300BTAM is the Gen3 compact form factor it is now possible to create multi-gang wall plate greater than 3 up to 6 gang wall plates with dimmers.

As with all dimmers, mounting them in close proximity to each other AND other modules in the wall plates requires a derating on the maximum dimming capacity of the dimmer.

The graph below details this derating.

MULTI-GANG DE-RATING (Maximum 6 x gang configuration)

No. of dimmer	Resistive load (Incandescent lamp, High voltage halogen lamp)	Capacitive load (Dimmalbe LED)
1	300W	250VA
2	250W	200VA
3	200W	150VA
4	150W	150VA
5	100W	100VA
6	75W	75VA

You can download further documents here:

- SDD300BTAM Datasheet
- SDD300BTAM Installation Manual