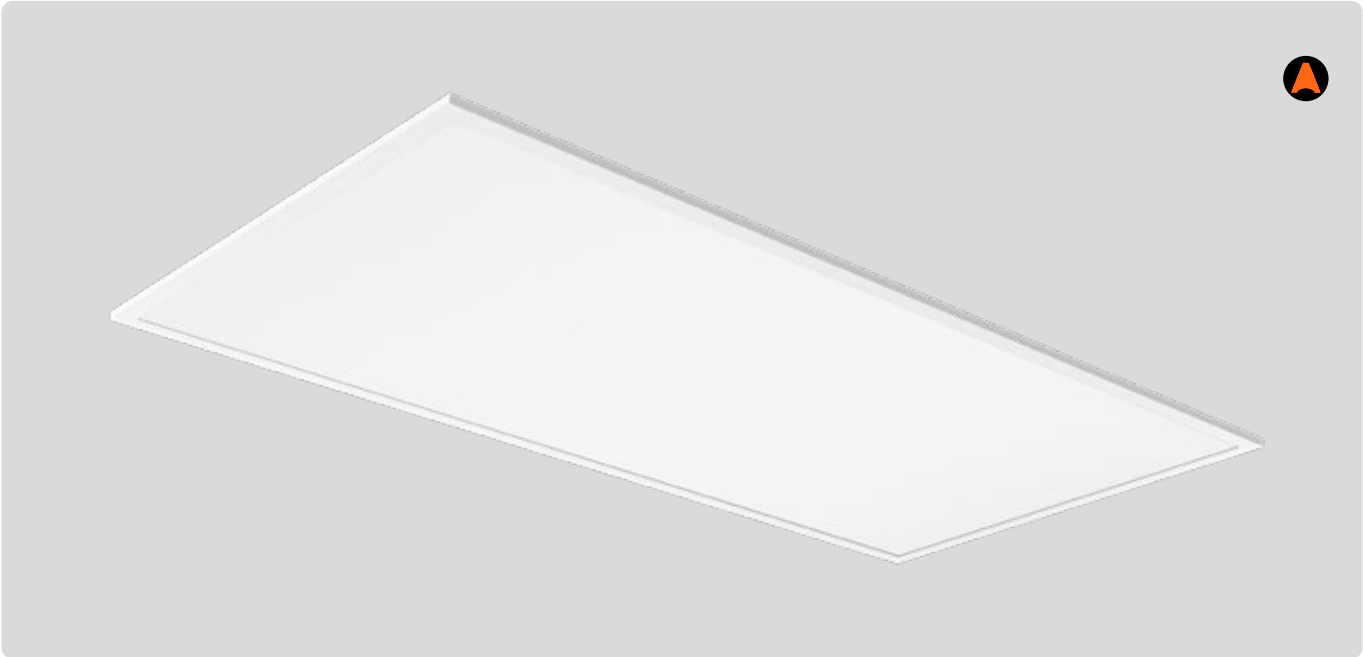


Panels

Interior



R249	6x3	R250	6x6	R251	12x3	R252	12x6
Watts 21W		Watts <42W		Watts <42W		Watts <56W	
Lumens 2200lm		Lumens <4000lm		Lumens <4000lm		Lumens <6200lm	

Specifications

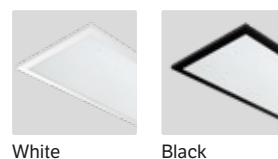
Input	240V AC
Dimensions	R249: L295 x W595 x H32mm. R250: L595 x W595 x H32mm. R251: L1195 x W295 x H32mm. R252: L1195 x W595 x H32mm.
Colour Temp	4000K, 6000K, 2700K - 6500K, (5000K indent only)
CRI	90+ (R9 >65)
Lifespan	60,000hrs (L80 B10)
UGR	Suitable for installations requiring UGR of less than 19.
Binning	SDCM 3
Finish	Powder Coated White RAL9016 or Black
Material	Aluminium, SPCC, PS
Beam	<100°
IP Rating	IP20
Classification	IC-F
Driver	Included, with flex & plug unless specified otherwise (pre-wired, must be installed above insulation).
Dimming/Control	Selectable output (Non-dim), TRIAC, 1-10V, 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
Inrush	R249 Standard: 15A @ 300µs. R250 Standard: 20A @ 300µs. R251 Standard: 20A @ 300µs. R252 Standard: 30A @ 300µs
Drivers per MCB	R249 Standard: B16=18/C16=39. R250 Standard: B16=14/C16=29. R251 Standard: B16=14/C16=29. R252 Standard: B16=9/C16=19.
Ambient Temp	-20..+40°C
Weight	R249: 1200g, R250: 2400g, R251: 2500g, R252: 4900g
Complete With	Pre-installed Suspension/Restraint tabs
Warranty	5 Year Warranty

Watts/Lumens

Version	R249	R250/R251	R252
Standard (Non-Dim)	21W/2200lm	27W/2800lm/700mA 33W/3400lm/850mA 36W/3500lm/900mA 42W/4000lm/1050mA	40W/4700lm/1050mA 46W/5300lm/1200mA 50W/5600lm/1300mA 56W/6200lm/1400mA
TRIAC Primary Dim	21W/2200lm	42W/4000lm	40W/4700lm
Dali, Casambi	21W/2200lm	42W/4000lm	56W/6200lm
1-10V	-	42W/4000lm	56W/6200lm
Low Output	-	-	32W/3800lm/850mA
High Output	-	-	65W/7300lm/1700mA
Casambi Tunable White	-	45W/<4000lm	52W/<6200lm

Available In

Model	Finish	Colour Temp	Driver
R249 R250 R251 R252	W = White B = Black	4 = 4000K 5 = 5000K 6 = 6000K	= Selectable Output (Non-dim), Retail pack BP = Selectable Output (Non-dim), Bulk packed D = TRIAC Dimmable, Bulk packed D10V = 1-10V Dimmable, Bulk packed DD = Dali Dimmable, Bulk packed LO = Low Output, Bulk packed HO2 = High Output, Bulk packed CAS = Casambi, Bulk packed
		CCT = tunable white	CAS = Casambi, Bulk packed



Options/Accessories

Surface mount kits, recessed kits and suspension kits available. See page 362 for further details. Custom dimming, control, colour temperatures and CRI options also available on indent order. MOQ's apply.

CASAMBI

R250 Tunable white 2700K – 6500K Casambi luminaires have a factory default setting of 4000K Natural White. Default setting can be easily adjusted via Casambi app. Halcyon Tunable white luminaires are designed for use as both "normal" fixed CCT luminaires and as fully adjustable colour temperature luminaires with optional circadian rhythm programming.

Configurations

Proline panels are available configured as "Retail" packs (Panel and driver packaged together in a single box) or "Bulk" packs (Panel and Driver bulk packed separately). White 4K standard panels are available in "retail" or "bulk" packaging. Black, 5K, 6K, Casambi, Dimmable, Dali and 1-10V products are bulk packed only.

Not all product configurations are available ex stock. MOQ's apply for special order product. See full specifications online for details on all stocked and special-order options.

Example code = **R250 W4DD** (White, 4000K with Dali driver pre-wired with 2 pin plug and panel secondary quick connect plug. Drivers bulk packed).



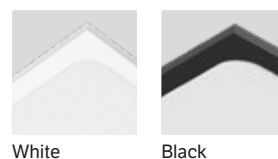
R270	6x6
<hr/>	
Watts <35W	
<hr/>	
Lumens <4200lm	

R271	12x3
<hr/>	
Watts <35W	
<hr/>	
Lumens <4025lm	

R272	12x6
<hr/>	
Watts <54W	
<hr/>	
Lumens <6500lm	

Specifications

Input	240V AC
Dimensions	R270: L595 x W595 x H33mm R271: L1195 x W295 x H33mm R272: L1195 x W595 x H33mm
Colour Temp	4000K
CRI	95 (R9 <98)
Lifespan	>72,000hrs (L80 B10)
UGR	Suitable for installations requiring UGR of less than 19.
Binning	SDCM 3
Finish	Powder Coated White or Black
Material	PC Diffuser, SPCC Tray, Aluminium
Beam	<100°
IP Rating	IP20
Classification	IC-F. Driver must be installed above insulation.
Driver	Included, with flex & plug unless specified otherwise (pre-wired, must be installed above insulation).
Dimming/Control	Non-dimmable, TRIAC, 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
Ambient Temp	-20..+40°C
Weight	R270: 2084g, R271: 2200g, R272: 4556g
Complete With	Pre-installed Suspension/Restraint tabs
Warranty	5 Year Warranty



Options/Accessories

Surface mount kits, recessed kits and suspension kits available. See page 362 for further details. Custom dimming, control, colour temperatures and CRI options also available on indent order. MOQ's apply.

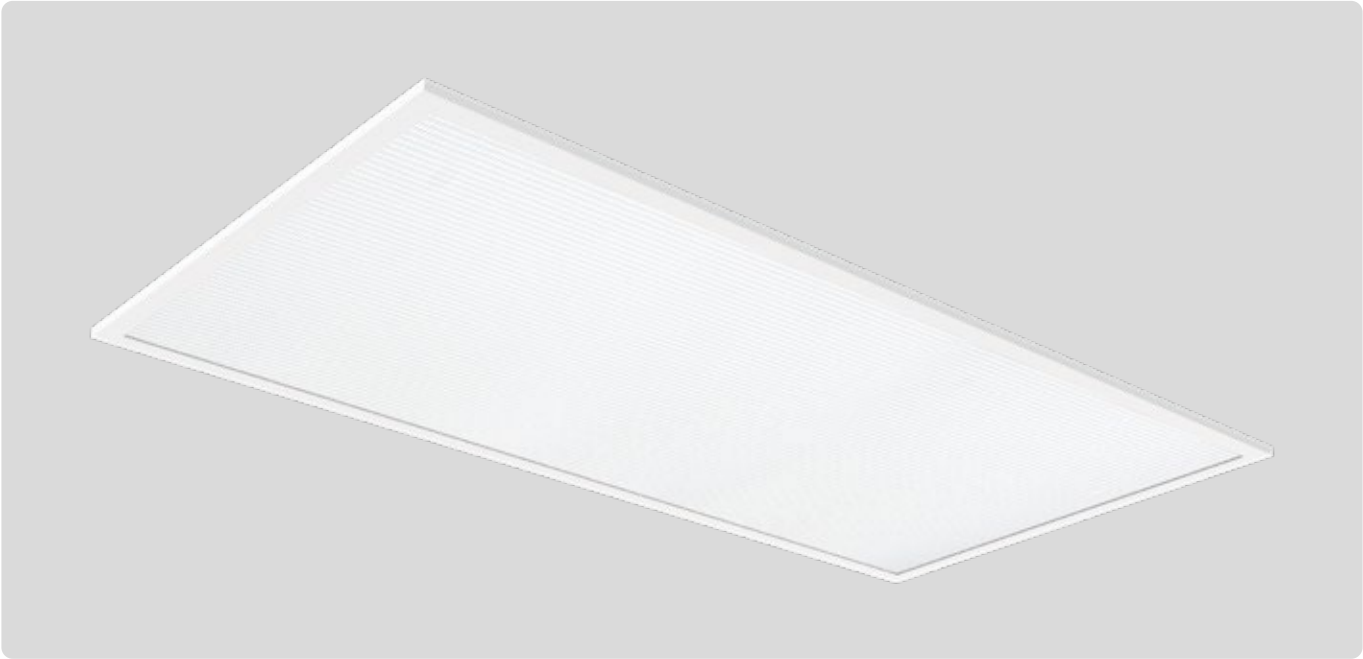
Watts/Lumens

Version	R270	R271	R272
Standard (Non-Dim)	24W/650mA/3050lm 28W/750mA/3500lm 32W/850mA/3900lm 35W/930mA/4200lm	24W/650mA/3000lm 28W/750mA/3350lm 32W/850mA/3750lm 35W/930mA/4025lm	40W/1050mA/5050lm 46W/1200mA/5700lm 50W/1300mA/6100lm 54W/1400mA/6500lm
TRIAC Primary Dim	35W/4200lm	35W/4025lm	40W/5050lm
Dali	35W/4200lm	35W/4025lm	54W/6500lm
Casambi	35W/4200lm	35W/4025lm	46W/5700lm

Available In

Model	-	Finish	Colour Temp	Driver
R270 R271 R272	-	W = White B = Black	4K = 4000K	A = Selectable Output (Non-dim) -D = TRIAC Dimmable -DD = Dali Dimmable -CAS = Casambi

Example code = **R270-W4KA**
(6x6, <35W, White, 4000K with Selectable Output driver pre-wired with 2 pin primary plug and secondary quick connect plug. Panels and drivers bulk packed separately for ease of installation.).



R260	6x6
Watts 45W	
Lumens 3400lm	

R262	12x6
Watts 65W	
Lumens 5100lm	

Specifications

Input	240V AC
Dimensions	R260: L595 x W595 x H25.8mm R262: L1195 x W595 x H25.8mm
Colour Temp	4000K
CRI	CRI97 (R9>93)
Lifespan	50,000hrs (L80 B10)
UGR	Suitable for installations requiring UGR of less than 19.
Binning	SDCM 3
Finish	White RAL9016 Powder Coated
Material	Aluminium Frame, PS Diffuser, PMMA LGP
Beam	80°
IP Rating	IP65
Classification	IC-F
Driver	Included, with flex & plug unless specified otherwise (pre-wired, must be installed above insulation). Standard non-dimmable IP67 driver. TRIAC, Dali and 1-10V IP20 driver.
Dimming/Control	Non-dimmable, TRIAC, 1-10V or Dali
TLAs	"Flicker-free", PstLM ≤1.0; SVM ≤0.4
Electrical Class	Class II - double insulated
Application	Suspended ceilings in medical, cleanroom, food processing and rugged environments requiring high ingress protection and high colour rendering. Surface mount and plaster recess kits available for custom installs.
Cyanosis Compliant COI <3.3 for Medical applications	
Antimicrobial Coating	Diffuser and frame 99.9% effective against bacteria*, suitable for cleanroom / hygienic applications. *Escherichia coli & Staphylococcus aureus
Power Factor	0.95
Inrush	R260: 25A @ 200µs, R262: 30A @ 300µs
Drivers per MCB	R260: B16=16 / C16=35, R262: B16=9 / C16=19
Ambient Temp	-20..+40°C
Weight	R260: 3800g, R262: 7000g
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 362 for further details.

Watts/Lumens

Version	R260	R262
Standard (Non-Dim)	45W/3400lm	65W/5100lm
TRIAC Primary Dim	45W/3400lm	-
Dali	45W/3400lm	65W/5100lm
0/1-10V	45W/3400lm	65W/5100lm

Available In

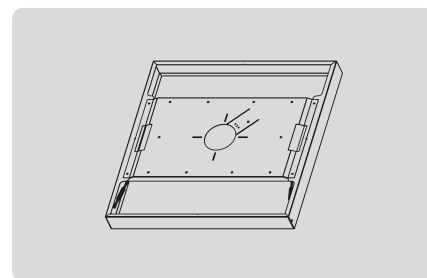
Model	Finish	Colour Temp	Driver
R260	W= White	4 = 4000K	<div></div> = Standard driver D = TRIAC Dimmable D10V = 1-10V Dimmable DD = Dali Dimmable
R262			

Example code = **R260 W4**
(6x6, 45W, White, 4000K with Non-dimmable driver pre-wired with 2 pin plug and panel secondary quick connect plug).

Surface Mount Kits

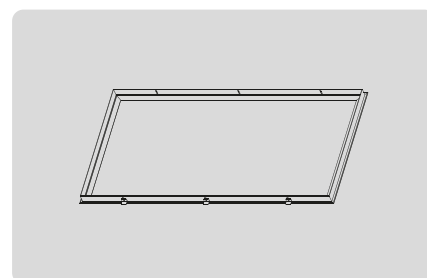
Simple spring loaded installation, laser crosshair for easy alignment, 5mm spacing for uneven surface applications. No visible hardware for a clean modern appearance.

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

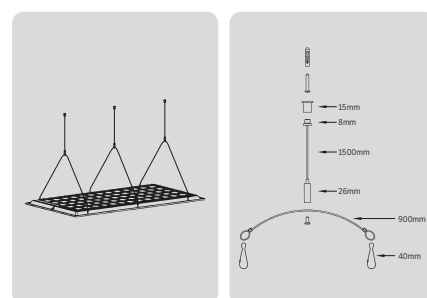
Description	Dimensions	White Code	Black Code
6x6 Recessed Frame Kit	636 x 636 x 40mm Cut Out: 615 x 615mm	R250 RMK	R250 RMKB
12x3 Recessed Frame Kit	1236 x 336 x 40mm Cut Out: 1215 x 315mm	R251 RMK	R251 RMKB
12x6 Recessed Frame Kit	1236 x 636 x 40mm Cut Out: 1215 x 615mm	R252 RMK	R252 RMKB



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

