

**XD** PROFILES



DESIGNED TO INSPIRE AND CRAFTED  
TO LAST, XD PROFILES REDEFINE  
ARCHITECTURAL LIGHTING SOLUTIONS.  
WITH OUR COMMITMENT TO  
QUALITY, SUSTAINABILITY, AND LOCAL  
MANUFACTURING, WE PROVIDE A  
SEAMLESS FUSION OF INNOVATION  
AND RELIABILITY, GIVING YOU THE  
CONFIDENCE TO CREATE  
AWE-INSPIRING SPACES THAT  
CAPTIVATE AND ENGAGE.

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## QUALITY

We take pride in delivering products of exceptional quality. Manufactured in Australia using high-quality components, our profiles are built to withstand the test of time and perform flawlessly in a variety of applications. Unlike many products that are assembled on-site, our XD profiles are cut and assembled with meticulous precision in our factory in NSW. This level of attention to detail ensures that every millimetre of our profiles meets the highest quality standards. From the accurate lengths to the precise soldering of the LED strips, we leave no room for compromise when it comes to quality assurance.

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## SUSTAINABLE

As a responsible manufacturer, sustainability is at the core of our operations. Our XD profiles are not only designed to enhance the aesthetics and functionality of your spaces, but they are also engineered with sustainability in mind. We use aluminium extruded in New Zealand, where the majority of energy is sourced from renewable energy sources. By choosing our XD profiles, you're making an environmentally conscious decision. Moreover, our profiles are built to last longer, minimising waste and reducing the need for frequent replacements.

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## AUSTRALIAN

When you choose us, you're not just choosing superior architectural linear profiles – you're supporting Australian manufacturing. Our XD profiles are proudly Australian Made, reflecting our commitment to local production and contributing to the growth of the Australian economy. By choosing our Australian-made products, you can have confidence in the quality, reliability, and adherence to stringent manufacturing standards. Furthermore, our proximity allows us to provide responsive customer service, faster delivery times, and a greater ability to tailor our products to suit your specific project needs.

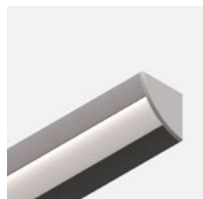
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## CUSTOM

We understand that every project is unique, and that's why we offer customisation options to cater to your specific requirements. Our XD range provides a wide selection of profiles, including the classic designs, as well as unique and specialist products for more demanding applications. XD profiles give you the flexibility to bring your vision to life.

# PRODUCT RANGE

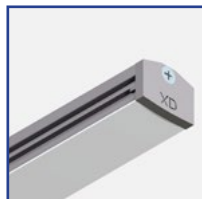
See inside for curated collection of applications featuring XD Profiles.



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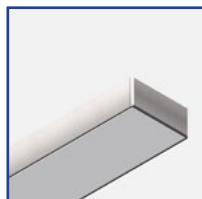
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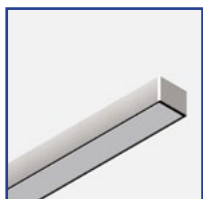
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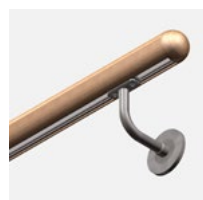
**GROTTO R1**



**GROTTO S1**



**GROTTO S2**



**RICHIE RAIL 18**



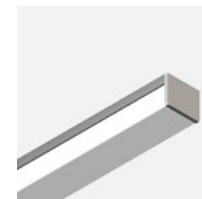
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**SIDEWAYS  
SALLY 5C**



**SIDEWAYS  
SALLY 5R**



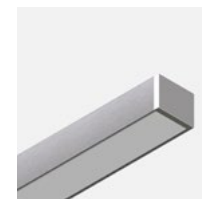
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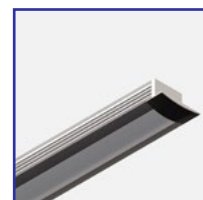
**SWEET 16**



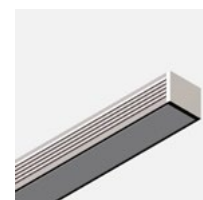
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**WHERE'S  
BEN 25**

## VIRGIN AUSTRALIA LOUNGE

*Adelaide*

Lighting Design: ARUP

Architect: WMK Architecture





# COVERT CHARLIE 20

*Specifically Designed  
for Cove Lighting*

A playful, affordable solution that replaces outdated fluorescent fixtures in commercial cove applications. Meticulously designed and tested on a full-scale cove mockup, we prioritised aesthetics and practicality. With four optical systems, we cater to diverse cove sizes, ensuring optimal lighting tailored to your unique requirements. Upgrade to Covert Charlie and embrace affordable brilliance in your commercial space.

**INSTALLATION** Interior | Exterior (IP65 LED strip)

**DISTRIBUTION** Semi-circular | Flat Opal | Narrow Beam | Asymmetrical

**MOUNTING** Surface Mounted





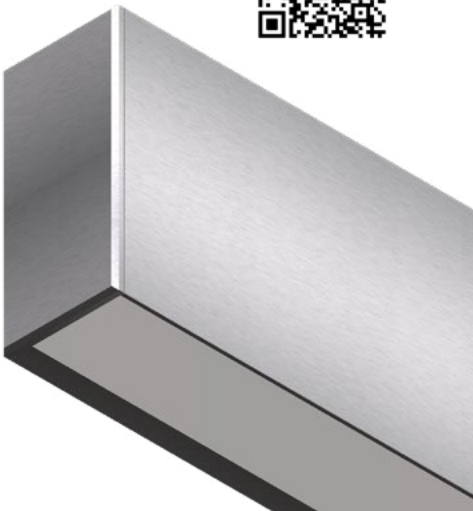


**HAMMOND STUDIO**  
Sydney  
Architect: Hammond Studio

# BOB EACH WAY 65

*Light Every Which Way*

Bob Each Way 65 is a compact solution for exceptional uplighting and downlighting. With its versatility and adaptability, this remarkable system offers a range of mounting options, including surface mount, wall mount, and suspended configurations. Choose between wire and rod suspension options to suit your specific needs, ensuring a seamless integration with your desired space. Experience the perfect balance of functionality and style with the Bob Each Way 65 profile, where versatility meets effortless illumination.



<b>INSTALLATION</b>	Interior   Exterior (IP65 LED strip)
<b>DISTRIBUTION</b>	Direct and/or Indirect
<b>MOUNTING</b>	Surface Mounted   Suspended







## ROCHE PHARMACEUTICALS Sydney

Lighting Design: NDY Light  
Architect: Hassell

# SONNY SIDE UP 22

## Light On Up

Sonny Side Up 22 is a specialised linear lighting profile that is designed to provide a powerful uplight effect. Don't be fooled by its petite size as it packs a mighty punch of light, with a bright and efficient light that can dramatically enhance any space. With its sleek and streamlined design, it adds a modern and elegant touch to any architectural project.

<b>INSTALLATION</b>	Interior   Exterior (IP65 LED strip)
<b>DISTRIBUTION</b>	Indirect
<b>MOUNTING</b>	Suspended





**PIRATE LIFE BREWERY**  
Perth  
Architect: Cox Architecture





# DOWNHILL DAN 14

## Streamlined Radiance

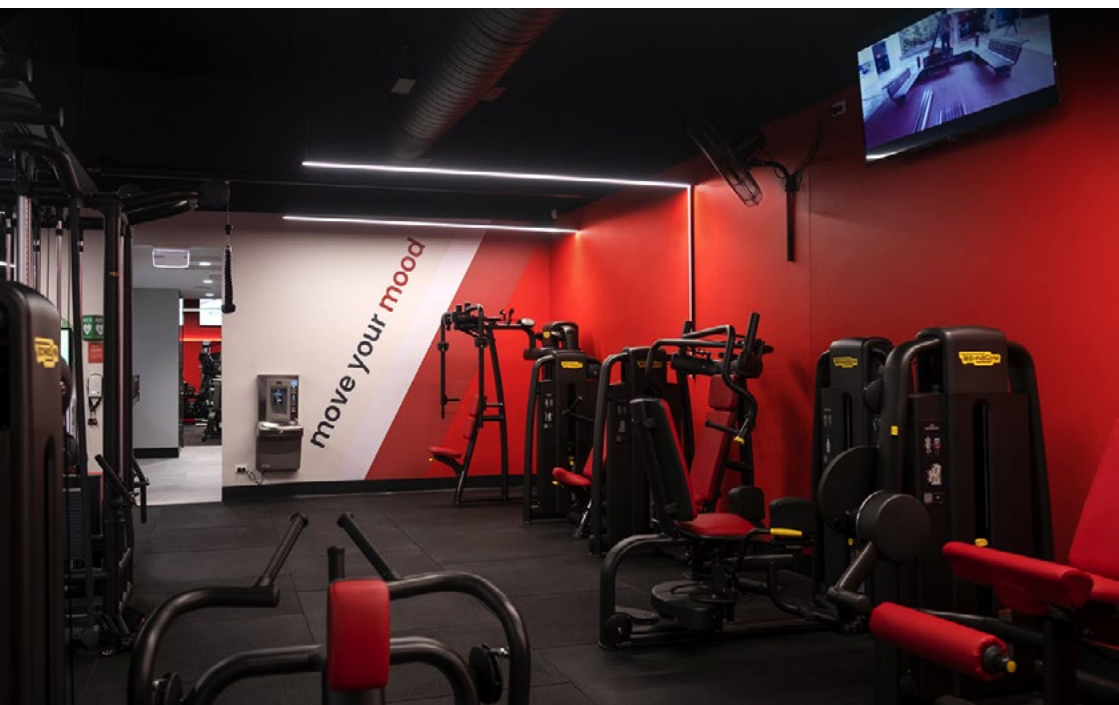
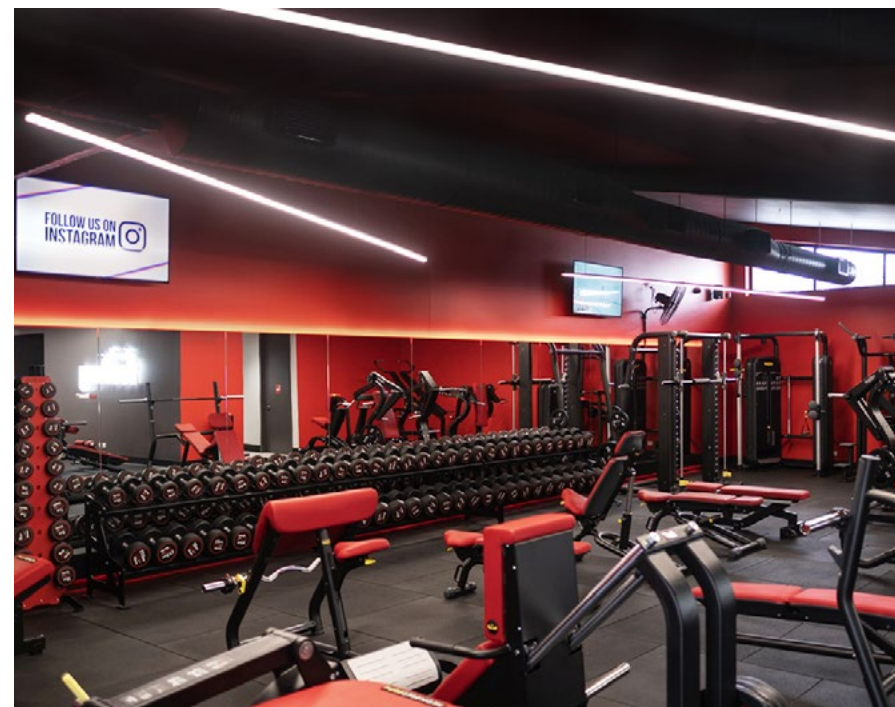
The compact luminaire revolutionising dot-free lighting. With its versatility and charm, this dynamic system offers an array of mounting options, including surface mount, recessed, and suspended configurations. Plus, our ingenious recessing system for plasterboard ceilings and walls guarantees an impeccable, trimless finish with every installation. Illuminate your space flawlessly with Downhill Dan 14, where lighting meets playful ingenuity.



<b>INSTALLATION</b>	Interior   Exterior (IP65 LED strip)
<b>MOUNTING</b>	Recessed   Suspended   Surface Mounted







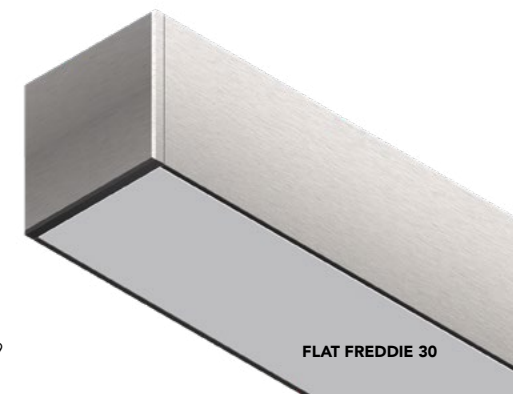
## FLAT FREDDIE 30

### *Architectural Radiance*

Meet Flat Freddie 30, the architectural cousin of Downhill Dan 30. This sleek and square profile exudes style while the super-efficient diffuser ensures maximum light output, offering up to 30 W per meter LED strip.

**INSTALLATION** Interior | Exterior (IP65 LED strip)

**MOUNTING** Recessed | Suspended | Surface Mounted





## STRAWBERRY HOUSE

Adelaide

Lighting Design: CplusC  
Architectural Workshop



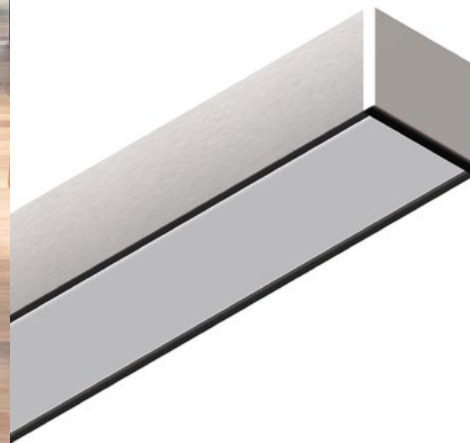
## FLAT FREDDIE 14

*Clean and Simple*

**INSTALLATION** Interior | Exterior (IP65 LED strip)

**MOUNTING** Recessed | Suspended |  
Surface Mounted

Embrace the epitome of versatility with our beloved profile. Combining simplicity and refined design, this sleek marvel adds a contemporary touch to any space. Whether surface mounted or recessed, Flat Freddie 14 effortlessly adapts to your design needs. To unlock its true potential, pair with IP65 LED strips for a myriad of possibilities, including outdoor or bathroom applications.





# TRIM TIM 13

## *Illuminate with Precision*

A contemporary to Downhill Dan 14, boasting similar dimensions and outstanding features, with added recessing trims to elegantly conceal cut edges of joinery or plasterboard when recessing. Not to mention the ingenious small ribs on either side of the profile, allowing friction-fitting into an 18mm routed slot in joinery, eliminating the need for screws. With its slim 13mm depth, Trim Tim 13 ensures flawless "dot-free" lighting even in building materials as thin as 18mm.



**INSTALLATION** Interior | Exterior (IP65 LED strip)

**MOUNTING** Recessed | Suspended | Surface Mounted



CASA DEL SUD

Kiama

Builder: Boom Build



# WHERE'S BEN 14

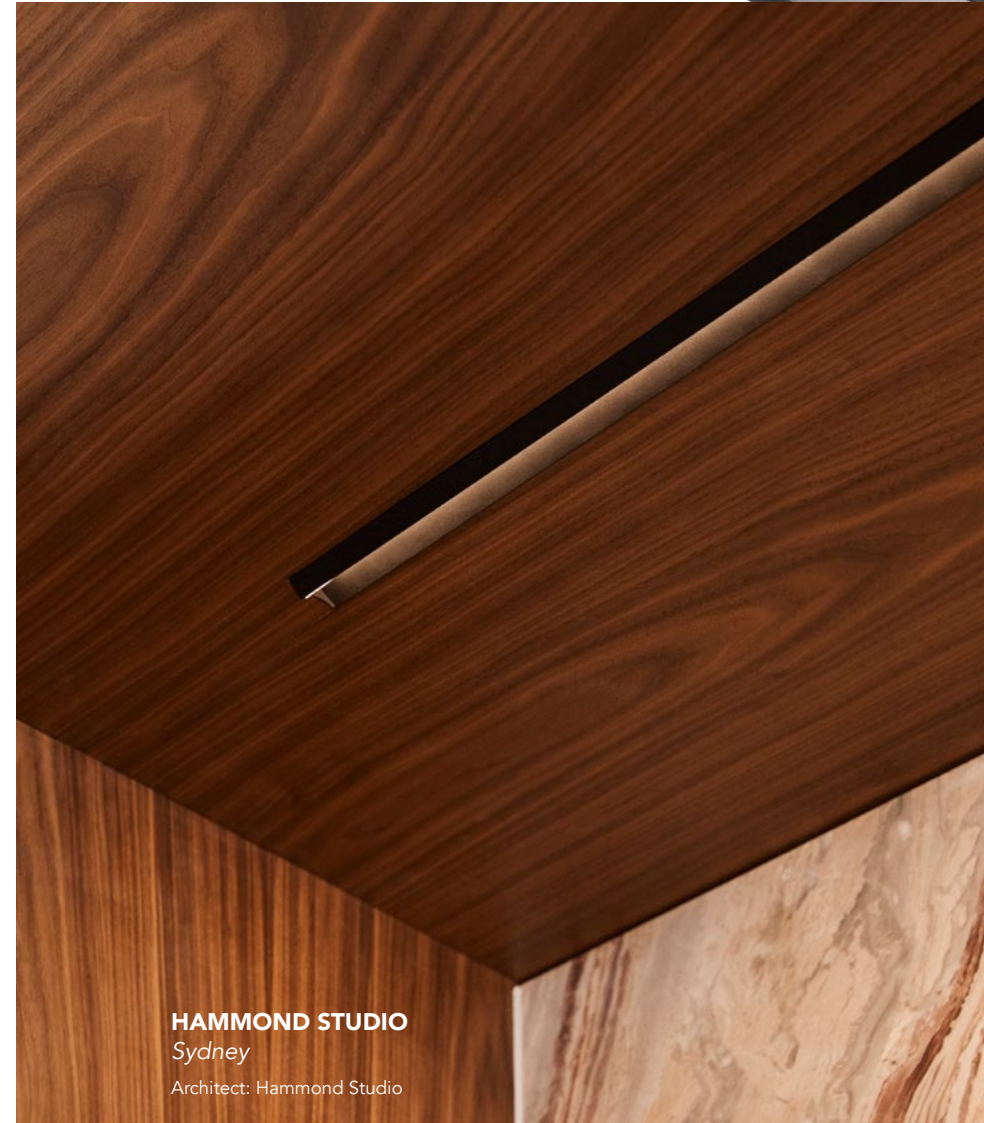
## *Direct Your Light*

Where's Ben 14 was born to solve a lighting problem – to wash light on to walls with minimal light spill back on to the ceiling. Although Where's Ben 14 can be surface mounted, it was designed primarily to be trimless recessed into 13mm plasterboard.



**INSTALLATION** Interior | Exterior (IP65 LED strip)

**MOUNTING** Recessed | Suspended |  
Surface Mounted





**BUREAU SRH**  
Sydney  
Architect: Bureau SRH

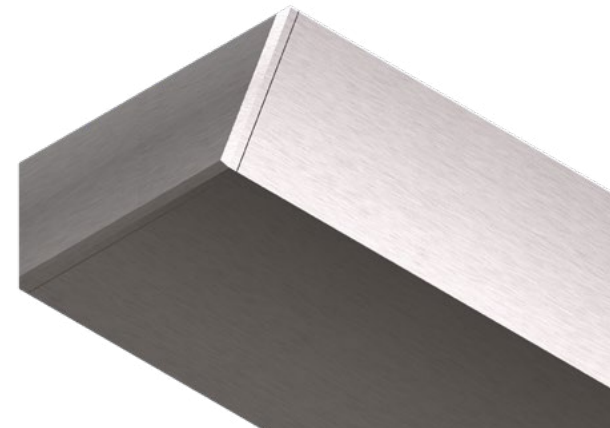
## DADO DAVE 20

### *Sleek and Powerful*

Designed for high-output up lighting, this linear profile maximises asymmetric light distribution for a smooth and glare-free glow. With up to 2500lm per meter, it's a true powerhouse. Quick screw-fixing, a clip-in aluminium lid, and a mounting adaptor for flush mounting make installation a breeze.

**INSTALLATION** Interior | Exterior (IP65 LED strip)

**MOUNTING** Surface Mounted







# DOWNHILL DAN 22

## Clean Lines, Bright Spaces

Unleash the power of illumination with our mightiest downlighting system yet. By harnessing the brilliance of two LED strips side-by-side, this profile is the ultimate choice for applications demanding maximum light output. Versatility at its finest, Downhill Dan 22 seamlessly adapts to your preferred mounting style, be it surface mount, suspended, or with our state-of-the-art recessing systems for plasterboard ceilings and walls create a captivating trimless finish that exudes elegance.

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<b>INSTALLATION</b>	Interior   Exterior (IP65 LED strip)
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<b>MOUNTING</b>	Recessed   Suspended   Surface Mounted
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**ELARA SHOPPING CENTRE**  
Sydney  
Architect: Leffler Simes Architects





**HE ARA KOTAHI**  
New Zealand

Lighting Design: Fifth Season Design








# RICHIE RAIL 26

## Guiding Glow

Richie Rail 26 is an illuminated handrail system like no other, sporting a remarkable 48.3mm diameter. Our hollow wall brackets work their magic, cleverly concealing the power supply to the LED strip, while the low voltage input ensures a touch-safe experience. Say goodbye to complexity with our ingenious sliding wall brackets, allowing for minimal power feeds and effortless installation.

Versatile and adaptable, Richie Rail 26 is equally at home in residential and commercial settings, gracing stairs, thoroughfares, accessible routes, and even exterior urban spaces. And let's not forget the option for continuous emergency lighting, complete with a remote-mounted emergency pack. Embrace the perfect blend of practicality and playfulness with Richie Rail 26, where safety meets illuminating delight.

<b>INSTALLATION</b>	Interior   Exterior (IP65 LED strip)
<b>MOUNTING</b>	Wall Mounted
<b>EMERGENCY</b>	AS/NZS2293 



**TECHNICAL  
INFORMATION**



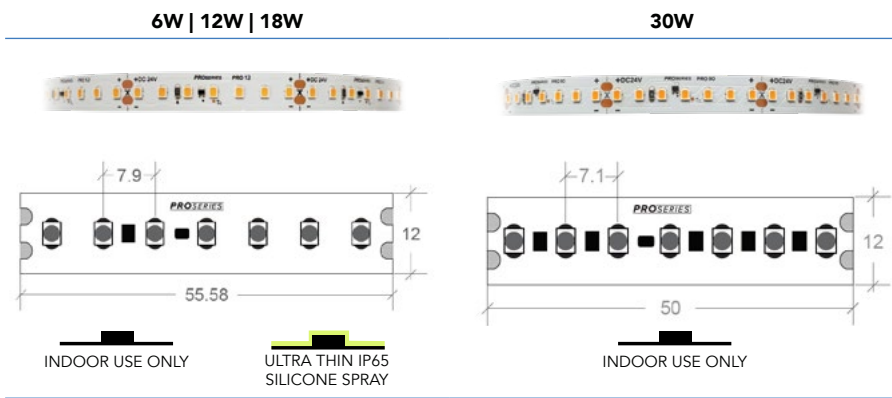
# LED STRIPS

## PRO Series

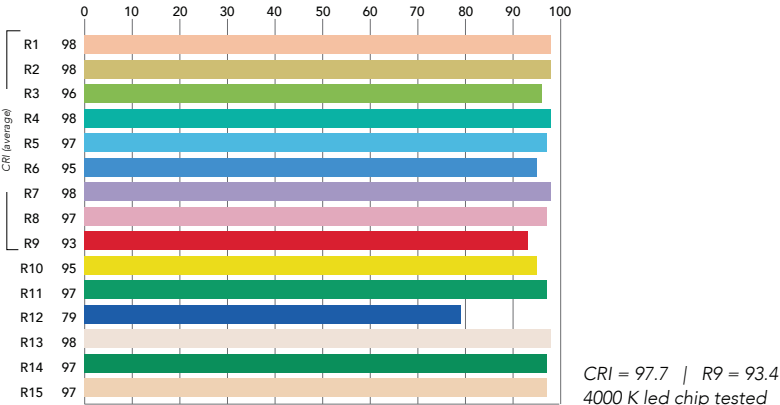
Made for high-performance, our PRO Series LED strip is available in 6, 12, 18, and 30 watts offering a range of lumen packages perfect for any lighting application.

The superior quality of our PRO Series all starts with the chip. We use an LED with exceptionally high colour rendering, and source from a single 'bin' to achieve 2-step MacAdam ellipse colour consistency. Our confidence in PRO Series is your confidence, as it comes backed with our 7 year Light Culture Warranty'

INPUT VOLTS	24 V DC
OPERATING TEMP	-20°C ~ +60°C
CRI	≥ 95
R9	80+
SOURCE LIFE	L80 B10 = 82,000 hrs
CONTROL	Dimmable by PWM
CHROMATIC SELECTION	MacAdam 2 Step
WARRANTY	7 Years



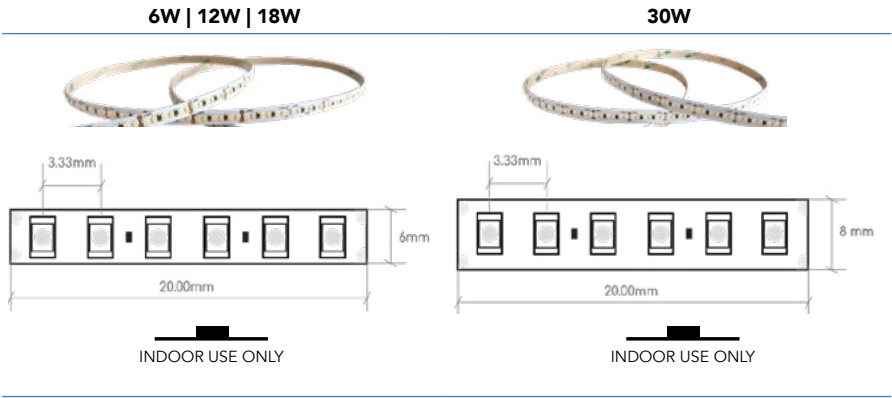
CRI CHART



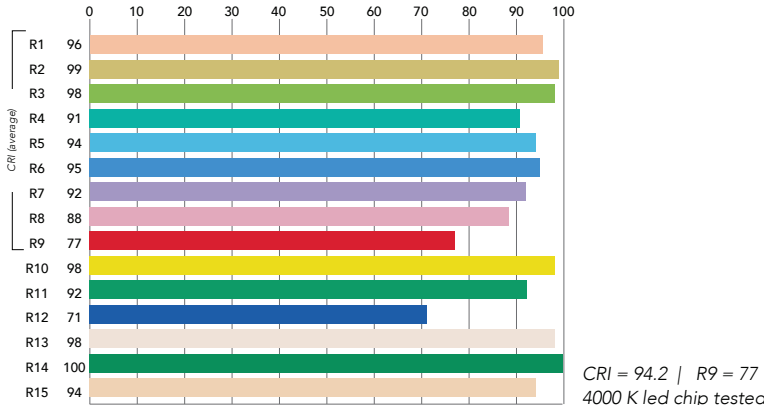
## SPEC Series Slim

SPEC Series Slim is a range of specification-level LED strip with a slim PCB width allowing for easy installation in narrow applications. An extremely narrow pitch offers "dot-free" lines of light in our shallow profiles such as 'Tiny Tim 11' and 'Trim Tim 7'.

INPUT VOLTS	24 V DC
OPERATING TEMP	-20°C ~ +45°C
CRI	≥ 90
R9	50+
SOURCE LIFE	L70 = 50,000 hrs
CONTROL	Dimmable by PWM
CHROMATIC SELECTION	MacAdam 3 Step
WARRANTY	7 Years



CRI CHART



# LUMEN OUTPUT MATRIX

PRO Series IP20 & IP65									
		6 W/m			12 W/m			18 W/m	
		2700 K	3000 K	4000 K	2700 K	3000 K	4000 K	2700 K	3000 K 4000 K
ANGLE ANDY 25		237 lm	237 lm	256 lm	493 lm	493 lm	529 lm	730 lm	776 lm 785 lm
BOB EACH WAY 65	UP	564 lm	564 lm	608 lm	1172 lm	1172 lm	1259 lm	1736 lm	1845 lm 1866 lm
	DOWN	273 lm	273 lm	294 lm	567 lm	567 lm	609 lm	840 lm	893 lm 903 lm
COVERT CHARLIE 20	SC	473 lm	473 lm	509 lm	982 lm	982 lm	1054 lm	1454 lm	1545 lm 1563 lm
	FO	365 lm	365 lm	393 lm	758 lm	758 lm	814 lm	1123 lm	1193 lm 1207 lm
	NB	557 lm	557 lm	600 lm	1157 lm	1157 lm	1243 lm	1714 lm	1821 lm 1843 lm
	ASY	550 lm	550 lm	592 lm	1142 lm	1142 lm	1227 lm	1692 lm	1798 lm 1819 lm
DADO DAVE 20		513 lm	513 lm	552 lm	1065 lm	1065 lm	1144 lm	1578 lm	1677 lm 1696 lm
DOWNHILL DAN 10		255 lm	255 lm	274 lm	529 lm	529 lm	568 lm	784 lm	833 lm 843 lm
DOWNHILL DAN 14		289 lm	289 lm	312 lm	601 lm	601 lm	645 lm	890 lm	946 lm 957 lm
DOWNHILL DAN 22		679 lm	679 lm	731 lm	1409 lm	1409 lm	1514 lm	2088 lm	2219 lm 2245 lm
DOWNHILL DAN 30		277 lm	277 lm	298 lm	574 lm	574 lm	617 lm	851 lm	904 lm 915 lm
DOWNHILL DAN 35		314 lm	314 lm	338 lm	652 lm	652 lm	700 lm	966 lm	1026 lm 1038 lm
FLAT FREDDIE 14		294 lm	294 lm	316 lm	610 lm	610 lm	655 lm	904 lm	961 lm 972 lm
FLAT FREDDIE 30		396 lm	396 lm	427 lm	823 lm	823 lm	884 lm	1220 lm	1296 lm 1311 lm
FLAT FREDDIE 35		314 lm	314 lm	338 lm	652 lm	652 lm	700 lm	966 lm	1026 lm 1038 lm
RICHIE RAIL 17		294 lm	294 lm	316 lm	610 lm	610 lm	655 lm	-	- -
RICHIE RAIL 20		171 lm	171 lm	184 lm	355 lm	355 lm	381 lm	526 lm	559 lm 565 lm
RICHIE RAIL 26		207 lm	207 lm	223 lm	429 lm	429 lm	461 lm	636 lm	676 lm 684 lm
SIDEWAYS SALLY 5C		488 lm	488 lm	525 lm	1013 lm	1013 lm	1088 lm	1500 lm	1594 lm 1613 lm
SIDEWAYS SALLY 5R		495 lm	495 lm	533 lm	1029 lm	1029 lm	1105 lm	1524 lm	1619 lm 1638 lm
SIDEWAYS SALLY 20C		488 lm	488 lm	525 lm	1013 lm	1013 lm	1088 lm	1500 lm	1594 lm 1613 lm
SIDEWAYS SALLY 20R		495 lm	495 lm	533 lm	1029 lm	1029 lm	1105 lm	1524 lm	1619 lm 1638 lm
SIMPLE SIMON 7		650 lm	650 lm	700 lm	1350 lm	1350 lm	1450 lm	2000 lm	2125 lm 2150 lm
SONNY SIDE UP 22		439 lm	439 lm	473 lm	913 lm	913 lm	980 lm	1352 lm	1437 lm 1453 lm
SWEET 16 - UP		1114 lm	1114 lm	1200 lm	2314 lm	2314 lm	2485 lm	3428 lm	3642 lm 3685 lm
SWEET 16 - DOWN		338 lm	338 lm	364 lm	702 lm	702 lm	754 lm	1040 lm	1105 lm 1118 lm
TRIM TIM 13		289 lm	289 lm	312 lm	601 lm	601 lm	645 lm	890 lm	946 lm 957 lm
TRIMLESS TIM 15		294 lm	294 lm	316 lm	610 lm	610 lm	655 lm	904 lm	961 lm 972 lm
WATTS UP 240		362 lm	362 lm	390 lm	753 lm	753 lm	809 lm	1115 lm	1185 lm 1199 lm
WATTS UP 480		853 lm	853 lm	918 lm	1771 lm	1771 lm	1902 lm	2624 lm	2788 lm 2821 lm
WHERE'S BEN 14		298 lm	298 lm	321 lm	618 lm	618 lm	664 lm	916 lm	973 lm 985 lm
WHERE'S BEN 25		237 lm	237 lm	256 lm	493 lm	493 lm	529 lm	730 lm	776 lm 785 lm

PRO Series (only IP20)				RGBW IP20 & IP65			
30 W/m				22 W/m			
2700 K	3000 K	4000 K		RED	GREEN	BLUE	3000K
-	-	-		47 lm	126 lm	31 lm	183 lm
2821 lm	2864 lm	2908 lm		113 lm	299 lm	74 lm	436 lm
1365 lm	1386 lm	1407 lm		55 lm	145 lm	36 lm	211 lm
2363 lm	2399 lm	2436 lm		95 lm	251 lm	62 lm	365 lm
1825 lm	1853 lm	1881 lm		73 lm	194 lm	48 lm	282 lm
2785 lm	2828 lm	2871 lm		111 lm	296 lm	73 lm	430 lm
2750 lm	2792 lm	2835 lm		110 lm	292 lm	72 lm	425 lm
2564 lm	2604 lm	2643 lm		103 lm	272 lm	67 lm	396 lm
-	-	-		51 lm	135 lm	33 lm	197 lm
-	-	-		58 lm	154 lm	38 lm	223 lm
-	-	-		136 lm	360 lm	89 lm	524 lm
1383 lm	1404 lm	1425 lm		55 lm	147 lm	36 lm	214 lm
1570 lm	1594 lm	1618 lm		63 lm	167 lm	41 lm	242 lm
				59 lm	156 lm	38 lm	227 lm
1982 lm	2012 lm	2043 lm		79 lm	210 lm	52 lm	306 lm
1570 lm	1594 lm	1618 lm		63 lm	167 lm	41 lm	242 lm
-	-	-		-	-	-	-
-	-	-		34 lm	91 lm	22 lm	132 lm
-	-	-		41 lm	110 lm	27 lm	160 lm
-	-	-		98 lm	259 lm	64 lm	377 lm
-	-	-		99 lm	263 lm	65 lm	383 lm
-	-	-		98 lm	259 lm	64 lm	377 lm
-	-	-		99 lm	263 lm	65 lm	383 lm
3250 lm	3300 lm	3350 lm		130 lm	345 lm	85 lm	502 lm
2197 lm	2231 lm	2265 lm		88 lm	233 lm	57 lm	339 lm
-	-	-		111 lm	296 lm	73 lm	430 lm
-	-	-		68 lm	44 lm	44 lm	261 lm
-	-	-		58 lm	154 lm	38 lm	223 lm
-	-	-		59 lm	156 lm	38 lm	227 lm
1812 lm	1840 lm	1868 lm		-	-	-	-
4264 lm	4330 lm	4395 lm		-	-	-	-
-	-	-		60 lm	158 lm	39 lm	230 lm
-	-	-		47 lm	126 lm	31 lm	183 lm

SPEC Series Slim IP20	
9.6 W/m	
3000K	4000K
TRIM TIM 7	349 lm 360 lm
TINY TIM 11	432 lm 446 lm
RICHIE RAIL 18	148 lm 152 lm

14 W/m	
3000K	4000K
TRIM TIM 7	467 lm 481 lm
TINY TIM 11	578 lm 594 lm
RICHIE RAIL 18	197 lm 203 lm

The above outputs are quoting luminaire output lumens per metre 30 W/m strip only available in IP20. IP65 strips are +/- 200 K in colour temperature variance due to the silicone coating. Electrical and optical data variance +/- 10% Watts Up 240 and 480 contain 4 LED strips and the combined luminous flux are shown.



# PHOTOMETRY CONFIGURATOR

## CREATE & DOWNLOAD CUSTOM IES FILES

A few clicks is all it takes to generate individual configurations of our XD Profiles.



## LIGHT CULTURE HEAD OFFICE

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