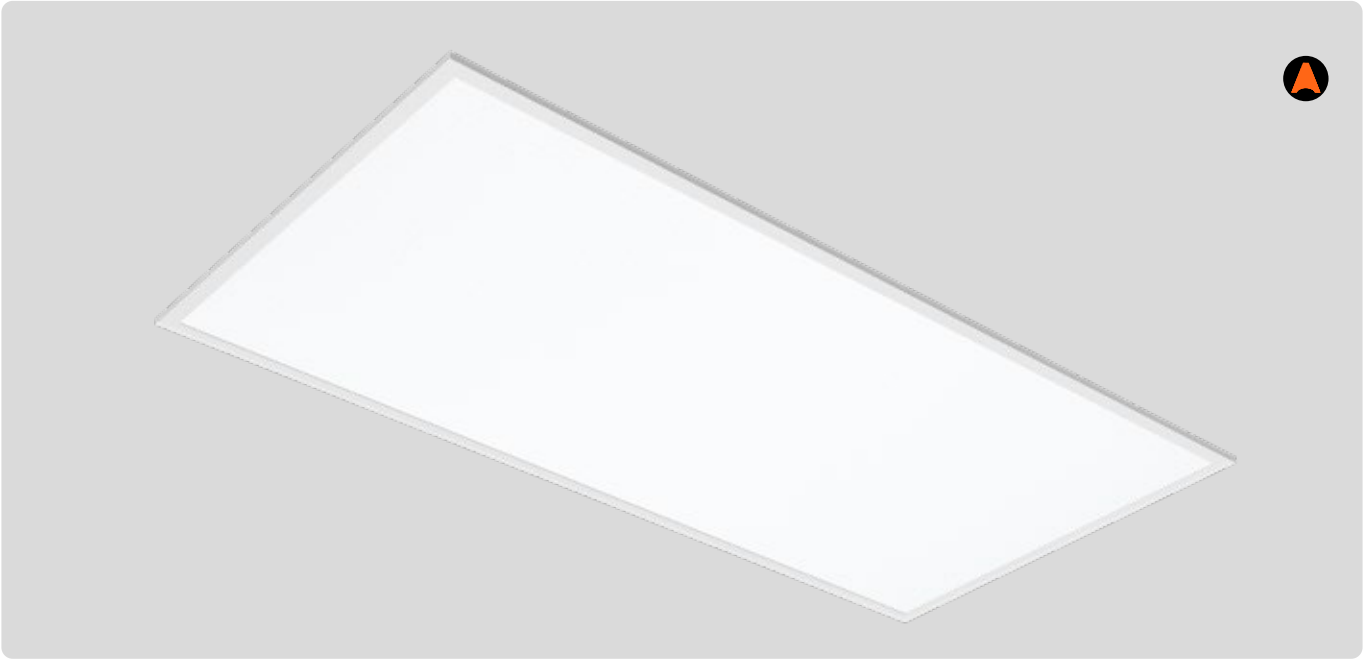


R249	6x3
Standard	18W / <1900lm
Phase-cut	20W / <2100lm
Dali	18W / <1900lm
Casambi	18W / <1900lm

R250	6x6
Standard	25-36W / 2800-3810lm
Phase-cut	43W / 4350lm
Dali	43W / 4350lm
Casambi	43W / 4350lm

R251	12x3
Standard	25-36W / 2800-3810lm
Phase-cut	43W / 4350lm
Dali	43W / 4350lm
Casambi	43W / 4350lm

R252	12x6
Standard	26-46W / 3300-5520lm
Phase-cut	40W / <4880lm
Dali	39-60W / 4760-6980lm
Casambi	46W / 5520lm

Specifications

Input	240V AC
Dimensions	R249: L295 x W595 x H33mm. R250: L595 x W595 x H33mm. R251: L1195 x W295 x H33mm. R252: L1195 x W595 x H33mm.
Colour Temp	Selectable 3000K/4000K or 4000K/5700K
CRI	90
Lifespan	60,000hrs (L80 B10)
UGR	Suitable for installations requiring UGR of less than 19.
Binning	SDCM 3
Finish	Powder Coated White RAL9016
Material	Aluminium, SPCC, PS
Beam	90°
IP Rating	IP44 room side, IP20 rear side
Classification	IC-F / IC-4
Driver	Included, with flex & plug
Dimming/Control	Non-dimmable, Phase-cut Dimmable, Dali or Casambi
TLAs	"Flicker-free", PstLM ≤1.0; SVM ≤0.4
Electrical Class	Class II - double insulated
Application	Commercial suspended ceilings. Surface mount kits available for custom installs.
Cyanosis Compliant	COI <3.3 for Medical applications
Power Factor	0.90
Inrush	R250/R251 Standard: 15A @ 400µs. R252 Standard: 18A @ 400µs
Drivers per MCB	R250/R251 Standard: B16=15/C16=30. R252 Standard: B16=12/C16=25.
Ambient Temp	-20..+40°C
Weight	R249: 1030g. R250: 1790g. R251: 1840g. R252 3610g.
Complete With	Pre-installed Suspension/Restraint tabs
Warranty	5 Year Warranty

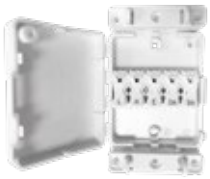


White

Options/Accessories

Surface mount kits, recessed kits and suspension kits available. See page 370 for further details. Custom dimming, control, colour temperatures and CRI options also available on indent order. MOQ's apply.

Dali panels supplied pre-wired with XL Go-link 5 pin speed connector.



Watts/Lumens

**Default factory setting

Version	R249	R250	R251	R252
Standard (Non-Dim)	18W / 1900lm	25W / <2800lm 29W / <3190lm 33W / <3560lm 36W / <3810lm**	25W / <2800lm 29W / <3190lm 33W / <3560lm 36W / <3810lm**	26W / <3300lm 34W / <4250lm 40W / <4880lm 46W / <5520lm**
Phase-cut Dim	20W / 2100lm	43W / 4350lm	43W / 4350lm	40W / <4880lm
Dali	18W / 1900lm	43W / 4350lm	43W / 4350lm	39W / 4760lm, 43W / 5160lm 45W / 5480lm, 49W / 5870lm 53W / 6290lm**, 56W / 660lm 60W / 6980lm
Casambi	18W / 1900lm	43W / 4350lm	43W / 4350lm	46W / 5520lm

Configuration

- Standard Proline panels are supplied as **retail packs**, with panels and drivers packaged together in a single box.
- Phase-cut, DALI, and Casambi versions are supplied as **bulk packs**, with panels and drivers packaged in bulk, separately.
- Not all configurations are available **ex-stock**. Please check online for current stock availability and special-order options.

Available In

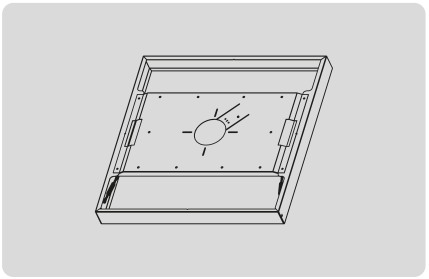
Model	-	Finish-	Colour Temp	Adjustable Wattage	-	Dimming/Control
R249 R250 R251 R252	-	W = White	34K = Selectable 3000K/4000K 457K = Selectable 4000K/5700K	A = Adjustable Output	-	= Non-dim, Retail pack D = Phase-cut Dimmable, Bulk packed DD = Dali, Bulk packed CAS = asambi, Bulk packed

Example code = R250-W34KA-D (6x6, White, Selectable 3000K/4000K with adjustable output phase-cut dimmable driver pre-wired with 2 pin plug and panel secondary quick connect plug. Drivers bulk packed).

Surface Mount Kits

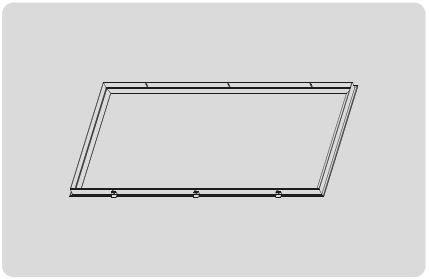
Simple spring loaded installation, laser crosshair for easy alignment, 5mm spacing for uneven surface applications. No visible hardware for a clean modern appearance.

Description	Dimensions	White Code	Black Code
6x6 Surface Mount Kit	603 x 603 x 70mm	R250 SMK	R250 SMKB
12x3 Surface Mount Kit	1203 x 303 x 70mm	R251 SMK	R251 SMKB
12x6 Surface Mount Kit	1203 x 603 x 70mm	R252 SMK	R252 SMKB



Recessed Ceiling Mount Kits

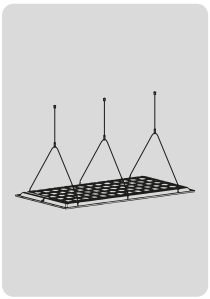
Description	Dimensions	White Code	Black Code
6x6 Recessed Frame Kit	636 x 636 x 40mm Cut Out: 615 x 615mm	R250 RMK	R250 RMKB
12x3 Recessed Frame Kit	1236 x 336 x 40mm Cut Out: 1215 x 315mm	R251 RMK	R251 RMKB
12x6 Recessed Frame Kit	1236 x 636 x 40mm Cut Out: 1215 x 615mm	R252 RMK	R252 RMKB

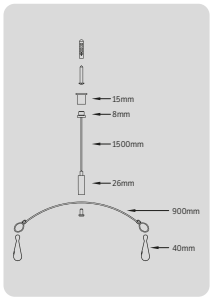


Suspension Kits

Description	Length	Material	Code
6x3 Suspension Kit	500 - 2000mm	Stainless Steel	R250 SS
6x6 Suspension Kit	430 - 1930mm	Stainless Steel	R250 SS
12x3 Suspension Kit	500 - 2000mm	Stainless Steel	R252 SS
12x6 Suspension Kit	430 - 1930mm	Stainless Steel	R252 SS

6x3 and 6x6 Panel requires 2 fixing points.
12x3 and 12x6 panels require 3 (see diagram).





Cable Restraint

Description	Length	Material	Code
Cable Restraint. Pack of 4. (Suitable for R249 R250 R251 R252 R260 R262)	300mm	Stainless Steel	R250 RSK4

