

XD PROFILES

LED STRIPS

lightculture
INSPIRED LIGHT

XD LED STRIP



Product overview

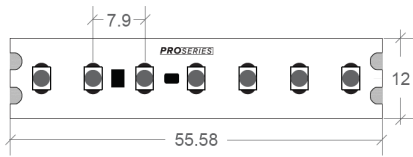
PRO Series

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'

6 W | 12 W | 18 W

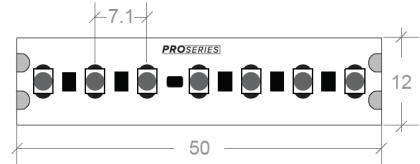


INDOOR USE ONLY



ULTRA THIN IP65 SILICONE SPRAY

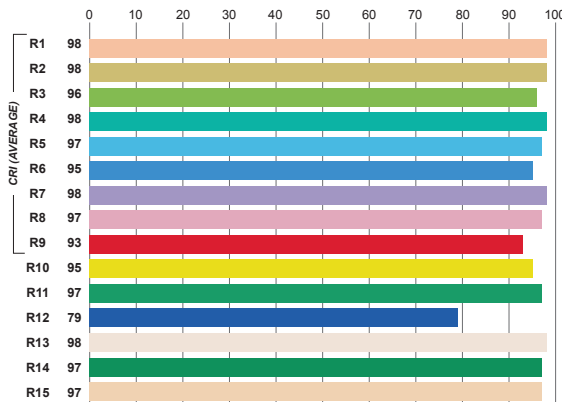
30 W



INDOOR USE ONLY

INPUT VOLTS	24 V DC	SOURCE LIFE	L80 B10 = 82,000 hrs
OPERATING TEMP	- 25 °C ~ + 60 °C	CONTROL	Dimmable by PWM
CRI	≥ 95	CHROMATIC SELECTION	MacAdam 2-step
R9	80+	WARRANTY	7 years

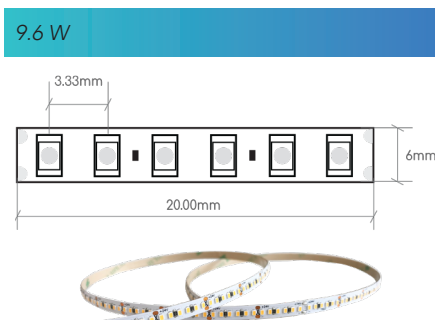
CRI CHART | PRO SERIES



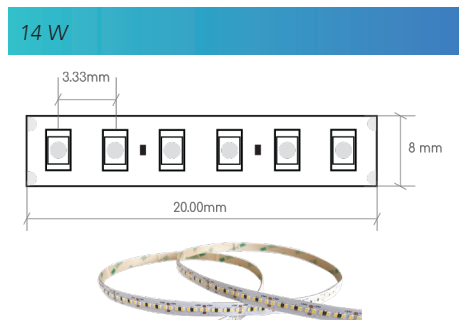
CRI = 97.7 | R9 = 93.4
4000 K LED CHIP TESTED

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'.



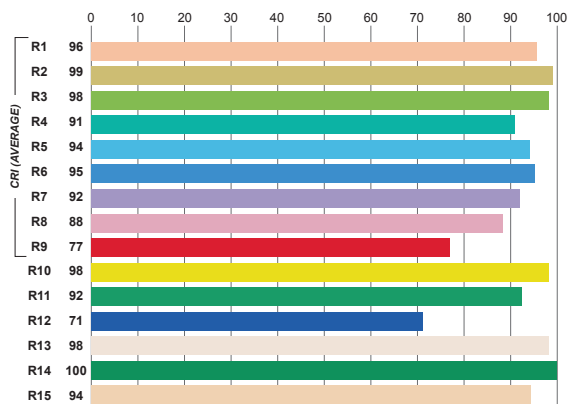
INDOOR USE ONLY



INDOOR USE ONLY

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

CRI CHART | SPEC SERIES SLIM



CRI = 94.2 | R9 = 77
4000 K LED CHIP TESTED

LED STRIP MATRIX

PRO Series IP20 & IP65

WATTAGE	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
CCT LUMINOUS FLUX									
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	564 lm	564 lm	608 lm	1172 lm	1172 lm	1259 lm	1736 lm	1845 lm	1866 lm
COVERT CHARLIE 20 - SC	473 lm	473 lm	509 lm	982 lm	982 lm	1054 lm	1454 lm	1545 lm	1563 lm
COVERT CHARLIE 20 - FO	365 lm	365 lm	393 lm	758 lm	758 lm	814 lm	1123 lm	1193 lm	1207 lm
COVERT CHARLIE 20 - NB	557 lm	557 lm	600 lm	1157 lm	1157 lm	1243 lm	1714 lm	1821 lm	1843 lm
COVERT CHARLIE 20 - 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

SPEC Series Slim IP20

WATTAGE	9.6 W/m		14 W/m	
	3000 K	4000 K	3000 K	4000 K
CCT LUMINOUS FLUX				
TRIM TIM 7	349 lm	360 lm	467 lm	481 lm
TINY TIM 11	432 lm	446 lm	578 lm	594 lm
RICHIE RAIL 18	148 lm	152 lm	197 lm	203 lm

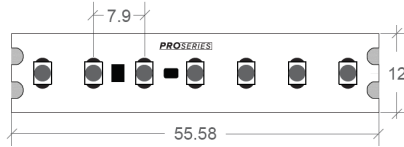
RGBW IP20 & IP65

30 W/m - IP20 only			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

The above outputs are quoting luminaire output lumens per metre
Watts Up 240 and 480 contain 4 LED strips and the combined luminous flux is shown above
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%



FEATURES

- Consistent chip across the Pro range
- Onboard constant current
- LM 80 report available
- Mounting by 3M VHB mounting tape
- 3 oz 2 layer PCB
- NOTE: Aluminium profile as part of the installation is required for thermal management

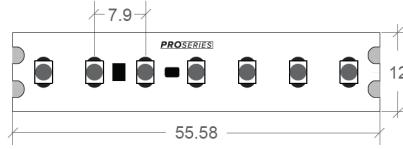
CODE	COLOUR	LUMENS	EFFICACY	INGRESS PROTECTION	DIMENSIONS
PRO-6-27	2700 K	650 lm/m	108 lm/W	Indoor use only	W 12 x H 1.6 mm
PRO-6-30	3000 K	650 lm/m	108 lm/W	Indoor use only	W 12 x H 1.6 mm
PRO-6-40	4000 K	700 lm/m	116 lm/W	Indoor use only	W 12 x H 1.6 mm
PRO-6-27-IP65	2900 K	650lm/m	108 lm/W	IP65	W 12 x H 1.8 mm
PRO-6-30-IP65	3200 K	650lm/m	108 lm/W	IP65	W 12 x H 1.8 mm
PRO-6-40-IP65	4200 K	700lm/m	116 lm/W	IP65	W 12 x H 1.8 mm

ELECTRICAL & OPTICAL DATA VARIANCE +/- 10%

TECHNICAL DATA

LED WATTS	6 W/m	R9	80+	WARRANTY	7 years
INPUT VOLTS	24 V DC	SDCM	2-step MacAdam	LED PITCH	7.9 mm
INPUT AMPS	0.25 A/m	LED BRAND	Edison	CUTTING LENGTH	55.58 mm
OPERATING TEMP	- 25 °C ~ + 60 °C	BEAM ANGLE	115°	CONTROL	Dimmable by PWM
CRI	≥ 95	SOURCE LIFE	L80 B10 = 82.000 hrs	MAX. RUN PER FEED	16 metres





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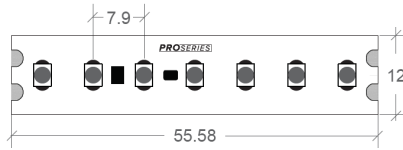
CODE	COLOUR	LUMENS	EFFICACY	INGRESS PROTECTION	DIMENSIONS
PRO-12-27	2700 K	1350 lm/m	113 lm//W	Indoor use only	W 12 x H 1.6 mm
PRO-12-30	3000 K	1350 lm/m	113 lm//W	Indoor use only	W 12 x H 1.6 mm
PRO-12-40	4000 K	1450 lm/m	121 lm//W	Indoor use only	W 12 x H 1.6 mm
PRO-12-27-IP65	2900 K	1350 lm/m	113 lm//W	IP65	W 12 x H 1.8 mm
PRO-12-30-IP65	3200 K	1350 lm/m	113 lm//W	IP65	W 12 x H 1.8 mm
PRO-12-40-IP65	4200 K	1450 lm/m	121 lm//W	IP65	W 12 x H 1.8 mm

ELECTRICAL & OPTICAL DATA VARIANCE +/- 10%

TECHNICAL DATA

LED WATTS	12 W/m	R9	80+	WARRANTY	7 years
INPUT VOLTS	24 V DC	SDCM	2-step MacAdam	LED PITCH	7.9 mm
INPUT AMPS	0.50 A/m	LED BRAND	Edison	CUTTING LENGTH	55.58 mm
OPERATING TEMP	- 25 °C ~ + 60 °C	BEAM ANGLE	115°	CONTROL	Dimmable by PWM
CRI	≥ 95	SOURCE LIFE	L80 B10 = 82.000 hrs	MAX. RUN PER FEED	12 metres





FEATURES

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- Onboard constant current
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- 3 oz 2 layer PCB
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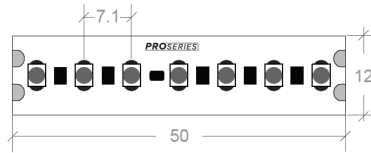
CODE	COLOUR	LUMENS	EFFICACY	INGRESS PROTECTION	DIMENSIONS
PRO-18-27	2700 K	2000 lm/m	109 lm//W	Indoor use only	W 12 x H 1.6 mm
PRO-18-30	3000 K	2125 lm/m	116 lm//W	Indoor use only	W 12 x H 1.6 mm
PRO-18-40	4000 K	2150 lm/m	118 lm//W	Indoor use only	W 12 x H 1.6 mm
PRO-18-27-IP65	2900 K	2000 lm/m	109 lm//W	IP65	W 12 x H 1.8 mm
PRO-18-30-IP65	3200 K	2125 lm/m	116 lm//W	IP65	W 12 x H 1.8 mm
PRO-18-40-IP65	4200 K	2150 lm/m	118 lm//W	IP65	W 12 x H 1.8 mm

ELECTRICAL & OPTICAL DATA VARIANCE +/- 10%

TECHNICAL DATA

LED WATTS	18 W/m	R9	80+	WARRANTY	7 years
INPUT VOLTS	24 V DC	SDCM	2-step MacAdam	LED PITCH	7.9 mm
INPUT AMPS	0.75 A/m	LED BRAND	Edison	CUTTING LENGTH	55.58 mm
OPERATING TEMP	- 25 °C ~ + 60 °C	BEAM ANGLE	115°	CONTROL	Dimmable by PWM
CRI	≥ 95	SOURCE LIFE	L80 B10 = 82.000 hrs	MAX. RUN PER FEED	10 metres





FEATURES

- Consistent chip across the Pro range
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- LM 80 report available
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- 3 oz 2 layer PCB
- NOTE: Aluminium profile as part of the installation is required for thermal management

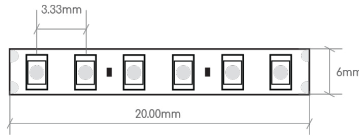
CODE	COLOUR	LUMENS	EFFICACY	INGRESS PROTECTION	DIMENSIONS
PRO-30-27	2700 K	3250 lm/m	108 lm//W	Indoor use only	W 12 x H 1.6 mm
PRO-30-30	3000 K	3300 lm/m	110 lm//W	Indoor use only	W 12 x H 1.6 mm
PRO-30-40	4000 K	3350 lm/m	112 lm//W	Indoor use only	W 12 x H 1.6 mm

ELECTRICAL & OPTICAL DATA VARIANCE +/- 10%

TECHNICAL DATA

LED WATTS	30 W/m	R9	80+	WARRANTY	7 years
INPUT VOLTS	24 V DC	SDCM	2-step MacAdam	LED PITCH	7.1 mm
INPUT AMPS	1.25 A/m	LED BRAND	Edison	CUTTING LENGTH	50 mm
OPERATING TEMP	- 25 °C ~ + 60 °C	BEAM ANGLE	115°	CONTROL	Dimmable by PWM
CRI	≥ 95	SOURCE LIFE	L80 B10 = 82.000 hrs	MAX. RUN PER FEED	10 metres





FEATURES

- Slim PCB width allowing for easy installation in narrow applications
- Extremely narrow pitch offers "dot-free" lines of light in narrow profiles
- Mounting by 3M VHB mounting tape
- NOTE: Aluminium profile as part of the installation is required for thermal management

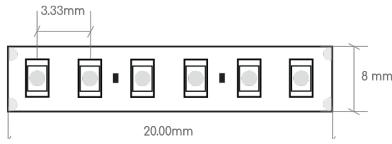
CODE	COLOUR	LUMENS	EFFICACY	INGRESS PROTECTION	DIMENSIONS
SPEC-9.6-30-SLIM	3000 K	785 lm/m	82 lm//W	Indoor use only	W 6 x H 1 mm
SPEC-9.6-40-SLIM	4000 K	810 lm/m	84 lm//W	Indoor use only	W 6 x H 1 mm

ELECTRICAL & OPTICAL DATA VARIANCE +/- 10%

TECHNICAL DATA

LED WATTS	9.6 W/m	R9	50+	WARRANTY	7 years
INPUT VOLTS	24 V DC	SDCM	3-step MacAdam	LED PITCH	3.33 mm
INPUT AMPS	0.4 A/m	BEAM ANGLE	120°	CUTTING LENGTH	20 mm
OPERATING TEMP	- 25 °C ~ + 45 °C	SOURCE LIFE	L70 = 50,000 hrs	CONTROL	Dimmable by PWM
CRI	≥ 90			MAX. RUN PER FEED	5 metres





FEATURES

- Slim PCB width allowing for easy installation in narrow applications
- Extremely narrow pitch offers “dot-free” lines of light in narrow profiles
- Mounting by 3M VHB mounting tape
- NOTE: Aluminium profile as part of the installation is required for thermal management

CODE	COLOUR	LUMENS	EFFICACY	INGRESS PROTECTION	DIMENSIONS
SPEC-14-30-SLIM	3000 K	1050 lm/m	75 lm//W	Indoor use only	W 8 x H 1 mm
SPEC-14-40-SLIM	4000 K	1080 lm/m	77 lm//W	Indoor use only	W 8 x H 1 mm

ELECTRICAL & OPTICAL DATA VARIANCE +/- 10%

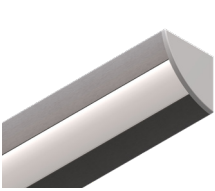
TECHNICAL DATA

LED WATTS	14 W/m	R9	50+	WARRANTY	7 years
INPUT VOLTS	24 V DC	SDCM	3-step MacAdam	LED PITCH	3.33 mm
INPUT AMPS	0.6 A/m	BEAM ANGLE	120°	CUTTING LENGTH	20 mm
OPERATING TEMP	- 25 °C ~ + 45 °C	SOURCE LIFE	L70 = 50.000 hrs	CONTROL	Dimmable by PWM
CRI	≥ 90			MAX. RUN PER FEED	5 metres

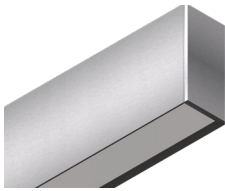


XD PROFILES

Product overview



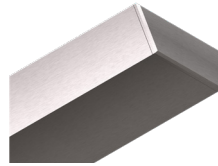
ANGLE ANDY 25



BOB EACH WAY 65



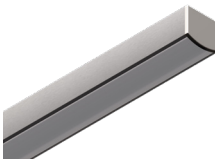
COVERT CHARLIE 20



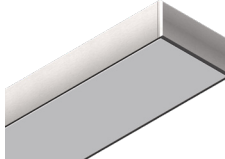
DADO DAVE 20



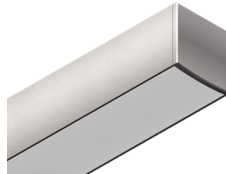
DOWNHILL DAN 10



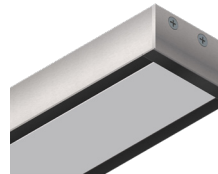
DOWNHILL DAN 14



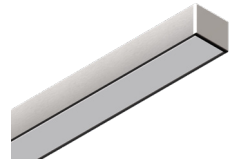
DOWNHILL DAN 22



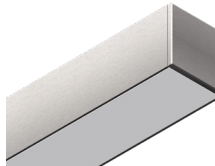
DOWNHILL DAN 30



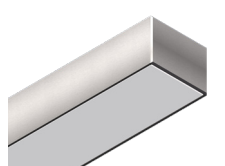
DOWNHILL DAN 35



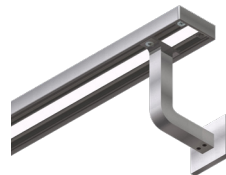
FLAT FREDDIE 14



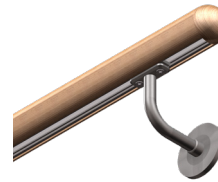
FLAT FREDDIE 30



FLAT FREDDIE 35



RICHIE RAIL 17



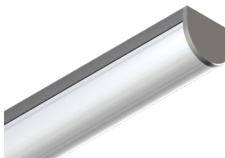
RICHIE RAIL 18



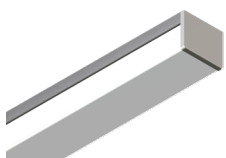
RICHIE RAIL 20



RICHIE RAIL 26



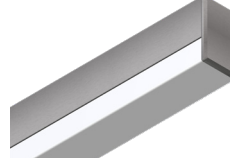
SIDEWAYS SALLY 5C



SIDEWAYS SALLY 5R



SIDEWAYS SALLY 20C



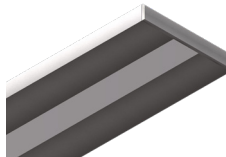
SIDEWAYS SALLY 20R



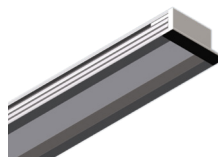
SIMPLE SIMON 7



SONNY SIDE UP 22



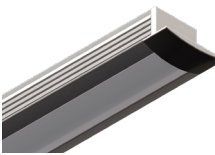
SWEET 16



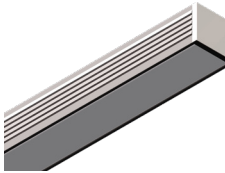
TINY TIM 11



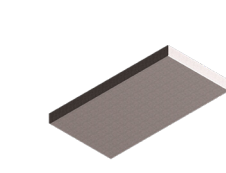
TRIM TIM 7



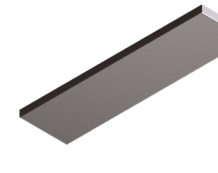
TRIM TIM 13



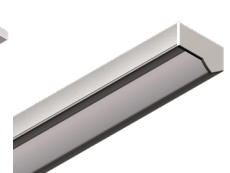
TRIMLESS TIM 15



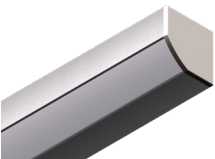
WATTS UP 240



WATTS UP 480



WHERE'S BEN 14



WHERE'S BEN 25



Sideways Sally
Taronga Zoo Workplace Fitout
Photo Credi: Toby Peet

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