

DGP Switchable Privacy Film Technical Specs

Product	SFA15HD01 - 60	SFNA15HD01 - 60	SFHT15C01 - 60	SFA18HD01 - 45	SFNA20HD01 - 45	DGPA15HD01 - 65
Description	adhesive film	non-adhesive film	extreme temp adhesive film	adhesive film	non-adhesive film	adhesive film
Color	white	white	white	white	white	charcoal grey
Adhesive	adhesive	non-adhesive	adhesive	adhesive	non-adhesive	adhesive
VLT* (on)	87%	84%	84%	87%	84%	30%
VLT* (off)	9%	9%	9%	9%	9%	4%
Haze^	<3%	<3%	<4%	<3%	<3%	<4%
Switching time (to clear)	<200ms	<200ms	<200ms	<200ms	<200ms	<200ms
Switching time (to opaque)	<400ms	<400ms	<400ms	<400ms	<400ms	<400ms
Input voltage	AC110V	AC110V	AC110V	AC110V	AC110V	AC110V
Operating voltage	AC60V	AC60V	AC60V	AC45V	AC45V	AC65V
Frequency	50-60Hz	50-60Hz	50-60Hz	50-60Hz	50-60Hz	50-60Hz
Consumption	0.47W / ft²	0.47W / ft²	0.47W / ft	0.38W / ft²	0.38W / ft²	0.35W / ft²
RF on/off switch Frequency	315 MHz	315 MHz	315 MHz	315 MHz	315 MHz	315 MHz
RF on/off switch H²O Resistance	IP54	IP54	IP54	IP54	IP54	IP54
Transformer Dimensions mm						
50w 100w 150w (kg)	206*120*47 (2.8kg)	206*120*47 (2.8kg)	206*120*47 (2.8kg)	206*120*47 (2.8kg)	206*120*47 (2.8kg)	206*120*47 (2.8kg)
200w 250w 300w (kg)	250*160*60 (5.2kg)	250*160*60 (5.2kg)	250*160*60 (5.2kg)	250*160*60 (5.2kg)	250*160*60 (5.2kg)	250*160*60 (5.2kg)
Transformer (UL Recognised)	cULus	cULus	cULus	cULus	cULus	cULus
Operation Cycling	>2 million	>2 million	>2 million	>2 million	>2 million	>2 million
Appx Life Expectance	>100,000 hours	>100,000 hours	>100,000 hours	>100,000 hours	>100,000 hours	>100,000 hours
Operating temp	-4°F ~ 158°F	-4°F ~ 158°F	-22°F ~ 203°F	-4°F ~ 158°F	-4°F ~ 158°F	-4°F ~ 158°F
Storage temp	5°F ~ 86°F (70% RH)	5°F ~ 86°F (70% RH)	5°F ~ 86°F (70% RH)	5°F ~ 86°F (70% RH)	5°F ~ 86°F (70% RH)	5°F ~ 86°F (70% RH)
UV blocking index	99%	99%	99%	99%	99%	99%
IR blocking index ON*	13%	13%	17%	13%	13%	20%
IR blocking index OFF*	80%	68%	85%	80%	68%	90%
TSER ON*	20%	20%	34%	20%	20%	38%
TSER OFF*	38%	30%	48%	38%	30%	52%
Thickness	0.50mm	0.39mm	0.40mm	0.50mm	0.39mm	0.36mm
Max width	1,500mm (~59")	1,500mm (~59")	1,500mm (~59")	1,800mm (~70")	2,000mm (~78")	1,500mm (~59")
Max length	4 meters (~157")	4 meters (~157")	4 meters (~157")	4 meters (~157")	4 meters (~157")	4 meters (~157")
Dimming control	Available	Available	Available	Available	Available	Available
Remote fob	Available	Available	Available	Available	Available	Available
Wall switch	Available	Available	Available	Available	Available	Available
Tie-in to WiFi systems	Available	Available	Available	Available	Available	Available
Use for Rear Projection	Yes	Yes	Yes	Yes	Yes	Not recommended
Viewing angle	160°	160°	160°	160°	160°	160°

*dependent on type and thickness of substrates and glass used ^ off-angle viewing can increase visual haze factor; interior/exterior lighting conditions can increase the perceived haze factor