Commercial Lighting / UGR Backlit Panel Light



Features

Low glare microprism diffuser

Flicker free and uniform illumination to ensure maximum lighting comfort

Available in 3000K, 4000K, 5000K, 6000K

Integrated steel plate design provides excellent thermal management

Remote driver

Various mounting methods

Available in dimming version

Complies with J6 and UGR19*



Offices / meeting rooms

Schools

Hospitals

Laboratory

Options

0-10V / 1-10V / DALI dimming Surface Mount / Plaster Frame / Suspension Kit

Standards

Manufactured under ISO 9001:2015 to standards

IEC/AS/NZS 60598.1

IEC/AS/NZS 60598.2.1

IEC/AS/NZS 60598.2.2

IEC/AS/NZS CISPR 15

Mounting Methods



T-Bar Lay-in



Surface Mounted -with surface mount kit



Plaster Recessed -with plaster frame kit



Suspension -with suspension kit













^{*} Based on typical office application simulation









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Product Code Key

Model	Nominal Size	Power	сст -	- Dimming (optional)
PNU	2 = 600x300mm	10W = 10W	3K = 3000K	D07 = 0-10V
		15W = 15W	4K = 4000K	D08 = 1-10V
		20W = 20W	5K = 5000K	D10 = DALI
	4 = 1200x300mm	25W = 25W	6K = 6000K	
		30W = 30W		
		35W = 35W		
	W2 = 600x600mm	25W = 25W		
		30W = 30W		
		35W = 35W		
	W4 = 1200x600mm	40W = 40W		
		50W = 50W		omit for standard
		60W = 60W		non dimmable

e.g. PNU430W4K = PNU 1200x300mm, 30W, 4000K

Specifications ⁽¹⁾

Model	PNU220WxK	PNU425WxK	PNU430WxK	PNUW225WxK	PNUW230WxK
Nominal Power (W)	20	25	30	25	30
Input Voltage		22	20 - 240 VAC 50 / 60 F	Hz	
Luminaire Flux (lm)*	2000	2500	3000	2500	3000
Luminaire Efficacy (lm/W)*	100	100	100	100	100
CRI			> 80		
Power Factor			> 0.90		
SDCM			≤ 5		
Colour Temp. (K)		30	00 / 4000 / 5000 /60	00	
UGR**			< 19		
Luminaire Rated Life (hrs)			50,000		
Operating Temp. (°C)			-20 to +40		
Weight (kg)	2.0	2.5	2.5	2.5	2.5

[&]quot;x" denotes CCT, 3 = 3000K; 4 = 4000K; 6 = 6000K

^{*}Specifications shown for 4000K

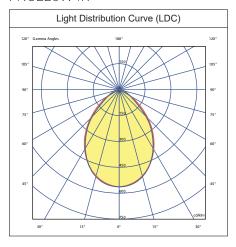
^{**} Based on typical office application simulation



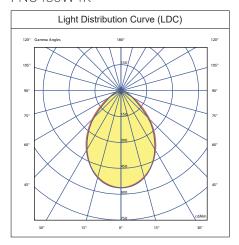
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Lighting Data

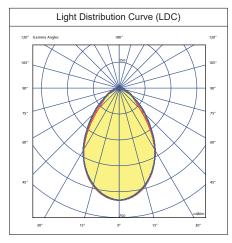
PNU220W4K



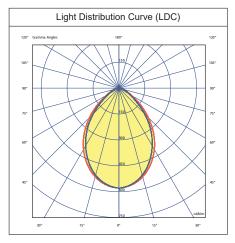
PNU430W4K



PNUW230W4K

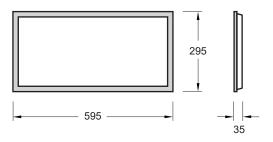


PNUW450W4K

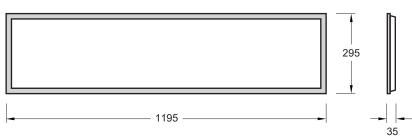


Dimensions

PNU2



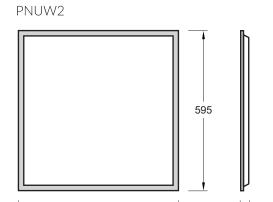
PNU4

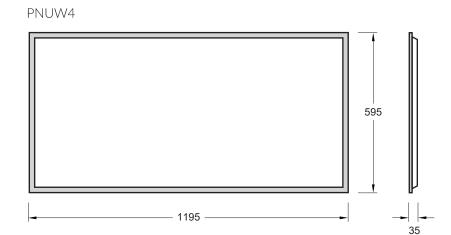




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Dimensions





Mounting Accessories

595

Surface Mount Kit

Part Number	Length (mm)	Width (mm)	Height (mm)	Suitable for model
SK600	600	300	76	PNU210 / PNU15 / PNU20
SK1200	1200	300	76	PNU425 / PNU430 / PNU435
SKW600	600	600	76	PNUW225 / PNUW230 / PNUW235
SKW1200	1200	600	76	PNUW440 / PNUW450 / PNUW460



Plaster Frame Kit

Part Number	Frame Length (mm)	Frame Width (mm)	Cutout Length (mm)	Cutout Width (mm)	Suitable for model
PF600	600	300	605	305	PNU210 / PNU15 / PNU20
PF1200	1200	300	1205	305	PNU425 / PNU430 / PNU435
PFW600	600	600	605	605	PNUW225 / PNUW230 / PNUW235
PFW1200	1200	600	1205	605	PNUW440 / PNUW450 / PNUW460



Suspension Kit

Part Number	Suitable for model		
PANSUS	All model		







All photometric and electrical data published are of $\pm 10\%$ tolerance. Characteristics and specifications may change without notice. All electrical installations / connections should be carried out by a suitably qualified person. Application images are indicative only and may not contain actual Davis product. The information contained in this publication is typical and must not be interpreted as a guarantee of individual product performance.