RALED*PANEL*® RLP

High Performance Panel Lights

RALED_PANEL_® RLP

RALED_PANEL_ ® HIGH PERFORMANCE PANEL SYSTEM

As ordinary ceiling mounted version or as design fixture, our high end panels with only 12 mm thickness and surrounding LED arrangement are outstanding in terms of uniformity, power output and as full colour versions unique at the market. With system power output of up to 78W and many control opportunities our **RALED**_PANEL_® is one of the most advanced fixture in this field. The high end DMX 512 control system is the best choice for full colour ceiling effects.
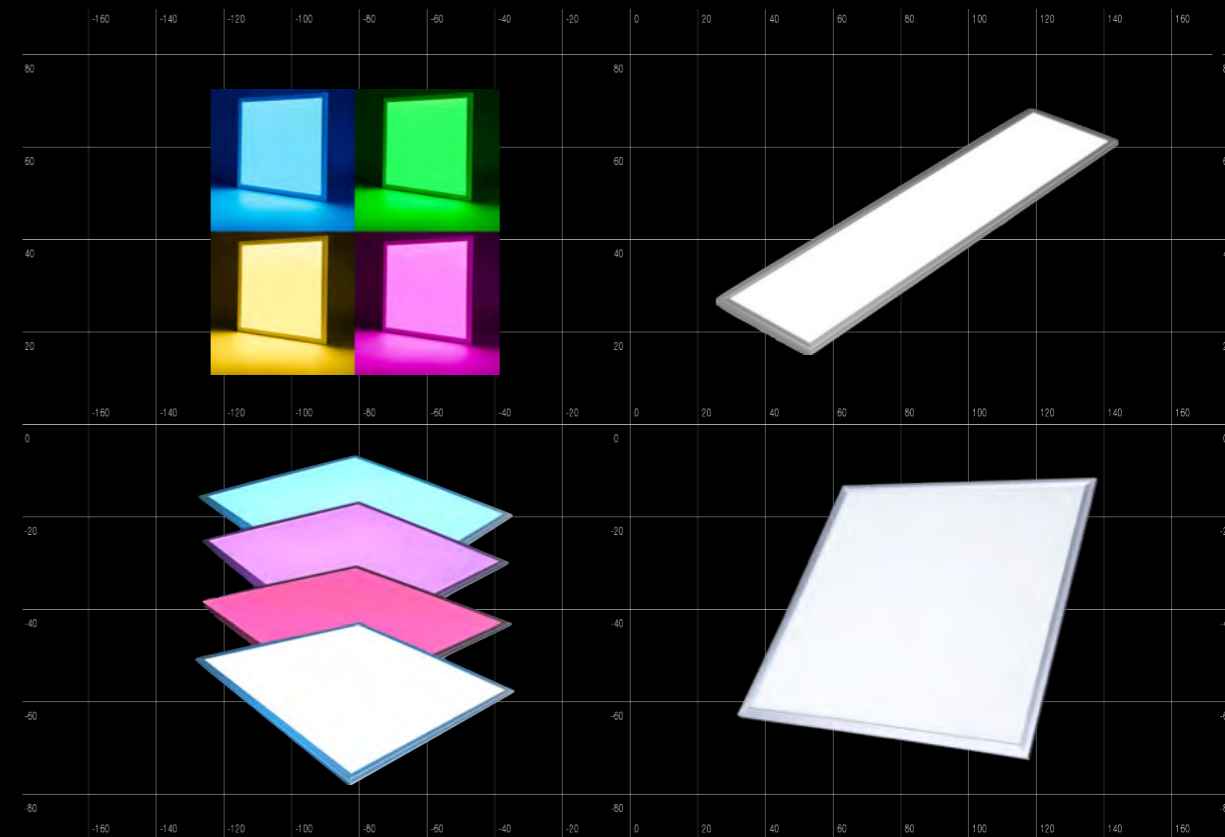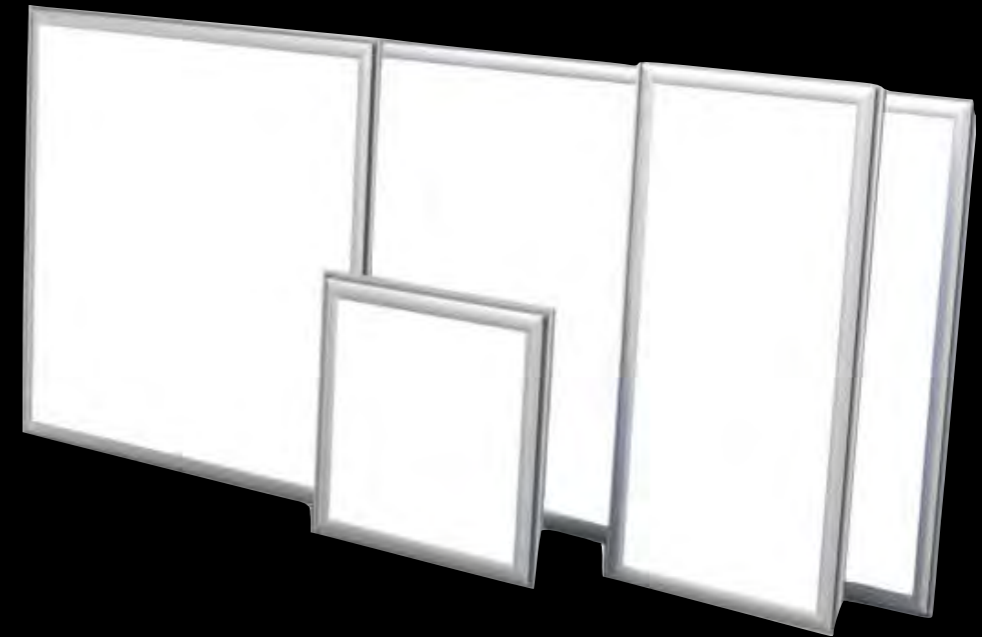
TYPICAL APPLICATIONS:

Office general illumination at highest uniformity level. Special full colour effect lights at meeting rooms, shops and show rooms. Human centric illumination at schools and all other workplaces.

UNIQUE FEATURES:

✓ ultra thin design
✓ surrounding light input
✓ best uniformity
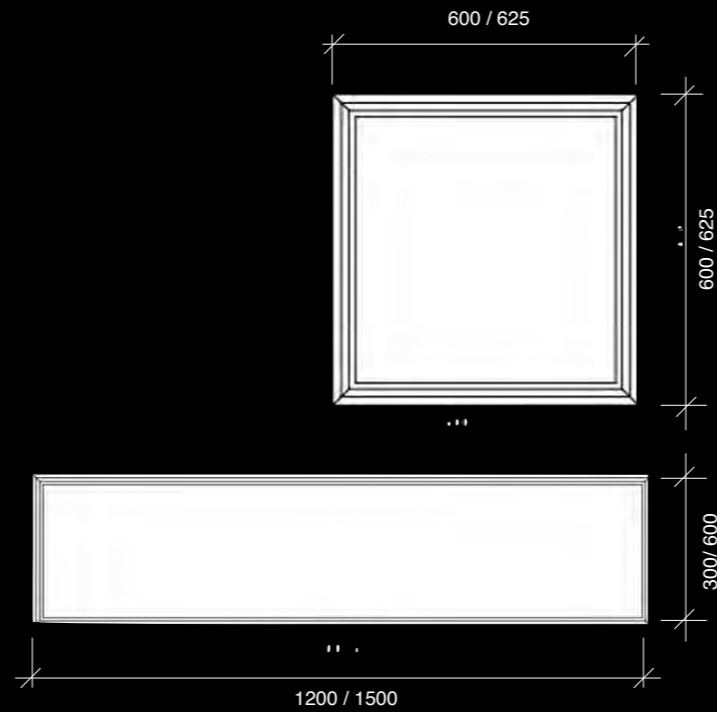✓ full colour
✓ high efficient

„*the ultra thin LED panel light*"
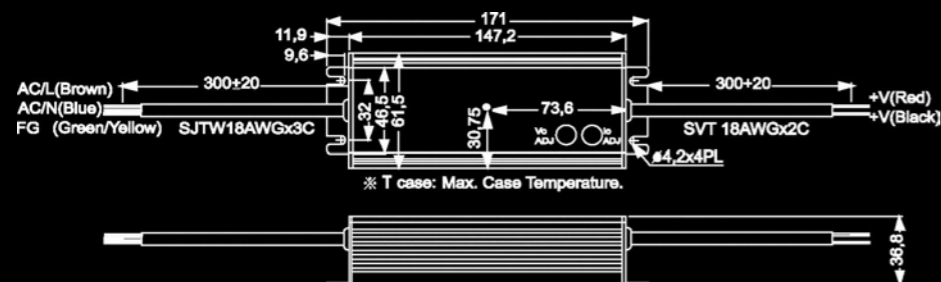
External power supply:

LED configuration:

WW 2700K	NW 4000K	CW 5000K	WW/CW 2700/6500K	RGBWW 2700K

Power supply information (external):

171
147,2
11,9
9,6
AC/L(Brown)
AC/N(Blue)
FG (Green/Yellow) SJTW18AWGx3C
300+20
32
46,5
61,5
30,75
73,6
300+20
+V(Red)
+V(Black)
SVT 18AWGx2C
4,2x4PL
※ T case: Max. Case Temperature.
38,8

Dimensions:

600 / 625

600 / 625

300/ 600

1200 / 1500

Height: 12,0 mm
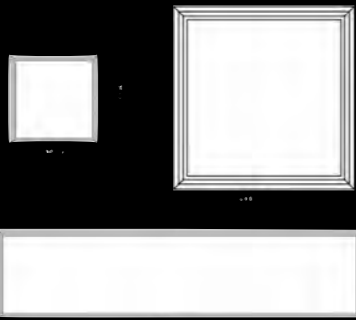
Type:	RLP
System power (WW/NW/CW):	**up to 78W**
System power (RGBW):	single colour max. 72W
	total colour mix max. 74W
Operating voltage (Power supply)	90-308VAC or 24/ 130-430 VDC
Operating frequency:	47 - 63 Hz
Harmonic distortion:	THD < 20%
Operating temperature:	- 25 up to + 60°C
Operating humidity:	10%< φ<90%
Beam angle:	120°
Colour temperature (CCT):	CW / NW / WW / RGBW
Special colours (Dual colour COB):	NW with RGB , WW+CW
Colour rendering (CRI):	> CRI 80
Efficacy (WW/NW/CW)	**112 Lm/W**
Efficacy (RGBW)	R=89/G=104/B=54/W=112 Lm/W
Wavelength (RGB):	R=610 / G=520 / B=470 nm
Appearance:	white/ clear enclosed
Protection degree / class:	IP54 / I /II or III (with ext. power supply)
Life span:	more than 80.000 hours
Control system:	DMX / DALI / 1-10V / custom
Power supply type:	HLG40
Weight:	4,7 kg

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Sample order code:

RLP-1200300-WW-52W-IP54+YH

Model Code:	Dimensions(mm)	COB	CCT	RLP		Protection Degree	Options
RLP							
	620 x 620 x 12	WW	2700K	52W	78W	IP54	Y/ Hanger (+YH)
		NW	4000K				
		RGBWW	2700K	52W/52W in single colour	74W/72W in single colour		
		WW/ CW	2700/6500K				
	1200 x 300 x 12	WW	2700K	52W	78W		
		NW	4000K				
		RGBWW	2700K	52W/52W in single colour	74W/72W in single colour		
		WW/ CW	2700/6500K				
	120 0 x 600 x 12	WW	2700K	52W	78W		
		NW	4000K				
		RGBWW	2700K	52W/52W in single colour	74W/72W in single colour		
		WW/ CW	2700/6500K				
	1500 x 300 x 12	WW	2700K	52W	78W		
		NW	4000K				
		RGBWW	2700K	52W/52W in single colour	74W/72W in single colour		
		WW/ CW	2700/6500K				

WW 2700K	NW 4000K	CW 5000K	WW/CW 2700/6500K	RGBWW 2700K