AFX
ARCHITECTURAL FX

Integrate
Overview

An extensive portfolio of 24v, Linear LED tape, profiles covers and optics to create custom made/bespoke luminaires for specific project applications.

Surface Mounted/Suspended Direct/Indirect, Recessed, Plaster In options

Diffuser optics, Clear, Diffuse, Opal, Blacklight Opal covers. Darklight Grazer optics, 10° Wall grazer or 30° and 60° general illumination optics allow precise light control

Ingress protection ratings of IP40, IP44 and IP67.

Bridgelux, Nichia, Osram, Samsung & Xicato LED of the highest quality. "One Bin Only" within <2 SDCM guarantees constant color temperature and highest light quality at a lifetime of > 60,000 h (L80/B10).
Single Colour Monochromatic, Tunable White, Dim to Warm and RGB/W Colour change options available.
Up to CRI 96/R9 95.

Fixtures assembled in the UK

Compatible control protocols
Mains Triac, 0-10v, Dali 2, Dali (DT) 8, DMX

Casambi and Xicato Qualified Bluetooth SIG Mesh

Electrical & output data
Input Voltage 24 Volt DC Constant Voltage (23 V min, 25 V max.)
Temperature range: -20 to +45 °C
Ambient temperature: + 10 to +45 °C
Storage temperature Ts min = –30°C, Ts max = 85°C
Dimmable – Mains (Triac), 0-10v, Dali, DMX
Protected against electrostatic discharge +/– 2,000 V

(IP44 Testing image by Nemko)

Lifetime and Warranty (See full Architectural FX total system warranty for more detail)
Lifespan Up to L80/B10: 60,000 hours
Product availability lifetime – 3 years from last order
End of Lifetime guarantee 5 years
**5 or 10 Years warranty**

Integrate
Slim

General Information

- Flexible LED strip IP20
- 24v DC Constant Voltage
- Beam angle: 120°
- CRI >90
- R9 >65
- Increments 20mm, 50mm
- LED Pitch: 3.4mm, 7.14mm
  LED Increment and pitch dependent on Power p/m
- Lifespan L70: ≥ 50,000 hours
- Dimmable – Mains (Triac) DALI, DMX, 0-10v
- Max Ambient operating temperature
  (9-10w/m 50°c)
- Integrate fixtures IP40, IP44
- For use with Slim series profiles only
- 6/6, 8/9, 21/9, 8A8
- 5 Year warranty
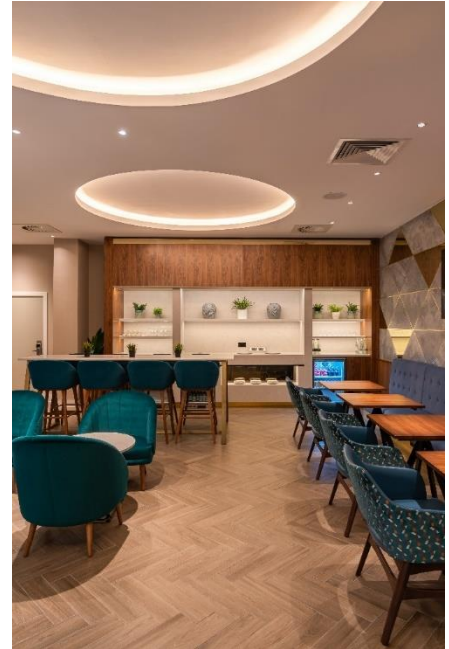
6w/m, 9w/m - LED Increment 27.78mm LED pitch 3.4mm
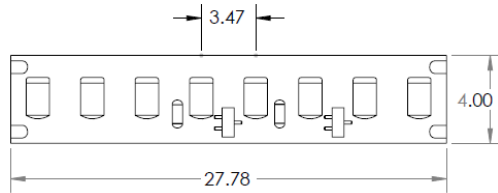
5w, 10w, 18w/m – LED Increment 50mm LED pitch 7.14mm
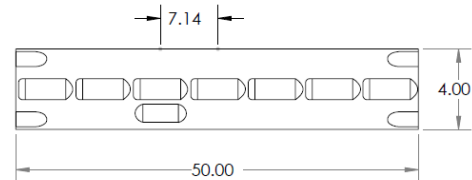
Integrate LED Code	CCT	5w/m	6w/m	9w/m	10w/m	18w/m
		lm/m	lm/m	lm/m	lm/m	lm/m
SL	2200k	x		x	850	x
SL	2500k	434	540	810	880	x
SL	2700k	460	600	900	918	2025
SL	3000k	470	630	945	955	2045
SL	4000k	x	650	960	985	2325

Note: -40% light loss with Opal cover
Note 5w/m, 10w/m, 18w/m **NOT** Homogenous in Profile 6-6, 8A8

About the Light source:
24v, flexible LED strip with reflective, white surface and 3M adhesive tape on the back. Homogeneous light source for Slim series fixtures
Bridgelux LEDs of the highest quality. 120° beam angle.
"One Bin Only" within 3 MacAdam
Integrated Constant Current technology to guarantee Constant color and Intensity over from first to last LED over lifetime

About the Fixtures:
A portfolio of Aluminium Recessed, Surface Mounted, Suspended or Plaster-In profiles, covers and mounting accessories for Interior, Exterior architectural and commercial applications.
(See separate pdf catalogue and specification builder for options)

Integrate
COF (Homogenous)

General Information

- Flexible LED strip IP20
- 24v DC Constant Voltage
- Beam angle: 120°
- CRI >90
- R9 >65
- Homogenous with Opal Cover
- Increments 62.5mm, 50mm, 38.46mm
- LED Pitch 1.95mm
  LED Increment and pitch dependent on Power p/m
- Lifespan L70: ≥ 50,000 hours
- Dimmable – Mains (Triac) DALI, DMX, 0-10v
- Max Ambient operating temperature
  (7-10w/m 50°c, 20w/m 45°c, 25w/m 35°c)
- Integrate fixtures IP40, IP44
- 5 Year warranty
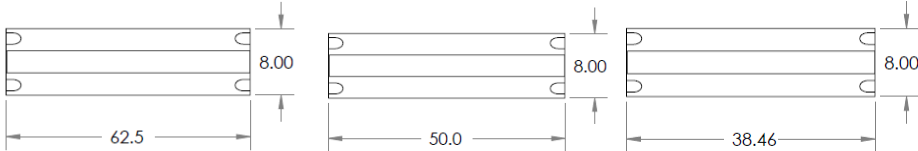
7-10w/m LED Increment 62.5mm
20w/m LED Increment 50mm
25w/m LED Increment 38.46mm

Integrate LED Code	CCT	7w/m	10w/m	20w/m	25w/m
		lm/m	lm/m	lm/m	lm/m
COF	2200k	600	796	1272	1790
COF	2500k	620	840	1350	1875
COF	2700k	639	900	1413	1966
COF	3000k	666	961	1455	2033
COF	4000k	699	1034	1500	2088

Note: -40% light loss with Opal cover

About the Light source:
24v, flexible LED strip with reflective, white surface and 3M adhesive tape on the back. Homogeneous light source for fixtures with Opal covers <15mm from LED to Opal cover. Bridgelux LEDs of the highest quality. 120° beam angle.
"One Bin Only" within 2 MacAdam
Integrated Constant Current technology to guarantee Constant color and Intensity over from first to last LED over lifetime

About the Fixtures:
A portfolio of Aluminium Recessed, Surface Mounted, Suspended or Plaster-In profiles, covers and mounting accessories for Interior, Exterior architectural and commercial applications.
(See separate pdf catalogue and specification builder for options)
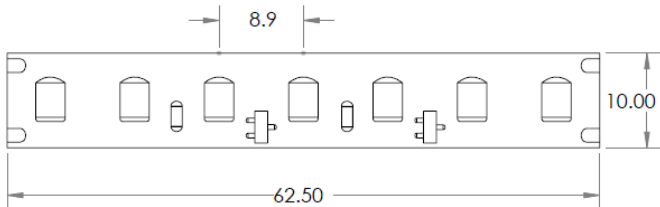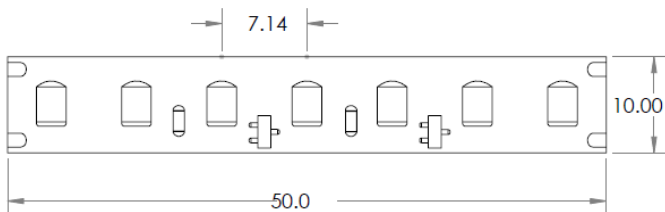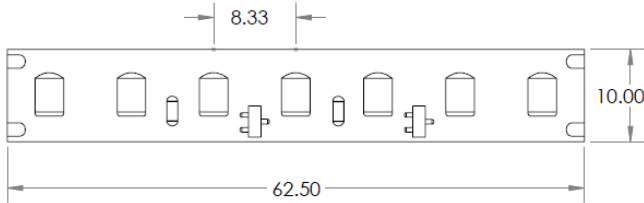
Integrate
Pro 80

General Information

- Flexible LED strip IP20
- 24v DC Constant Voltage
- Beam angle: 120°
- CRI >80
- R9 >35
- Increments 62.5mm, 50mm, 41.67mm, 31.25
- LED Pitch: 8.9mm, 7.14mm, 5.95mm, 4.46mm
  LED Increment and pitch dependent on Power p/m
- Lifespan L70: ≥ 50,000 hours
- Dimmable – Mains (Triac) DALI, DMX, 0-10v
- Max Ambient operating temperature
  (6-14w/m 50°c, 18w/m 45°c, 29-39w/m 35°c)
- Integrate fixtures IP40, IP44
- 5 Year warranty

LED Increment and Pitch dependent on Power/m:

6, 10w, 14w/m LED Increment 62.5mm LED Pitch 8.9mm

18w/m LED Increment 50mm LED Pitch 7.14mm

29w/m LED Increment 41.67mm LED Pitch 5.95mm

IP44 Test image by Nemko
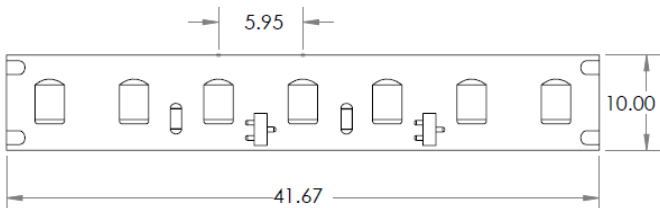
39w/m LED Increment 31.25mm LED Pitch 4.46mm
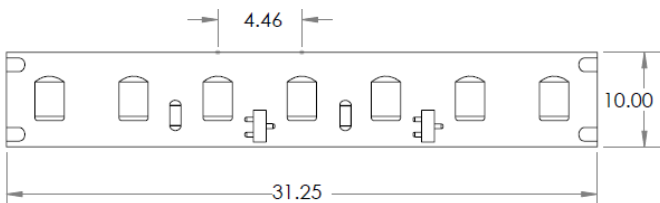
Integrate LED Code	CCT	6w/m	10w/m	14w/m	18w/m	29w/m	39w/m
		lm/m	lm/m	lm/m	lm/m	lm/m	lm/m
Pro 80	2200k	x	x	x	x	x	x
Pro 80	2500k	x	x	x	x	x	x
Pro 80	2700k	710	1278	1790	2280	3374	4380
Pro 80	3000k	750	1350	1890	2400	3552	4610
Pro 80	4000k	780	1405	1970	2500	3700	4800
Pro 80	5000k	780	1405	1970	2500	3700	4800
Pro 80	6500k	750	1350	1890	2400	3552	4610

Note: -40% light loss with Opal cover

About the Light source:
24v, flexible LED strip with reflective, white surface and 3M adhesive tape on the back. Homogeneous light source for fixtures with Opal covers <15mm from LED to Opal cover. Bridgelux LEDs of the highest quality. 120° beam angle.
"One Bin Only" within 3 MacAdam
Integrated Constant Current technology to guarantee Constant color and Intensity over from first to last LED over lifetime

About the Fixtures:
A portfolio of Aluminium Recessed, Surface Mounted, Suspended or Plaster-In profiles, covers and mounting accessories for Interior, Exterior architectural and commercial applications.
(See separate pdf catalogue and specification builder for options)

Integrate
Pro 90 112

General Information

- Flexible LED strip IP20
- 24v DC Constant Voltage
- Beam angle: 120°
- CRI >90
- R9 >50
- Increments 62.5mm
- LED pitch: 8.33mm
- Lifespan L70: ≥ 50,000 hours
- Dimmable – Mains (Triac) DALI, DMX, 0-10v
- Max Ambient operating temperature (4-14w/m 50°c, 19-24w/m 45°c, 33w/m 35°c)
- Available IP40, IP44
- 5 Year warranty

Integrate LED Code	CCT	4w/m	9w/m	14w/m	19w/m	24w/m	33w/m
		lm/m	lm/m	lm/m	lm/m	lm/m	lm/m
Pro 90 112	2200k	482	942	1356	1789	2188	2919
Pro 90 112	2500k	500	977	1406	1855	2270	3028
Pro 90 112	2700k	518	1012	1457	1919	2351	3137
Pro 90 112	3000k	554	1082	1558	2052	2510	3355
Pro 90 112	4000k	626	1222	1760	2318	2836	3786

Note: -40% light loss with Opal cover

About the Light source:
24v, flexible LED strip with reflective, white surface and 3M adhesive tape on the back. Homogeneous light source for fixtures with Opal covers <15mm from LED to Opal cover. Osram LEDs of the highest quality. 120° beam angle.
"One Bin Only" within 3 MacAdam
Integrated Constant Current technology to guarantee Constant color and Intensity over from first to last LED over lifetime

About the Fixtures:
A portfolio of Aluminium Recessed, Surface Mounted, Suspended or Plaster-In profiles, covers and mounting accessories for Interior, Exterior architectural and commercial applications.
(See separate pdf catalogue and specification builder for options)

Integrate
Pro 90 168

General Information

- Flexible LED strip IP20
- 24v DC Constant Voltage
- Beam angle: 120°
- CRI >90
- R9 >55
- Increments 41.65mm
- LED pitch: 6mm
- Lifespan L70: ≥ 50,000 hours
- Dimmable – Mains (Triac) DALI, DMX, 0-10v
- Max Ambient operating temperature
  (7-14w/m 50°c, 19-24w/m 45°c, 33-48w/m 35°c)
- Available IP40, IP44
- 5 Year warranty
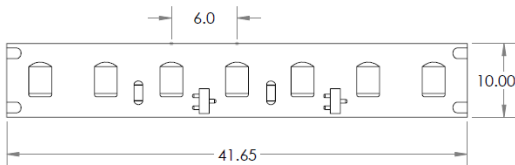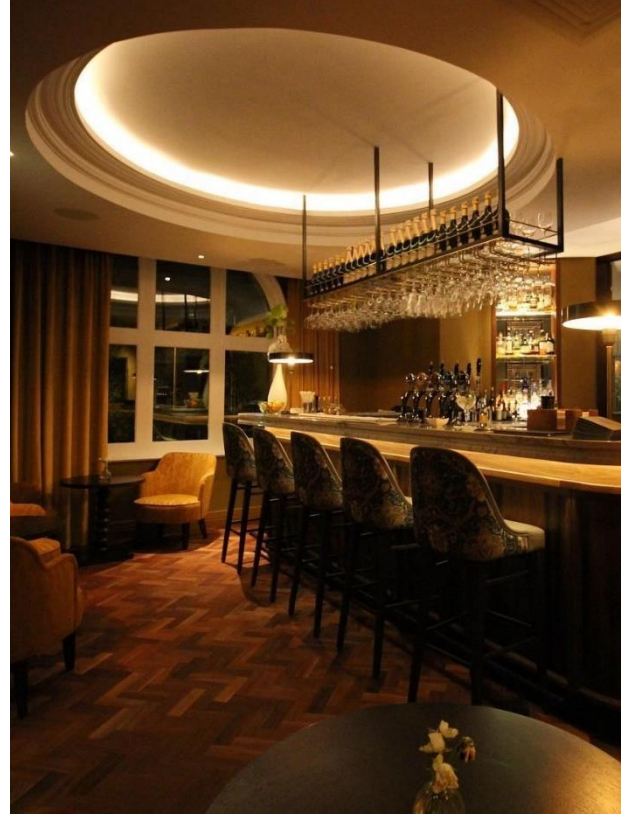
Integrate LED Code	CCT	7w/m	9w/m	14w/m	19w/m	24w/m	33w/m	48w/m
		lm/m	lm/m	lm/m	lm/m	lm/m	lm/m	lm/m
Pro 90 168	2200k	482	969	1400	1811	2251	3059	4204
Pro 90 168	2500k	500	1005	1452	1878	2334	3175	4433
Pro 90 168	2700k	518	1041	1504	1945	2417	3285	4518
Pro 90 168	3000k	554	1113	1608	2080	2585	3514	4833
Pro 90 168	4000k	626	1257	1816	2349	2914	3971	5453

Note: -40% light loss with Opal cover

About the Light source:

24v, flexible LED strip with reflective, white surface and 3M adhesive tape on the back. Homogeneous light source for fixtures with Opal covers <15mm from LED to Opal cover. Osram LEDs of the highest quality. 120° beam angle.
"One Bin Only" within 3 MacAdam.
Integrated Constant Current technology to guarantee Constant color and Intensity over from first to last LED over lifetime

About the Fixtures:

A portfolio of Aluminium Recessed, Surface Mounted, Suspended or Plaster-In profiles, covers and mounting accessories for Interior, Exterior architectural and commercial applications.
(See separate pdf catalogue and specification builder for options)

Integrate
Pro 90 224

General Information

- Flexible LED strip IP20
- 24v DC Constant Voltage
- Beam angle: 120°
- CRI >90
- R9 >50
- Increments 31.25mm
- LED pitch: 4.4mm
- Lifespan L70: ≥ 50,000 hours
- Dimmable – Mains (Triac) DALI, DMX, 0-10v
- Max Ambient operating temperature (9-14w/m 50°c, 19w/m 45°c)
- Available IP40, IP44
- 5 Year warranty
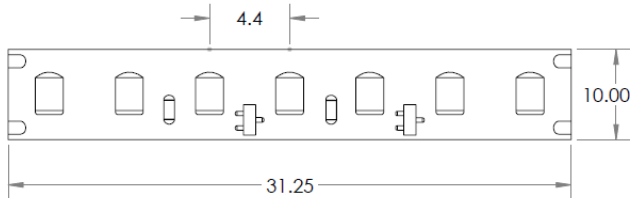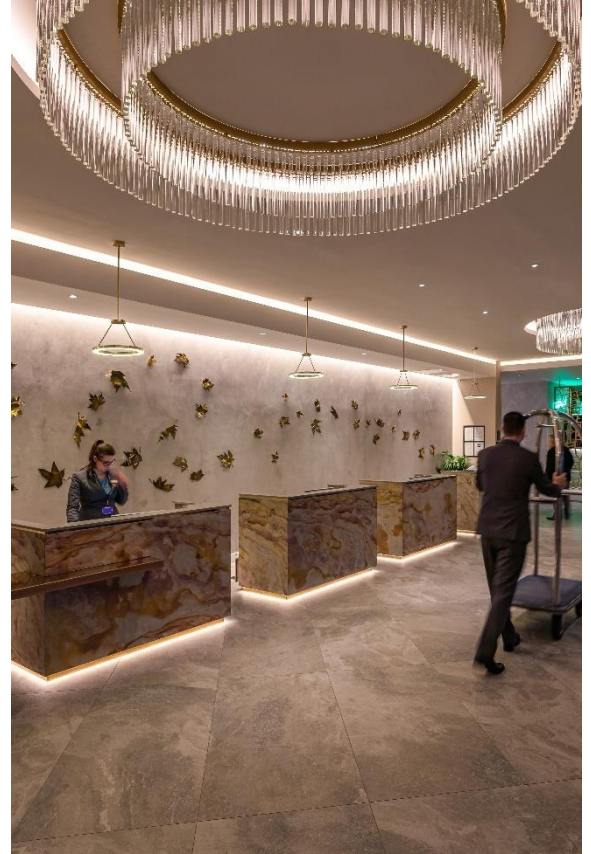
Integrate LED Code	CCT	9w/m	14w/m	19w/m
		lm/m	lm/m	lm/m
Pro 90 224	2200k	851	1330	1710
Pro 90 224	2500k	909	1421	1828
Pro 90 224	2700k	968	1512	1945
Pro 90 224	3000k	1049	1634	2087
Pro 90 224	4000k	1065	1654	2137

Note: -40% light loss with Opal cover

About the Light source:
24v, flexible LED strip with reflective, white surface and 3M adhesive tape on the back. Homogeneous light source for fixtures with Opal covers <15mm from LED to Opal cover. Osram LEDs of the highest quality. 120° beam angle.
"One Bin Only" within 3 MacAdam
Integrated Constant Current technology to guarantee Constant color and Intensity over from first to last LED over lifetime

About the Fixtures:
A portfolio of Aluminium Recessed, Surface Mounted, Suspended or Plaster-In profiles, covers and mounting accessories for Interior, Exterior architectural and commercial applications.
(See separate pdf catalogue and specification builder for options)

Integrate
Pro 95

General Information

- Flexible LED strip IP20
- 24v DC Constant Voltage
- Beam angle: 120°
- CRI >95
- R9 >90
- Increments 25mm
- LED Pitch: 4.16mm
- Lifespan L80: ≥ 50,000 hours
- Dimmable – Mains (Triac) DALI, DMX, 0-10v
- Max Ambient operating temperature
  (3-14.4w/m 50°c, 16.4-20w/m 45°c)
- Integrate fixtures IP40, IP44
- **10 Year warranty**

4.16

10.00

25.0
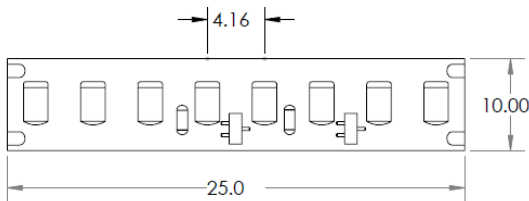
Integrate LED Code	CCT	3.5w/m	10w/m	14.4w/m	16.4w/m	20w/m
		lm/m	lm/m	lm/m	lm/m	lm/m
Pro 95	2200k	220	636	930	1038	1222
Pro 95	2500k	244	704	1030	1150	1352
Pro 95	2700k	297	856	1255	1399	1645
Pro 95	3000k	299	864	1255	1412	1659
Pro 95	3500k	303	876	1270	1430	1683
Pro 95	4000k	311	898	1313	1468	1726

Note: -40% light loss with Opal cover

About the Light source:
24v, flexible LED strip with reflective, white surface and 3M adhesive tape on the back. Homogeneous light source for fixtures with Opal covers <15mm from LED to Opal cover. Bridgelux LEDs of the highest quality. 120° beam angle.
"One Bin Only" within 2 MacAdam
Integrated Constant Current technology to guarantee Constant color and Intensity over from first to last LED over lifetime

About the Fixtures:
A portfolio of Aluminium Recessed, Surface Mounted, Suspended or Plaster-In profiles, covers and mounting accessories for Interior, Exterior architectural and commercial applications.
(See separate pdf catalogue and specification builder for options)

Integrate
HEXL SW

General Information

- Flexible LED strip IP20
- 24v DC Constant Voltage
- Beam angle: 120°
- CRI >97
- R9 >90
- Increments 62.5mm
- LED pitch: 8.93mm
- Lifespan L90/B10: ≥ 60,000 hours
- Dimmable – Mains (Triac) DALI, DMX, 0-10v
- Max Ambient operating temperature
  (4-15w/m 50°c, 20w/m 45°c, 32w/m 35°c)
- Available IP40, IP44, IP67
- 7 Year warranty (Limited to 5,000hrs per year running)
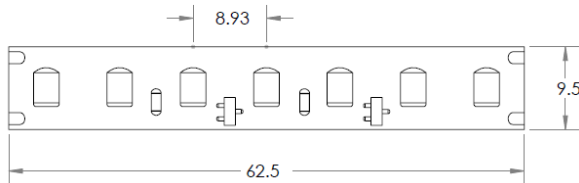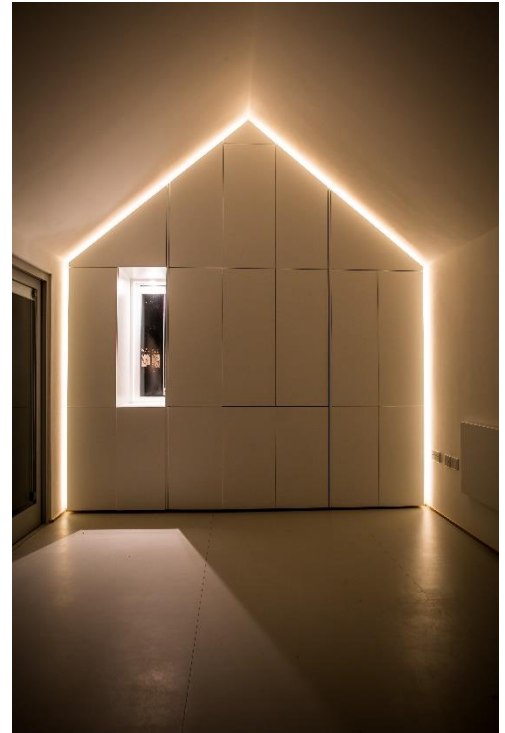
Integrate LED Code	CCT	4w/m	6w/m	11w/m	15w/m	20w/m	32w/m
		lm/m	lm/m	lm/m	lm/m	lm/m	lm/m
HEXL SW	2700k	417	590	1274	1869	2343	3846
HEXL SW	3000k	438	615	1380	1981	2490	3940
HEXL SW	3500k	460	640	1420	2050	2590	4090
HEXL SW	4000k	469	655	1430	2096	2630	4110
HEXL SW	5000k	470	670	1450	2120	2660	4200

Note: -40% light loss with Opal cover

About the Light source:
24v, flexible LED strip with reflective, white surface and 3M adhesive tape on the back. Homogeneous light source for fixtures with Opal covers <15mm from LED to Opal cover. Osram LEDs of the highest quality. 120° beam angle.
"One Bin Only" within 3 MacAdam
Up to 145 lm/W, with a CRI up to 97 and R9 up to 90. TM30-15 Rf up to 91 and Rg up to 101.
Integrated Constant Current technology to guarantee Constant color and Intensity over from first to last LED over lifetime

About the Fixtures:
A portfolio of Aluminium Recessed, Surface Mounted, Suspended or Plaster-In profiles, covers and mounting accessories for Interior, Exterior architectural and commercial applications.
(See separate pdf catalogue and specification builder for options)

Integrate
HPRO SW

General Information

- Flexible LED strip IP20
- 24v DC Constant Voltage
- Beam angle: 120°
- CRI >94
- R9 >74
- Increments 62.5mm
- LED pitch: 8.93mm
- Lifespan L80/B10: ≥ 60,000 hours
- Dimmable – Mains (Triac) DALI, DMX, 0-10v
- Max Ambient operating temperature
  (4-13w/m 50°c, 18-24w/m 45°c, 35w/m 35°c)
- Available IP40, IP44, IP67
- 7 Year warranty (Limited to 5,000hrs per year running)
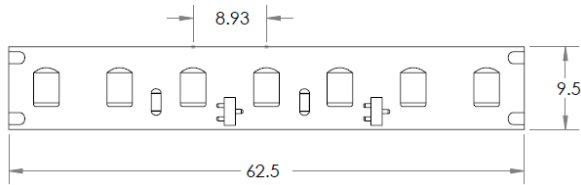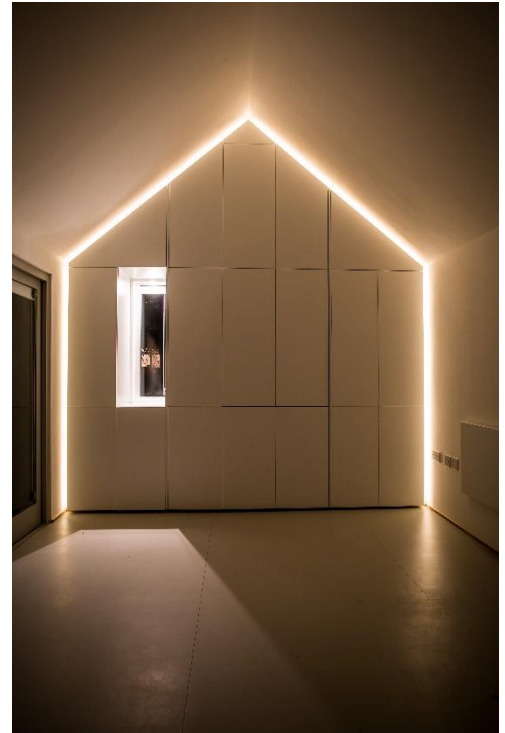
Integrate LED Code	CCT	4w/m	7w/m	13w/m	18w/m	24w/m	35w/m
		lm/m	lm/m	lm/m	lm/m	lm/m	lm/m
HPRO SW	2700k	330	580	1345	1927	2403	3775
HPRO SW	3000k	342	609	1414	1970	2550	4000
HPRO SW	3500k	350	620	1440	2080	2600	4040
HPRO SW	4000k	360	653	1470	2122	2680	4120
HPRO SW	5000k	380	660	1480	2190	2710	4170

Note: -40% light loss with Opal cover

About the Light source:
24v, flexible LED strip with reflective, white surface and 3M adhesive tape on the back. Homogeneous light source for fixtures with Opal covers <15mm from LED to Opal cover. Osram LEDs of the highest quality. 120° beam angle.
"One Bin Only" within 3 MacAdam
Tape efficacy up to 121 lm/W, with a CRI up to 94 and R9 up to 74. TM30-15 Rf up to 91 and Rg up to 101.
Integrated Constant Current technology to guarantee Constant color and Intensity over from first to last LED over lifetime

About the Fixtures:
A portfolio of Aluminium Recessed, Surface Mounted, Suspended or Plaster-In profiles, covers and mounting accessories for Interior, Exterior architectural and commercial applications.
(See separate pdf catalogue and specification builder for options)

Integrate
HHD

General Information

- Flexible LED strip IP20
- 24v DC Constant Voltage
- Beam angle: 120°
- CRI >90
- R9 >50
- Increments 62.5mm
- LED pitch: 8.93mm
- Lifespan L80: ≥ 60,000 hours
- Dimmable – Mains (Triac) DALI, DMX, 0-10v
- Max Ambient operating temperature
  (6-15w/m 50°c, 25w/m 45°c, 36w/m 35°c)
- Available IP40, IP44, IP67
- 7 Year warranty (Limited to 5,000hrs per year running)
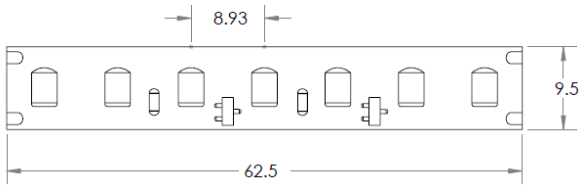
Integrate LED Code	CCT	Finished CCT Encapsulated IP67	6w/m	10w/m	15w/m	25w/m	36w/m
			lm/m	lm/m	lm/m	lm/m	lm/m
HHD	2000k	2500k	480	800	1280	2090	3050
HHD	2200k	2900k	550	920	1470	2380	3480
HHD	2500k	3300k	630	1050	1680	2720	3980
HHD	2700k	3600k	560	940	1780	2890	4230
HHD	3000k	4300k	570	950	1890	3070	4480
HHD	3500k	4900k	590	980	1980	3220	4710
HHD	4000k	6600k	600	1010	2030	3290	4810
HHD	5000k	9600k	830	1380	2210	3600	5260

Note: Lumen/m Light loss - 20% for encapsulated IP67 (Light loss - additional 40% with Opal cover)

About the Light source:
24v, flexible LED strip with reflective, white surface and 3M adhesive tape on the back. Homogeneous light source for fixtures with Opal covers <15mm from LED to Opal cover. Osram LEDs of the highest quality. 120° beam angle. "One Bin Only" within 3 MacAdam Integrated Constant Current technology to guarantee Constant color and Intensity over from first to last LED over lifetime

About the Fixtures:
A portfolio of Aluminium Recessed, Surface Mounted, Suspended or Plaster-In profiles, covers and mounting accessories for Interior, Exterior architectural and commercial applications.
(See separate pdf catalogue and specification builder for options)

Integrate
TWX (Tunable White)

## General Information

- Flexible LED strip IP20
- 24v DC Constant Voltage
- Beam angle: 120°
- CRI >95
- R9 >90
- <2 SDCM
- Increments 25mm
- LED Pitch: 4.46mm (WW-WW, CW-CW)
- Lifespan L80: ≥ 50,000 hours
- Dimmable – DALI, DMX, 0-10v
- Max Ambient operating temperature (10-14w/m 50°c, 17-20w/m 45°c)
- Integrate fixtures IP40, IP44
- **10 Year warranty**
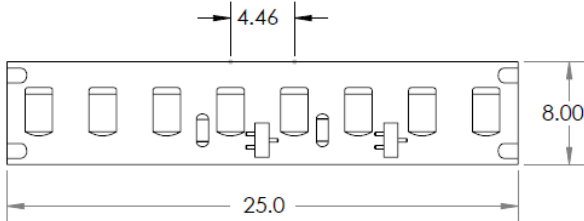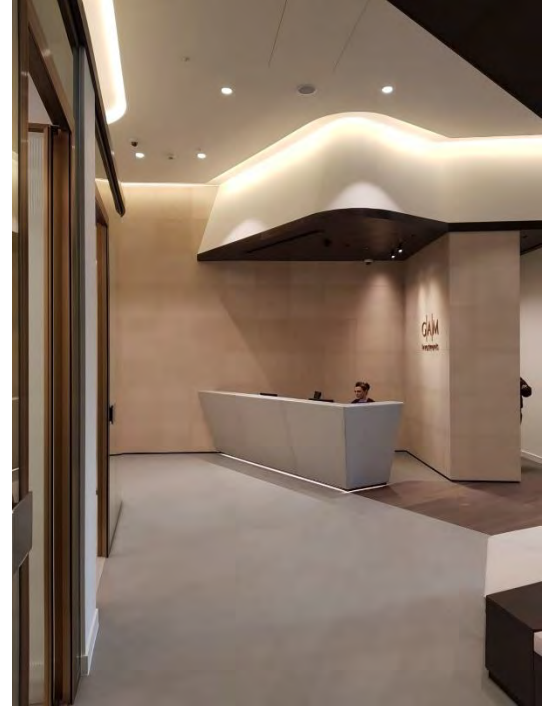
Integrate LED Code	CCT	10w/m	14w/m	17w/m	20w/m
		lm/m	lm/m	lm/m	lm/m
TWX	2200-3000k	660	930	1080	1220
TWX	2400-3500k	670	945	1095	1245
TWX	2700-6500k	720	1050	1225	1450

Note: -40% light loss with Opal cover

About the Light source:
24v, flexible LED strip with reflective, white surface and 3M adhesive tape on the back. Homogeneous light source for fixtures with Opal covers <15mm from LED to Opal cover. Xicato LEDs of the highest quality. 120° beam angle.
"One Bin Only" within 2 MacAdam
Integrated Constant Current technology to guarantee Constant color and Intensity over from first to last LED over lifetime

About the Fixtures:
A portfolio of Aluminium Recessed, Surface Mounted, Suspended or Plaster-In profiles, covers and mounting accessories for Interior, Exterior architectural and commercial applications.
(See separate pdf catalogue and specification builder for options)

Integrate
Pro 90 TW (Tunable White)

General Information

- Flexible LED strip IP20
- 24v DC Constant Voltage
- Beam angle: 120°
- CRI >90
- R9 >55
- Increments 100mm
- LED pitch: 14.2mm (CW-CW, WW-WW)
- Lifespan L70: ≥ 50,000 hours
- Dimmable – Mains (Triac) DALI, DMX, 0-10v
- Max Ambient operating temperature (9-19w/m 50°c, 33-48w/m 35°c)
- Available IP40, IP44
- 5 Year warranty
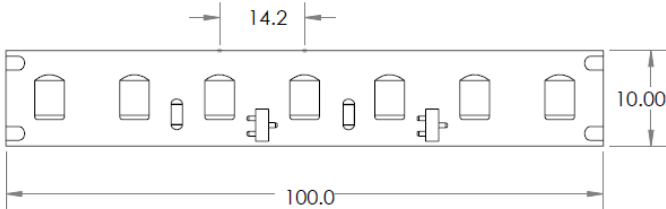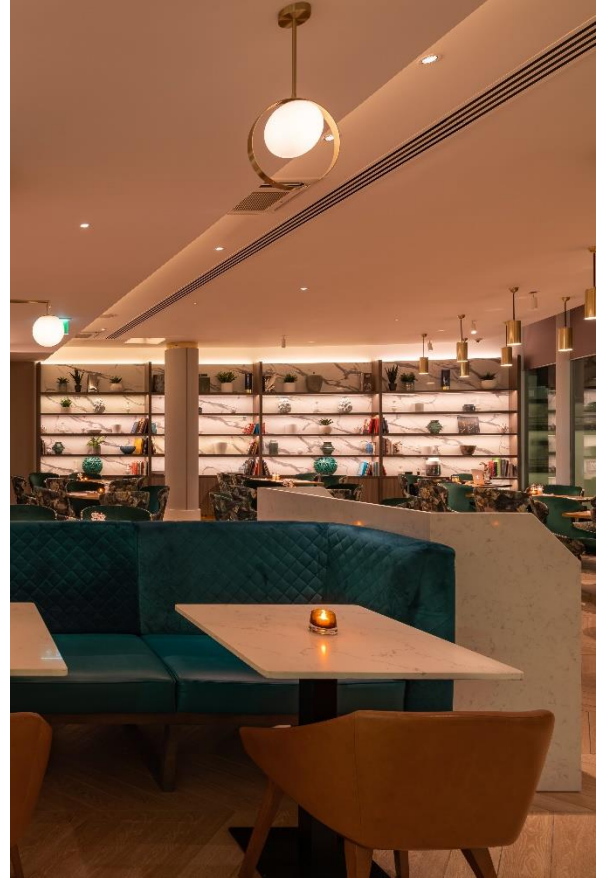
Integrate LED Code	CCT	9w/m	19w/m	33w/m	48w/m
		lm/m	lm/m	lm/m	lm/m
Pro 90 TW	2200-3500k	1110	2090	3398	4627
Pro 90 TW	2200-4000k	1110	2090	3398	4627

Note: -40% light loss with Opal cover

About the Light source:
24v, flexible LED strip with reflective, white surface and 3M adhesive tape on the back. Homogeneous light source for fixtures with Opal covers <15mm from LED to Opal cover. Osram LEDs of the highest quality. 120° beam angle.
"One Bin Only" within 3 MacAdam.
 Integrated Constant Current technology to guarantee Constant color and Intensity over from first to last LED over lifetime

About the Fixtures:
A portfolio of Aluminium Recessed, Surface Mounted, Suspended or Plaster-In profiles, covers and mounting accessories for Interior, Exterior architectural and commercial applications.
(See separate pdf catalogue and specification builder for options)

Integrate
DTWX (Dim to Warm)

General Information

- Flexible LED strip IP20
- 24v DC Constant Voltage
- Beam angle: 120°
- CRI >95+
- R9 >90
- <2 SDCM
- Increments 62.5mm
- LED Pitch: 4.46mm
- Lifespan L80: ≥ 50,000 hours
- Dimmable – DALI, DMX, 0-10v
- Max Ambient operating temperature (10w/m 50°c)
- Integrate fixtures IP40, IP44
- **10 Year warranty**
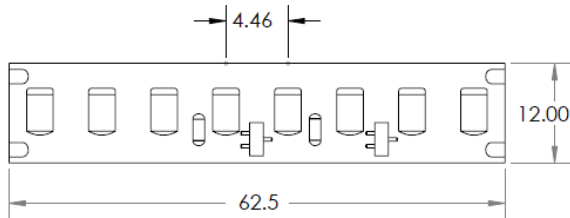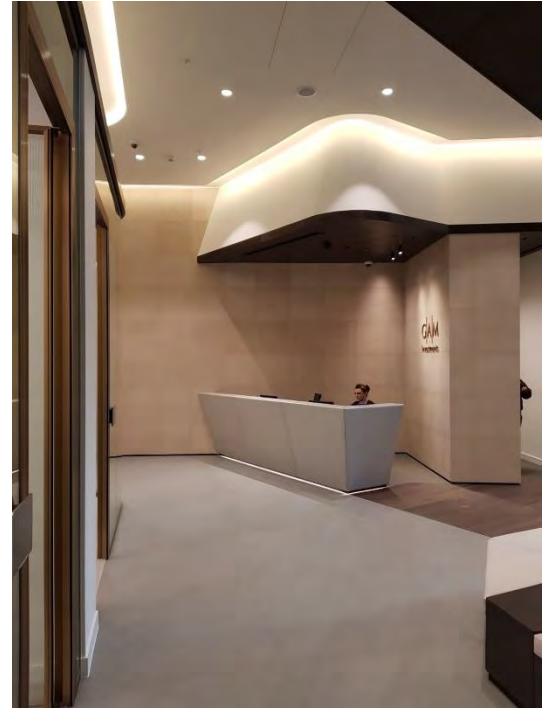
Integrate LED Code	CCT	10w/m	16w/m
		lm/m	lm/m
DTWX	2200-4000k	700	1120

Note: -40% light loss with Opal cover

About the Light source:
24v, flexible LED strip with reflective, white surface and 3M adhesive tape on the back. Homogeneous light source for fixtures with Opal covers <15mm from LED to Opal cover. Bridgelux LEDs of the highest quality. 120° beam angle.
"One Bin Only" within 2 MacAdam
Integrated Constant Current technology to guarantee Constant color and Intensity over from first to last LED over lifetime

About the Fixtures:
A portfolio of Aluminium Recessed, Surface Mounted, Suspended or Plaster-In profiles, covers and mounting accessories for Interior, Exterior architectural and commercial applications.
(See separate pdf catalogue and specification builder for options)

Integrate
## DTW (Dim to Warm)

General Information

- Flexible LED strip IP20
- 24v DC Constant Voltage
- Beam angle: 120°
- CRI >90+
- R9 >65
- Increments 33.33mm
- LED Pitch: 5.55mm
- Lifespan L70: ≥ 36,000 hours
- Dimmable – DALI, DMX, 0-10v
- Max Ambient operating temperature (10w/m, 14.4w/m 50°c, 20w/m 45°c)
- Integrate fixtures IP40, IP44
- 5 Year warranty
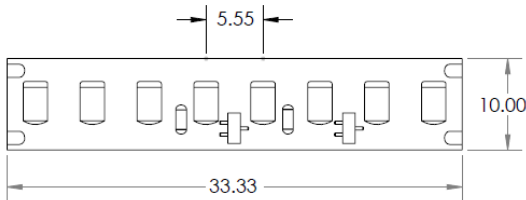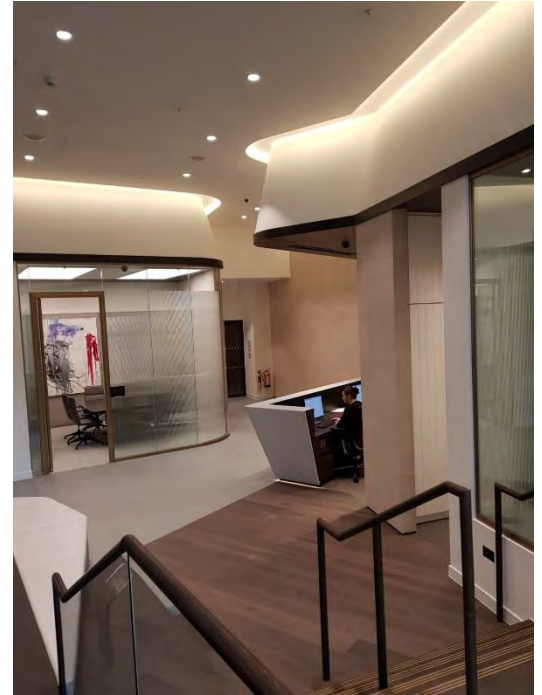
Integrate LED Code	CCT	10w/m	14.4w/m	20w/m
		lm/m	lm/m	lm/m
DTW	1900-3000k	650	1150	1300

Note: -40% light loss with Opal cover

About the Light source:
24v, flexible LED strip with reflective, white surface and 3M adhesive tape on the back. Homogeneous light source for fixtures with Opal covers <25mm from LED to Opal cover. Bridgelux LEDs of the highest quality. 120° beam angle.
"One Bin Only" within 2 MacAdam
Integrated Constant Current technology to guarantee Constant color and Intensity over from first to last LED over lifetime

About the Fixtures:
A portfolio of Aluminium Recessed, Surface Mounted, Suspended or Plaster-In profiles, covers and mounting accessories for Interior, Exterior architectural and commercial applications.
(See separate pdf catalogue and specification builder for options)

Integrate
HEC (Single Colour R,G,B,Y)

General Information

- Flexible LED strip IP20
- 24v DC Constant Voltage
- Beam angle: 120°
- CRI > N/A
- R9 > N/A
- Increments 125mm, 100mm, 62.5mm, 50mm
- LED Pitch: 15.6mm
  LED Increment and pitch dependent on Power p/m
- Lifespan L70: ≥ 50,000 hours
- Dimmable – Mains (Triac) DALI, DMX, 0-10v
- Max Ambient operating temperature
  (6-14w/m 50°c, 18w/m 45°c, 29-39w/m 35°c)
- Integrate fixtures IP40, IP44
- 5 Year warranty

LED Increment and Pitch dependent on Power/m:

4.8w/m LED Increment 125mm LED Pitch 15.6mm
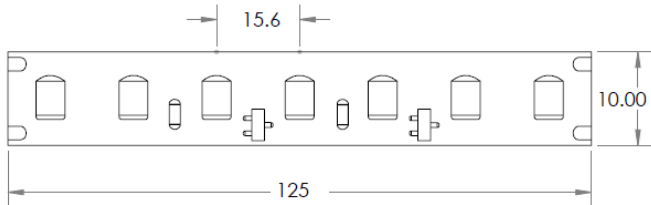
6w/m LED Increment 100mm LED Pitch 15.6mm
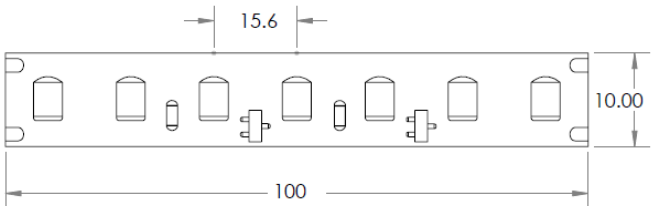
9.6w/m LED Increment 62.5mm LED Pitch 15.6mm

IP44 Test image by Nemko
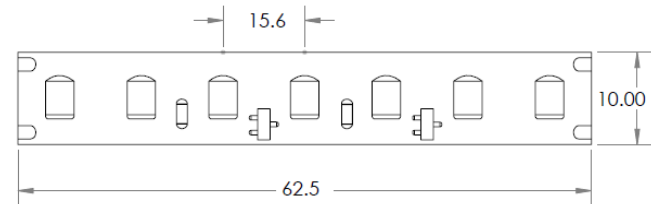
12w/m LED Increment 50mm LED Pitch 15.6mm
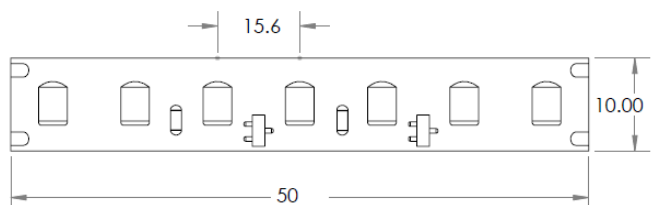
Integrate LED Code	CCT	4.8w/m	6w/m	9.6w/m	12w/m
		lm/m	lm/m	lm/m	lm/m
HEC	🟥	Nm	Nm	Nm	Nm
HEC	🟩	Nm	Nm	Nm	Nm
HEC	🟦	Nm	Nm	Nm	Nm
HEC	🟨	Nm	Nm	Nm	Nm

Note: -40% light loss with Opal cover

About the Light source:
24v, flexible LED strip with reflective, white surface and 3M adhesive tape on the back. Homogeneous light source for fixtures with Opal covers <15mm from LED to Opal cover. Bridgelux LEDs of the highest quality. 120° beam angle.
"One Bin Only" within 3 MacAdam
Integrated Constant Current technology to guarantee Constant color and Intensity over from first to last LED over lifetime

About the Fixtures:
A portfolio of Aluminium Recessed, Surface Mounted, Suspended or Plaster-In profiles, covers and mounting accessories for Interior, Exterior architectural and commercial applications.
(See separate pdf catalogue and specification builder for options)

Integrate
RGB W

General Information

- Flexible LED strip IP20
- 24v DC Constant Voltage
- Beam angle: 120°
- CRI >95
- R9 >90
- Increments 62.5mm
- LED Pitch: 10.42mm
- Lifespan L70: ≥ 36,000 hours
- Dimmable – Dali, DMX
- Max Ambient operating temperature (22w/m 45°c)
- Integrate fixtures IP40, IP44
- **5 Year warranty**

14w & 18w/m LED Increment 100mm LED Pitch 16.6mm
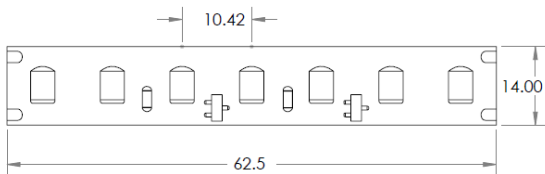
22w/m LED Increment 62.5mm LED Pitch 10.42mm
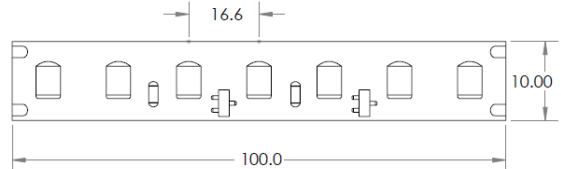
Integrate LED Code	CCT	14w/m	18w/m	22w/m
		lm/m	lm/m	lm/m
RGB W	2400k	360	655	985
RGB W	2700k	391	681	1037
RGB W	3000k	415	700	1068

Note: -40% light loss with Opal cover

About the Light source:
24v, flexible LED strip with reflective, white surface and 3M adhesive tape on the back. Homogeneous light source for fixtures with Opal covers <15mm from LED to Opal cover. Bridgelux LEDs of the highest quality. 120° beam angle.
"One Bin Only" within 2 MacAdam
Integrated Constant Current technology to guarantee Constant color and Intensity over from first to last LED over lifetime

About the Fixtures:
A portfolio of Aluminium Recessed, Surface Mounted, Suspended or Plaster-In profiles, covers and mounting accessories for Interior, Exterior architectural and commercial applications.
(See separate pdf catalogue and specification builder for options)

Integrate
NHD (IQ Tunable White)

General Information

- Flexible LED strip IP20
- 24v DC Constant Voltage
- Beam angle: 120°
- CRI >85
- R9 >65
- Increments 62.5mmm
- LED pitch: 8.93mm (CW-CW, WW-WW)
- Lifespan L80: ≥ 60,000 hours
- Dimmable – DALI, DMX, 0-10v
- Max Ambient operating temperature (12w/m 50°c, 24w/m 40°c, 42w/m 35°c)
- Available IP40, IP44, IP67
- 7 Year warranty (Limited 5,000hrs per year)
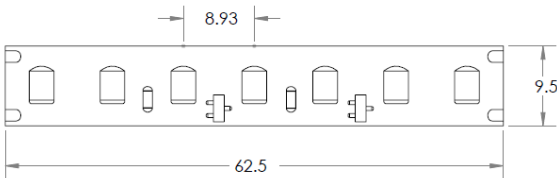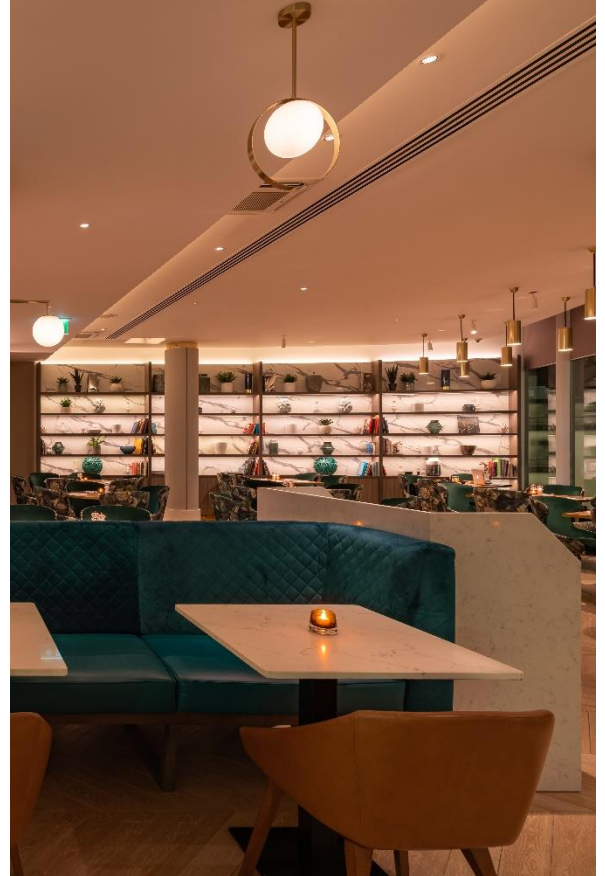
Integrate LED Code	CCT	12w/m	24w/m	42w/m
		lm/m	lm/m	lm/m
NHD IQ	2200-5000k	Total 1300 2200k @ 530 5000k @ 770	Total 2680 2200k @ 1170 5000k @ 1510	Total 4880 2200k @ 2190 5000k @ 2690

Note: -40% light loss with Opal cover

About the Light source:
24v, flexible LED strip with reflective, white surface and 3M adhesive tape on the back. Homogeneous light source for fixtures with Opal covers <15mm from LED to Opal cover. Nichia LEDs of the highest quality. 120° beam angle.
"One Bin Only" within 3 MacAdam.
Integrated Constant Current technology to guarantee Constant color and Intensity over from first to last LED over lifetime

About the Fixtures:
A portfolio of Aluminium Recessed, Surface Mounted, Suspended or Plaster-In profiles, covers and mounting accessories for Interior, Exterior architectural and commercial applications.
(See separate pdf catalogue and specification builder for options)

Integrate
RGBWH

General Information

- Flexible LED strip IP20
- 24v DC Constant Voltage
- Beam angle: 120°
- CRI >98
- R9 >95
- Increments 83.3mm
- LED pitch: 13.8mm
- Lifespan L90: ≥ 60,000 hours
- Dimmable – DALI, DMX
- Max Ambient operating temperature (15w/m 50°c, 25w/m 45°c)
- Available IP40, IP44, IP67
- 7 Year warranty (Limited to 5,000hrs per year running)
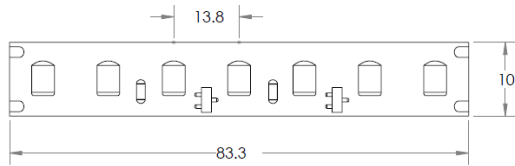
Integrate LED Code	CCT	20w/m	40w/m
		lm/m	lm/m
RGBWH	3000k	560/940	790/2920
RGBWH	4000k	560/980	790/3020

Note: -40% light loss with Opal cover

About the Light source:
24v, flexible LED strip with reflective, white surface and 3M adhesive tape on the back. Homogeneous light source for fixtures with Opal covers <15mm from LED to Opal cover. Osram LEDs of the highest quality. 120° beam angle.
"One Bin Only" within 3 MacAdam
Integrated Constant Current technology to guarantee Constant color and Intensity over from first to last LED over lifetime

About the Fixtures:
A portfolio of Aluminium Recessed, Surface Mounted, Suspended or Plaster-In profiles, covers and mounting accessories for Interior, Exterior architectural and commercial applications.
(See separate pdf catalogue and specification builder for options)

Integrate

Aluminium Profiles - Surface Mounted or Suspended

2
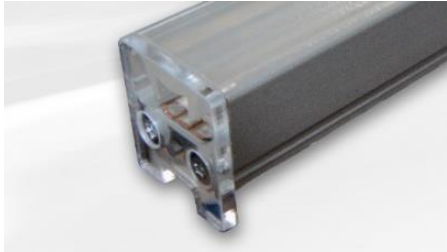
19.5mm wide x (other dimensions as drawing)
Surface mounted Direct only IP40, IP44
Round, Low & High Square cover, Opal, Frosted or Clear
(for use with LED up to 25w/m)

COVER	
TAPE	
BASE PROFILE	
MOUNTING	
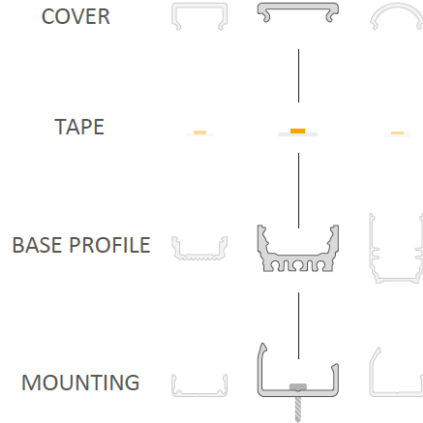
Angled/Flat Mounting and Base Profile 2. Configured fixtures available in 4000mm lengths with 90mm Clips

Low Cover 2

27mm / 26mm	25mm / 24mm	22mm / 22mm	17mm / 19.5mm

High Square Cover 2

31.1mm / 29.83mm	29.6mm / 26.79mm	26.7mm / 23.27mm	22.3mm / 19.5mm

Round Cover 2

27.6mm / 26.31mm	26.5mm / 23.74mm	24.8mm / 21.53mm	22.4mm / 19.5mm
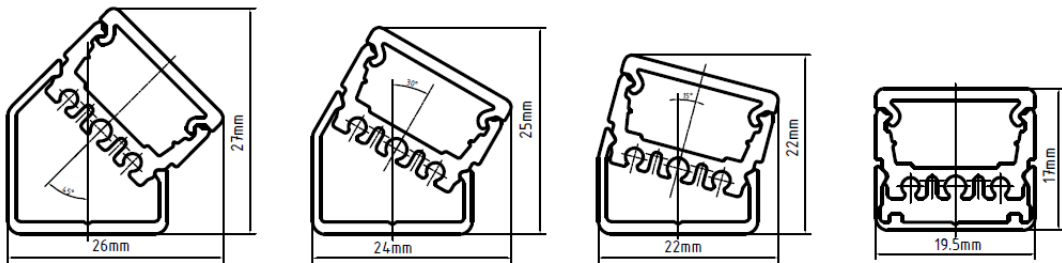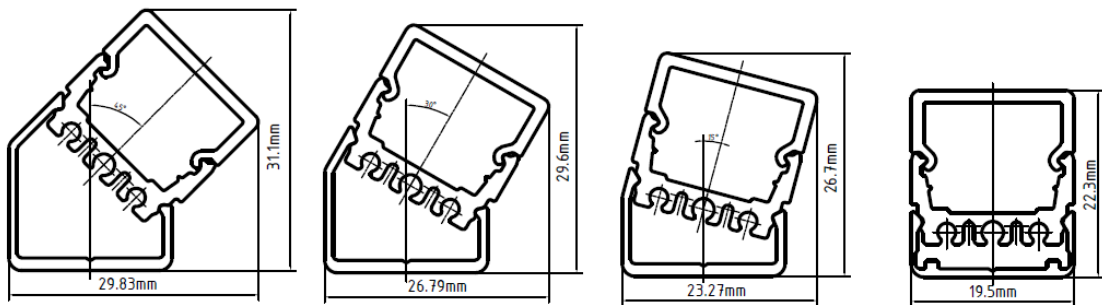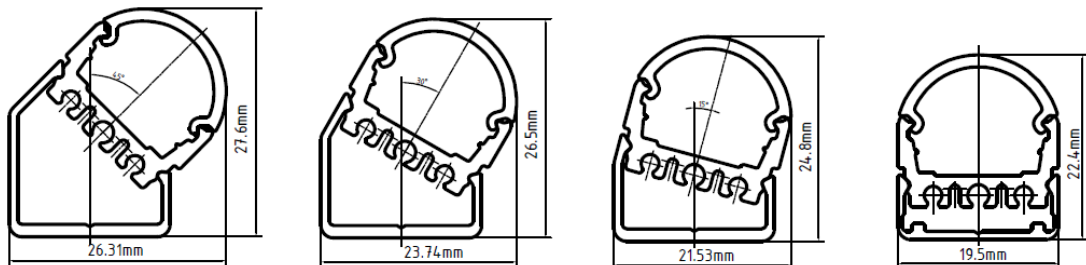
4

19.5mm wide x (other dimensions as drawing)
Surface mounted Direct only IP40, IP44
Round, Low & High Square cover, Opal, Frosted or Clear
Linear Optic 10, 30, 60deg.
(for use with LED up to 42w/m)

Low Square

High Square

Round

22.00
19.50

27.00
19.50

27.00
19.50
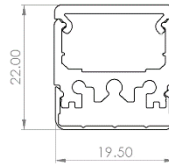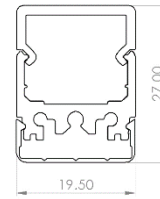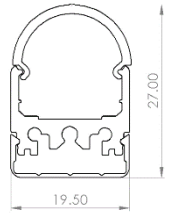
Linear Optic 10°, 30° & 60°
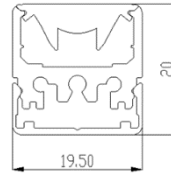
Linear Optic 10°, 30° & 60°
with adjustable bracket

20
19.50

27.7
32.00
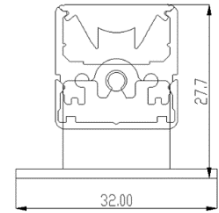
Angled/Flat Mounting and Base Profile 4. Configured fixtures available in 4000mm lengths with 90mm Clips

Low Cover 4

45°
31mm
29.8mm

30°
29mm
28mm

15°
22mm
26mm

22mm
19.5mm

High Square Cover 4

45°
34.2mm
39.04mm

30°
33.6mm
30.79mm

15°
29.7mm
27.27mm

27mm
19.5mm

Round Cover 4

45°
30.6mm
35.45mm

30°
30.5mm
27.74mm

15°
28.8mm
25.53mm

27mm
19.5mm
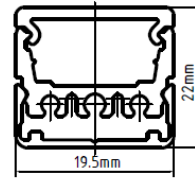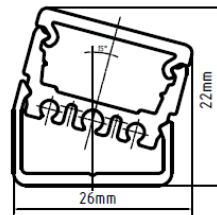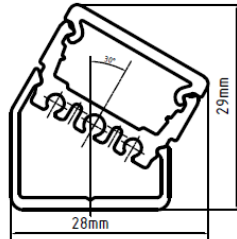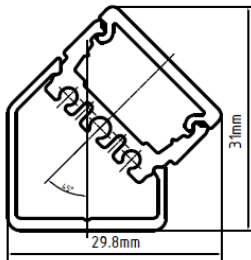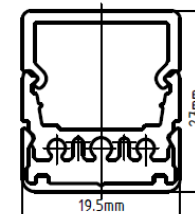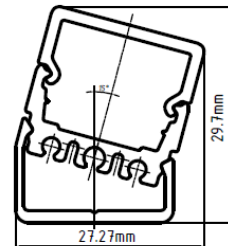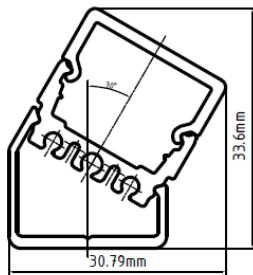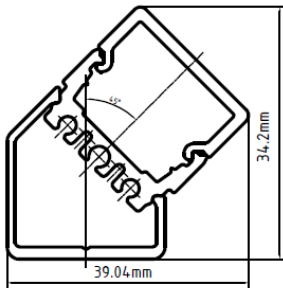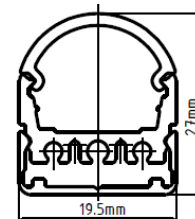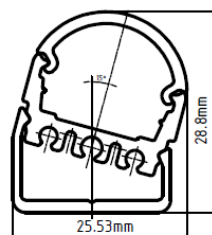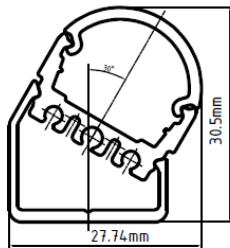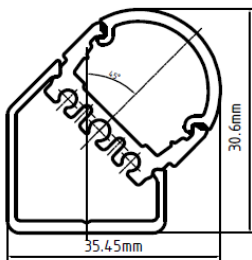
5
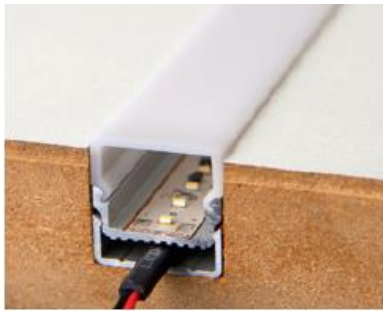
19.5mm wide x (other dimensions as drawing)
Surface mounted Direct only IP40
Round, Low & High Square cover, Opal, Frosted or Clear
(for use with LED up to 15w/m)

COVER

TAPE

BASE PROFILE
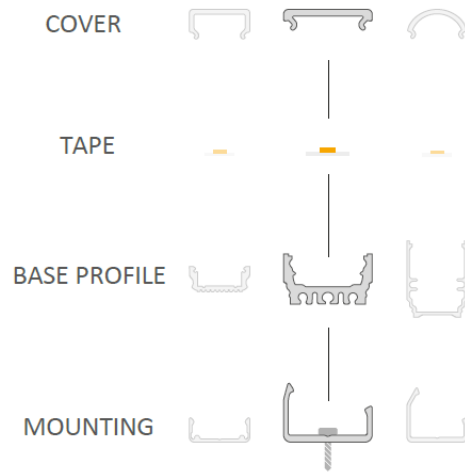
MOUNTING

Angled/Flat Mounting and Base Profile 5. Configured fixtures available in 4000mm lengths with 90mm Clips

Low Cover 5

15.00 / 19.50

22.00 / 22.00

25.00 / 24.00

27.00 / 26.00

High square Cover 5

20.00 / 19.50

26.70 / 23.27

29.60 / 26.79

31.10 / 29.83

Round Cover 5

20.00 / 19.50

24.80 / 21.53

26.50 / 23.74

27.60 / 26.31
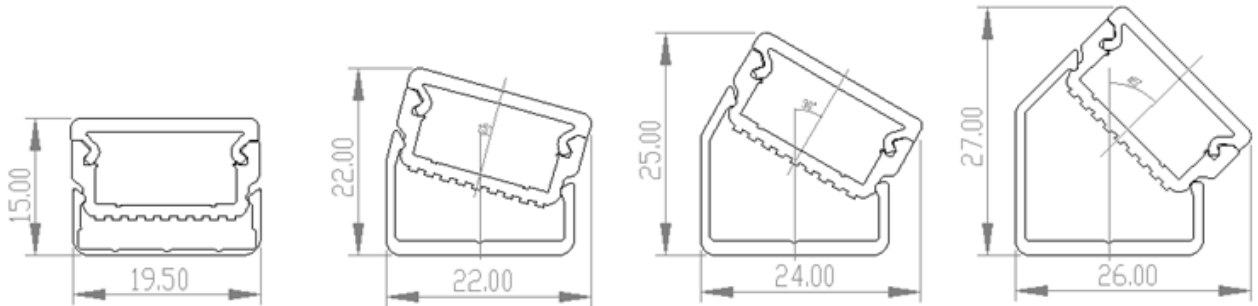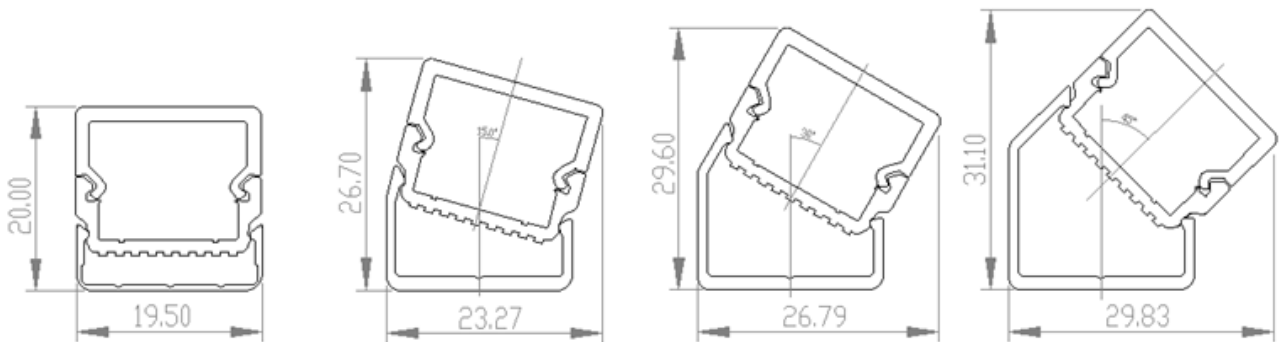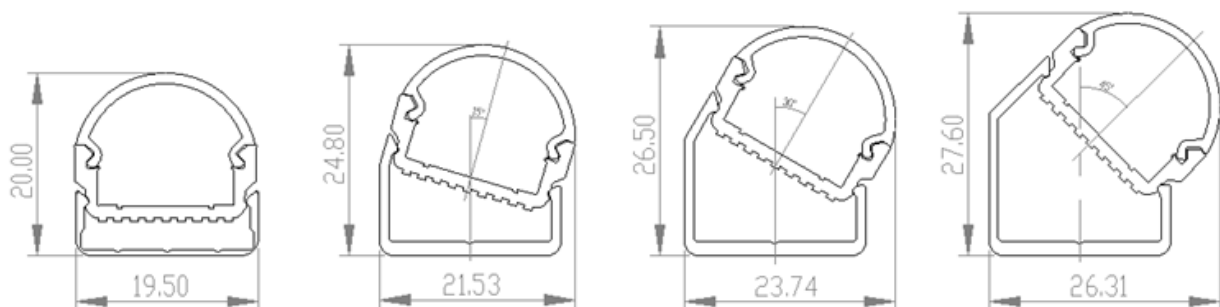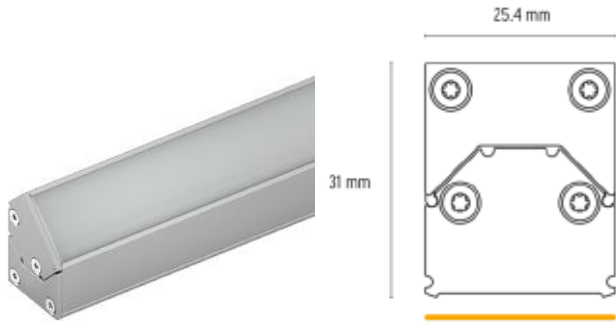
7 25.4mm x 31mm Surface mounted or Suspended, Direct only IP40, IP67 Low Clear, Frosted, Opal Cover (for use with LED up to 36w/m)	**7A45** 25.4mm x 36mm Surface mounted, Direct only IP40, IP67 Linear Optics Opal or Clear 30 or 60 (for use with LED up to 36w/m)
SL 7 7.9mm(12mm) x 17.5mm Surface mounted, Direct only IP40 Low Opal, Frosted Cover (for use with LED up to 15w/m)	**SL7 OP** 12mm x 17.5mm Surface mounted, Direct only IP40 Linear Optics Opal or Clear 15°, 30° or 60° (for use with LED up to 15w/m)
SL 15 15mm x 17.5mm Surface mounted, Direct only IP40 Low Opal, Frosted Cover, Linear Optic 15°, 30°, 60° (for use with LED up to 20w/m)	**SL 15 OP** 15mm x 17.5mm Surface mounted, Direct only IP40 Low Opal, Frosted Cover, Linear Optic 15°, 30°, 60° (for use with LED up to 20w/m)
SL 15 FL 17.5mm x 19mm Surface mounted, Direct only, IP40 Low Opal, Frosted Cover, Linear Optic 15°, 30°, 60° (for use with LED up to 25w/m)	**SLW 20 FL** 23.2mm x 27.8mm Surface mounted, Direct only, IP40 Low Opal or Frosted Cover (for use with LED up to 15w/m)
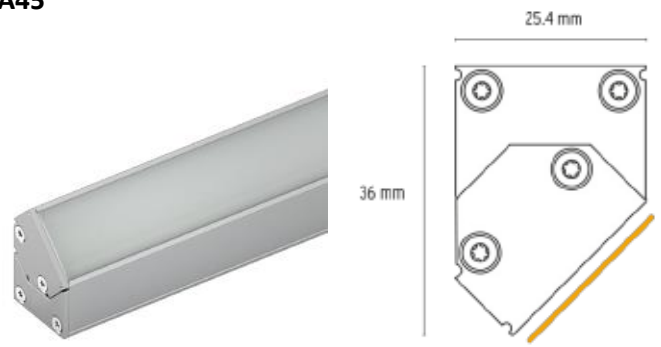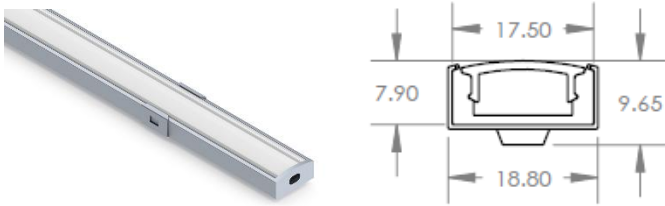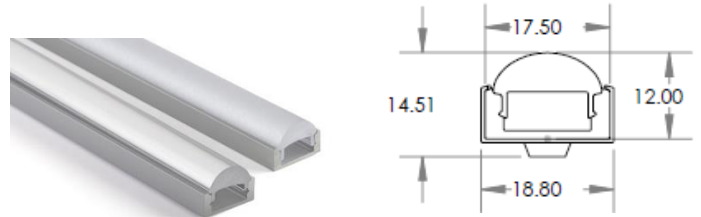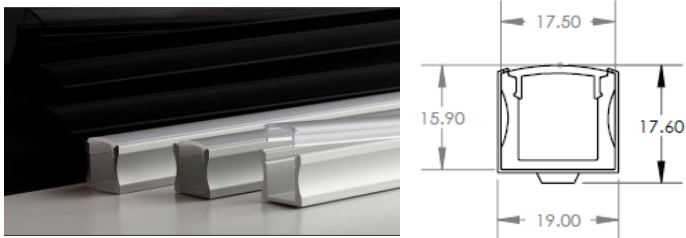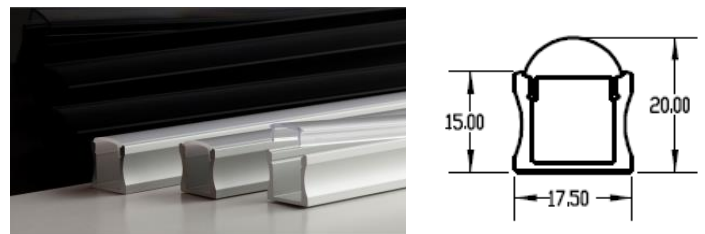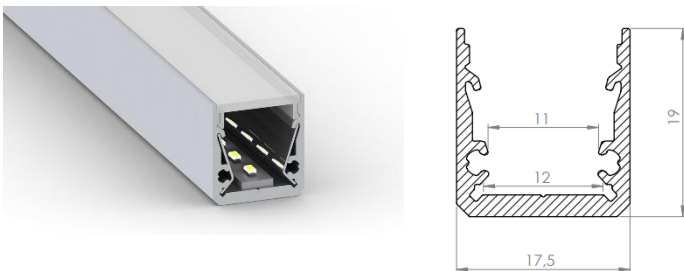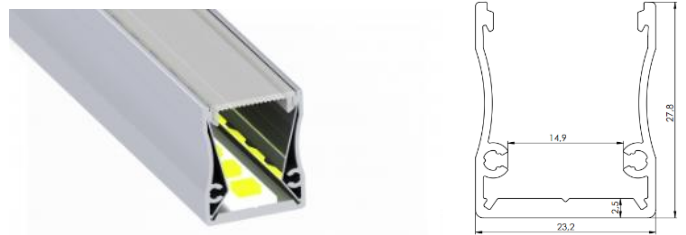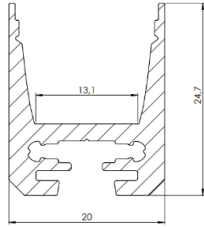
AS 20 20mm x 24.7mm Surface mounted, Suspended Direct only IP40 Low Opal or Frosted Cover (for use with LED up to 25w/m)	**DPL35 FL** 38mm x 58.5mm Suspended Direct/Indirect IP40 Low Opal or Frosted Cover (for use with LED up to 42w/m)
SPL 35 FL 35mm x 35mm Surface mounted, Suspended Direct only, IP40 Low Opal, Low Frosted or Low Black Light cover (for use with LED up to 42w/m)	**DPL55 FL** 55mm x 67.5mm Suspend Direct/Indirect Narrow or Wide Beam angle options, IP40 Low Opal or Frosted Cover (for use with LED up to 42w/m)
PL55 FL 55mm x 31mm Surface mounted, Suspended or Recessed Trimless, IP40 Low Opal or Frosted Cover (for use with LED up to 42w/m)	**Alu P** 16mm x 24mm Surface mounted, Suspended, Direct only IP40 or IP67 Opal cover (for use with LED up to 15w/m)
PLS 33 33mm x 72mm Surface mounted, Suspended, Wall mounted Direct only IP40 Upper housing for integral control gear or wireway Low Opal or Frosted Cover (for use with LED up to 42w/m)	
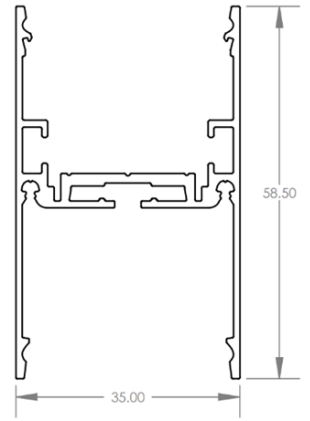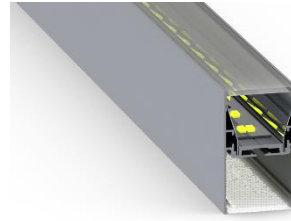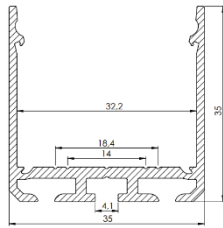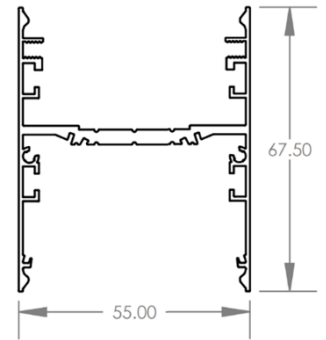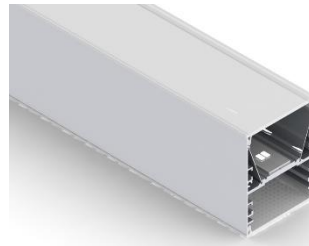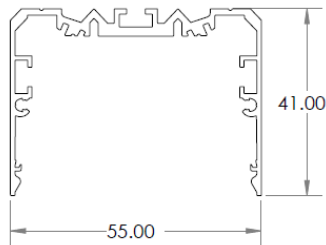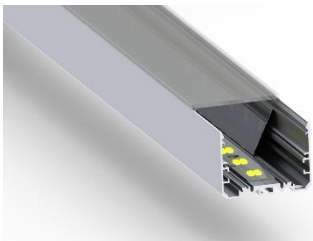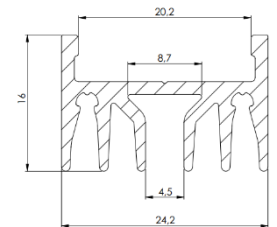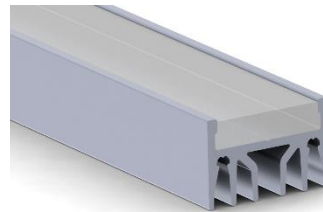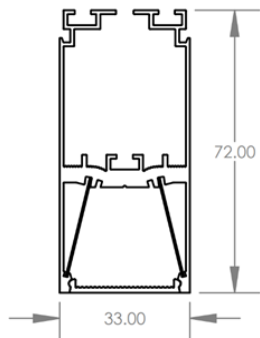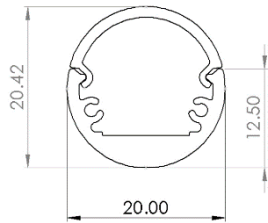
024 20mm Diameter Wall bracket or Wire suspended IP40 Round Opal Cover or Linear Optics 15, 30 & 60deg. (for use with LED up to 15w/m)	**Alu R** 24mm Diameter End, Arm bracket or Suspended IP40 Round Opal Cover or Linear Optics 30 & 60deg. (for use with LED up to 15w/m)
AL R 38 38mm Diameter End, Arm bracket or Suspended IP40 Round Opal Cover or Linear Optics 30 & 60deg. (for use with LED up to 42w/m)	**8A8** (Only 4mm wide tapes to be used) 8mm x 8mm angled Surface mounted, Direct only IP40 Round Opal cover (for use with LED up to 10w/m)
Alu 45 17.6mm x 26mm Surface mounted, Direct only IP40, IP44 Opal cover (for use with LED up to 15w/m)	**16/16K** 16mm x 16mm Surface mounted, Direct only Square Opal Cover (for use with LED up to 15w/m)
16/16E 16mm x 16mm Surface mounted, Direct only Round Opal Cover (for use with LED up to 15w/m	**8/9** (Only 4mm wide tapes to be used) 8mm x 9mm Surface mounted, Direct only IP40 Low Opal cover (for use with LED up to 10w/m)
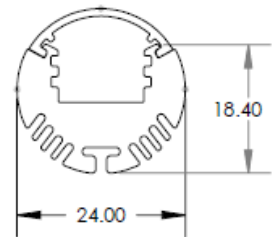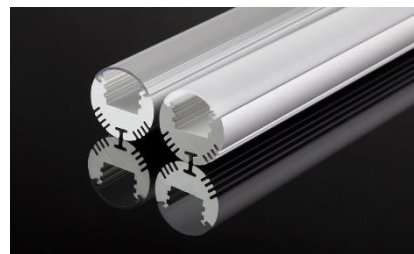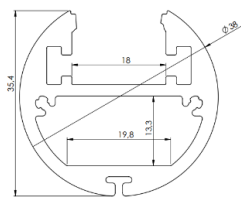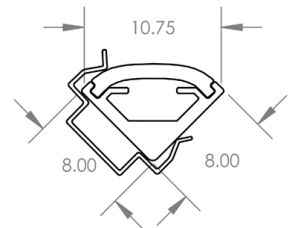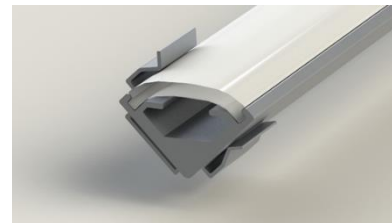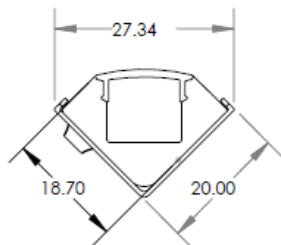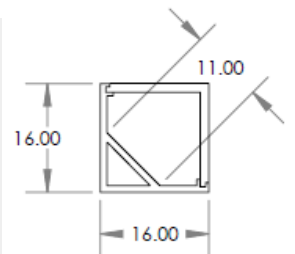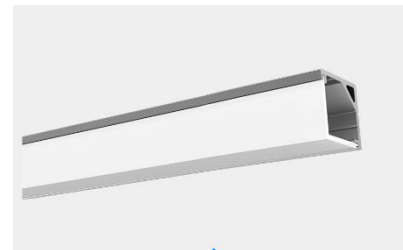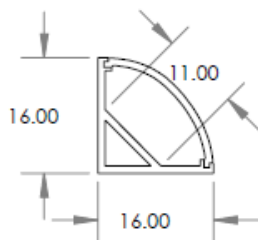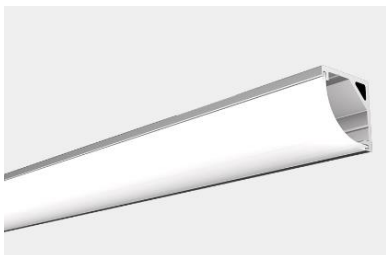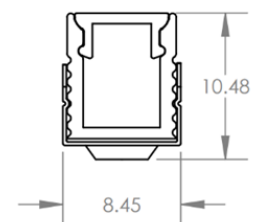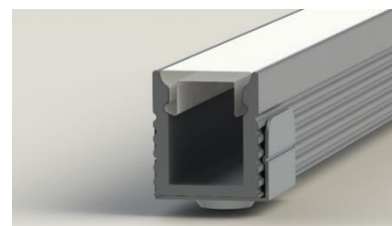
6/6
(Only 4mm wide tapes to be used)
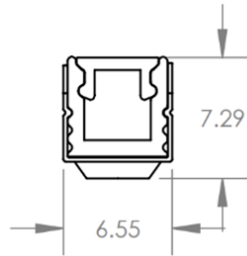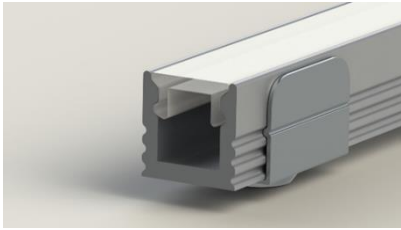
6mm x 6mm
Surface mounted, Direct only IP40
Low Opal cover
(for use with LED up to 10w/m)

Note: only homogenous with Slim 9w/m

Alu Sw
(Only 4mm wide tapes to be used)
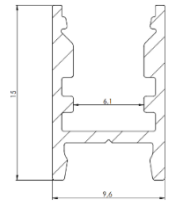
9mm x 15mm
Surface mounted, Direct only IP40
Low Opal cover
(for use with LED up to 10w/m)

NL 6
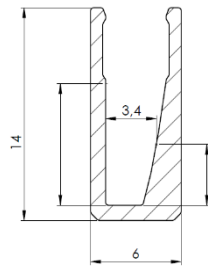
6mm x 14mm
Surface or Recessed in Joinery, Direct only
Silicon insert to IP67
(for use with LED up to 10w/m)

Integrate
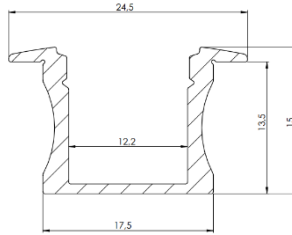## Aluminium Profiles - Recessed

RSLW 20 FL
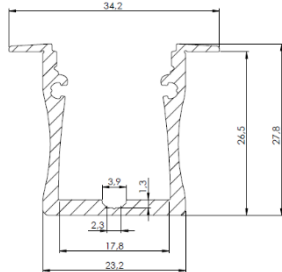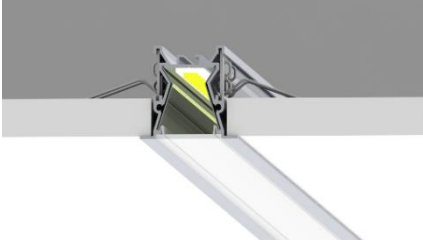
36mm x 34.3mm
Recessed mounted, Direct only, IP40
Low Opal or Frosted Cover
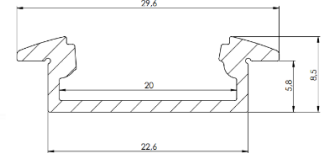(for use with LED up to 25w/m)

RPLW80 FL
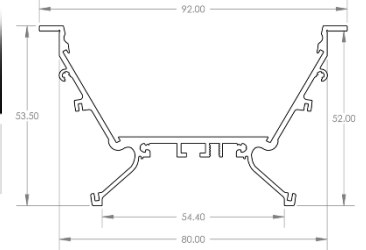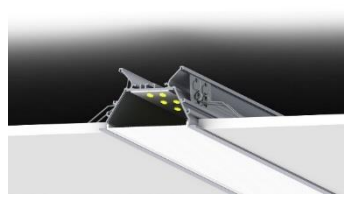
92mm x 55.6mm
Recessed mounted, Direct only, IP40
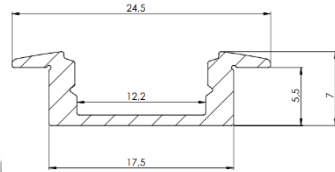Low Opal or Frosted Cover
(for use with LED up to 60w/m)

RPL 55
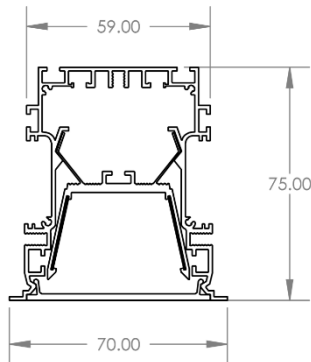
70mm x 75mm
Recessed mounted, Direct only, IP40 (2part install)
Low Opal or Honeycomb lens
(for use with LED up to 60w/m)

RPL 35 FL
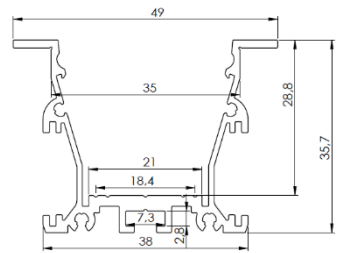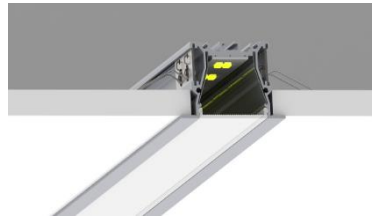
48mm x 35.7mm
Recessed mounted, Direct only IP40
Low Opal or Frosted Cover
(for use with LED up to 60w/m)

Alu Bb
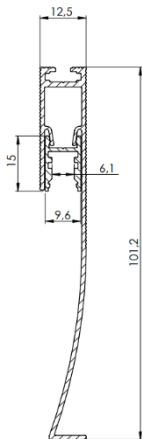
12.5mm x 101mm
Indirect only (2 part install)
Low Opal or Frosted Cover IP40
(for use with LED up to 15w/m)

Alu W
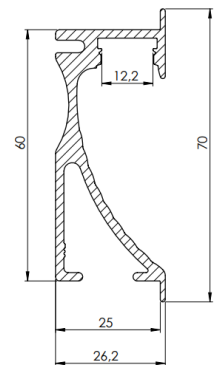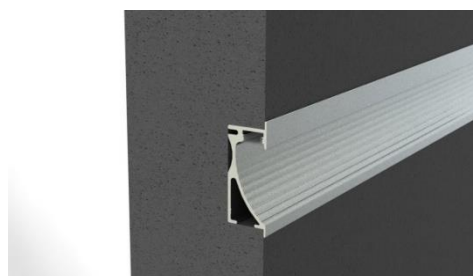
26.2mm x 70mm
Indirect only IP40
Low Opal or Frosted Cover
(for use with LED up to 25w/m)
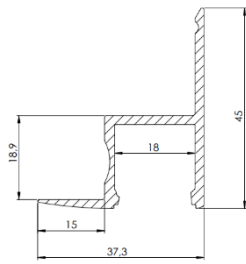
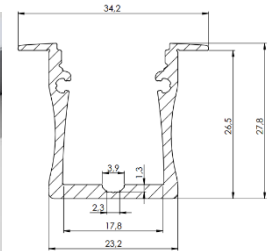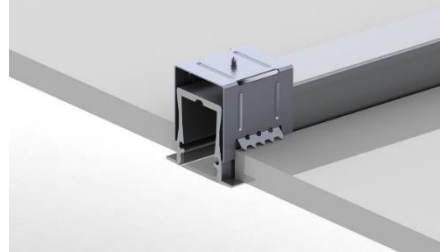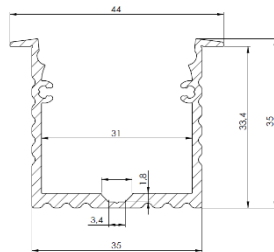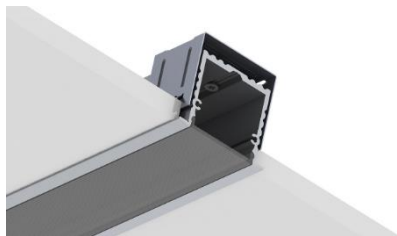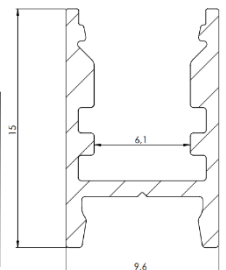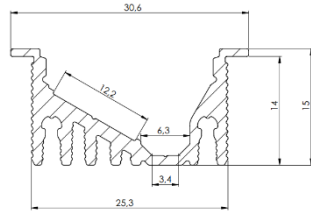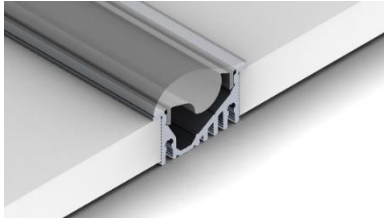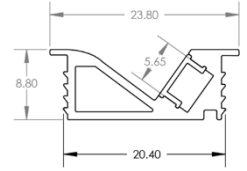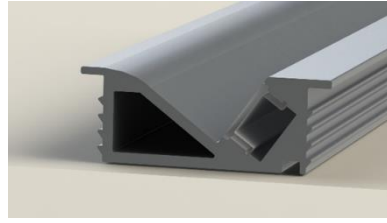|	
Alu C 45mm x 37mm Surface mounted, Direct only IP40 Low Opal or Frosted Cover (for use with LED up to 15w/m)	**RPLW 80** 92mm x 40mm Recessed mounted, Direct only IP40 Low Opal or Frosted Cover (for use with LED up to 60w/m)
RSL 15 15mm x 24.5mm Recessed mounted, Direct only IP40 Low Opal or Frosted cover (for use with LED up to 15w/m)	**RSL W8** 8.47mm x 29.6mm Recessed mounted, Direct only IP40 Low opal or Frosted cover (for use with LED up to 15w/m)
RSL 7 7mm x 24.5mm Recessed mounted, Direct only IP40 Low Opal or Frosted cover (for use with LED up to 15w/m)	**RSLW20** 27.8mm x 34mm Recessed mounted, Direct only IP40 Low Opal cover (for use with LED up to 25w/m)
Alu Asy 35mm x 35mm Recessed mounted, Direct only Low opal or Frosted cover, Black Light Diffuser (for use with LED up to 60w/m)	**Alu S** 9mm x 15mm Recessed mounted, Direct only Opal, Frosted cover (for use with LED up to 10w/m) **(*4mm wide Slim tape only*)**
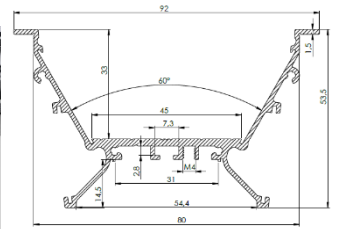
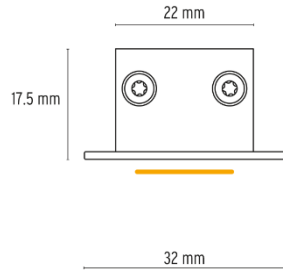| ALUA	R 219
30mm x 22mm Recessed only, Asymmetric distribution Direct only IP40 Frosted Cover (for use with LED up to 25w/m)	21mm (23.8mm) x 8.8mm Recessed only, Asymmetric distribution Direct only IP40 Opal cover (for use with LED up to 10w/m) **(*4mm wide Slim tape only*)** **Note: only homogenous with Slim 9w/m**
020	
32mm x 17mm Recessed only,Direct only IP40 Opal or Frosted Cover, Linear Optics 10°, 30°, 60° (for use with LED up to 25w/m)	

Integrate
Aluminium Profiles - Plaster In

13/14U

14mm x 13mm (53mm)
Recessed mounted, Direct only
Low Opal Cover
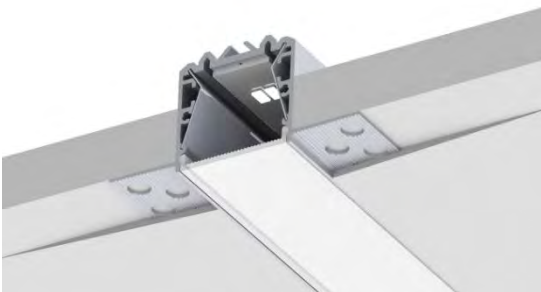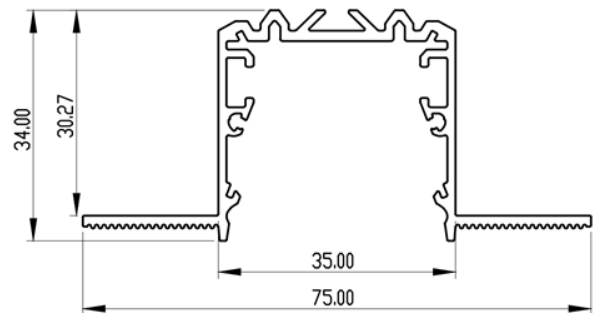(for use with LED up to 15w/m)

53.00

14.00

10.00

13.00
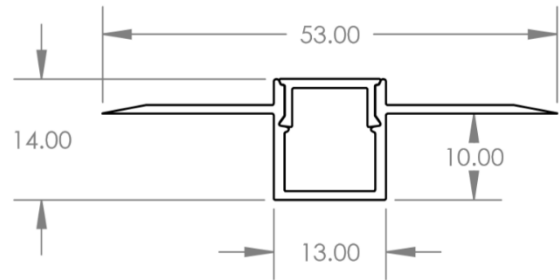
29/14U

14mm x 28.5mm (61.5mm)
Recessed mounted, Direct only
Low Opal Cover
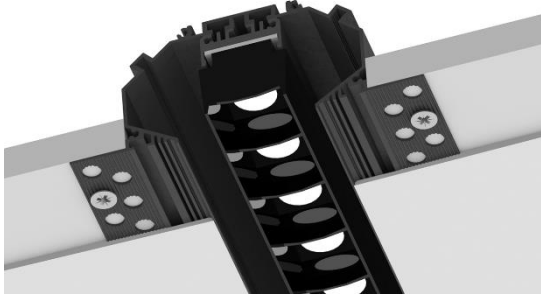(for use with LED up to 25w/m)

61.50

10.00

14.00

28.50
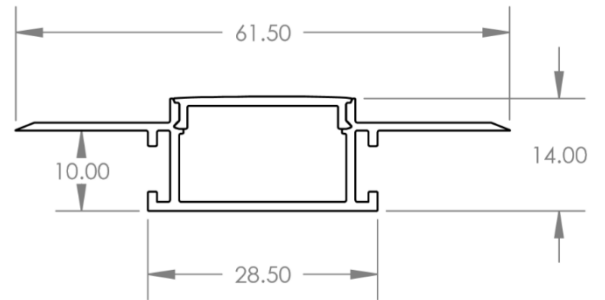
RPL 35 US

34mm x 75mm
Recessed mounted, Direct only, IP40
Low Opal or Frosted Cover
(for use with LED up to 60w/m)

34.00

30.27

35.00

75.00
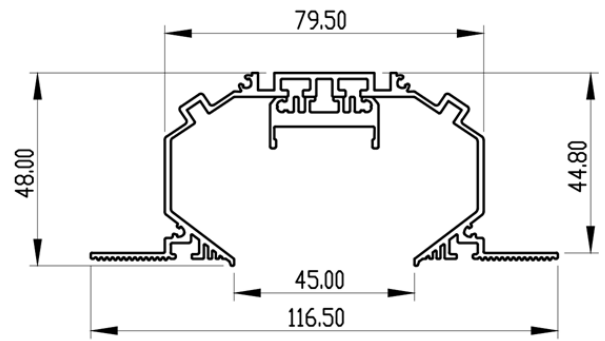
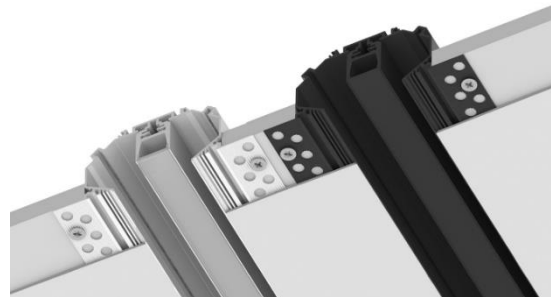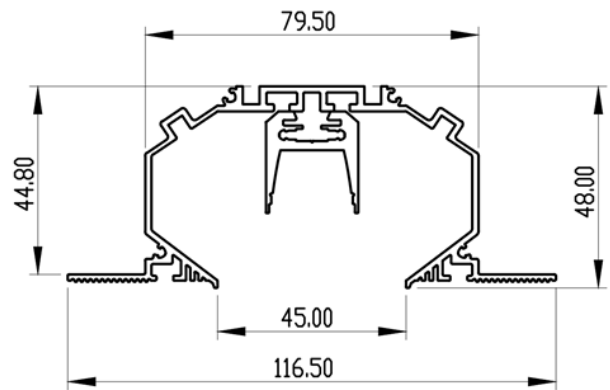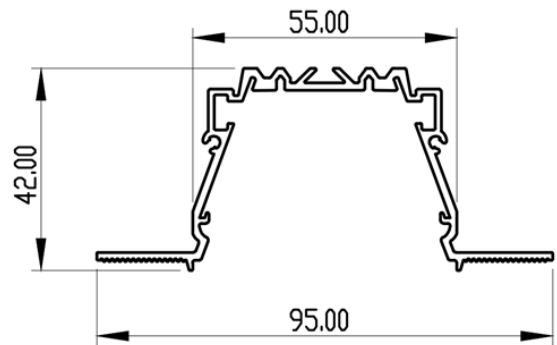|	
RPL 45 US Optic 48mm x 116mm Recessed mounted, Direct only, IP40 (2part install) Low Opal or Honeycomb lens (for use with LED up to 60w/m)	79.50 48.00 / 44.80 45.00 116.50
RPL 45 US Dark Light 42mm x 95mm Recessed mounted, Direct only (2part install) Low Opal or Frosted Cover IP40 (for use with LED up to 60w/m)	79.50 44.80 / 48.00 45.00 116.50
RPL 55 US 48mm x 116mm Recessed mounted, Direct only, IP40 (2part install) Low Opal or Frosted Cover (for use with LED up to 60w/m)	55.00 42.00 95.00
ALU Cove 1 22mm x 25mm Plasterboard margin mounted, Direct only IP40 Low Opal Cover (for use with LED up to 15w/m)	22.00 53.00 / 25.00 16.00