



LP20C PROFILE

CORNER LINEAR PROFILE LUMINAIRE



Matt Black,
Clear Diffuser

Silver Anodized,
Milky Diffuser

PROFILE FINISHING

Matt Black

Silver Anodized



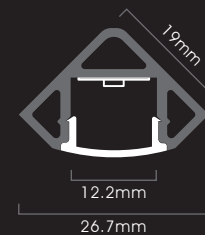
DIFFUSER

Clear

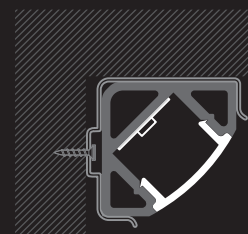
Milky

Black

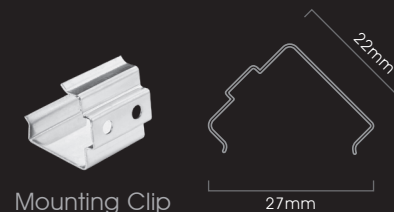
DIMENSION



INSTALLATION

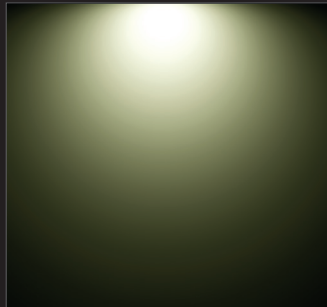


ACCESSORIES



Mounting Clip

Beam Angle: 115°



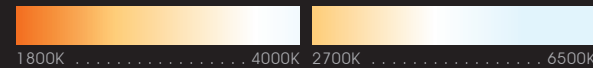
- Profile Type : 19mm width aluminium linear profile
- Profile Finishing : Matt Black / Silver Anodised
- Diffuser : Clear / Milky / Black
- Light Uniformity : Dot-visible (Clear diffuser), Dot-less (Milky / Black diffuser)
- Mounting : Corner surface, with stainless steel mounting clip
- Compatible LED Module : FM6, FM8 TW, FM8 WD, FM10 WD, FM10 RGB, FM12 RGBW
- CRI : Ra>90, R9>50
- SDCM : 3 step MacAdam ellipse binning
- Lifetime : Up to 50,000 hours L80 lamp life at Ta = 25°C
- Voltage : 24V DC
- Maximum Power : 20W/m
- Length Options : 113mm to 1963mm by increment of 50mm
- Operating Temperature : Ta (min) = -20°C, Ta (max) = +50°C
- Wire Connection : Supplied with insulated wires at 200mm length
- IP Rating : IP40 or IP54
- Profile LOR : 73% (Clear diffuser), 40% (Milky diffuser), 6% (Black diffuser)

☐ CCT OPTIONS

Single CCT



Tunable-White



Dim-to-Warm



RGB

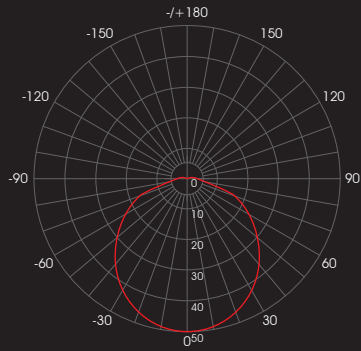


RGBW



☐ PHOTOMETRICS

■ With FM6 20W/m



Correction Factor : FM6 5W/m ~ f = 0.25
 FM6 10W/m ~ f = 0.50
 FM6 15W/m ~ f = 0.75
 FM6 20W/m ~ f = 1.00

☐ SPECIFICATIONS

■ With FM6, FM12, FM8 TW, FM8 WD Module

CCT	Efficacy (lm/W)	Luminous Flux per meter (lm/m)				Diffuser Type
		5W/m	10W/m	15W/m	20W/m	
1800K 2000K	56.5	283	565	848	1130	Clear
	31.0	155	310	464	619	Milky
	4.7	23	47	69	93	Black
2200K 2500K	67.3	337	673	1010	1347	Clear
	36.9	184	369	553	738	Milky
2700K 3000K 3500K	5.6	28	56	83	110	Black
	77.4	387	774	1161	1548	Clear
	42.4	212	424	636	848	Milky
4000K 5000K 5700K 6500K	6.4	32	64	95	127	Black
	81.3	406	813	1219	1625	Clear
	44.5	223	445	668	890	Milky
	6.7	34	67	100	133	Black

■ With FM10 WD Module

CCT	Dimming Level	Efficacy (lm/W)	Luminous Flux per meter (lm/m)	Diffuser Type
			15W/m	
1800K	7%	48.5	51	Clear
		26.6	28	Milky
		4.0	4	Black
2000K	16%	54.5	131	Clear
		29.8	72	Milky
		4.5	11	Black
2200K	20%	60.4	181	Clear
		33.1	99	Milky
		5.0	15	Black
2500K	29%	69.3	301	Clear
		38.0	165	Milky
		5.7	25	Black
2700K	38%	75.2	429	Clear
		41.2	235	Milky
		6.2	35	Black
3000K	100%	84.1	1261	Clear
		46.1	691	Milky
		6.9	104	Black

■ With FM10 RGB Module

CCT	Efficacy (lm/W)	Diffuser Type	RGB Wavelength (nm)
Red	21.9	Clear	617 - 627
	12.0	Milky	
	1.8	Black	
Green	42.3	Clear	515 - 525
	23.2	Milky	
	3.5	Black	
Blue	8.8	Clear	464 - 474
	4.8	Milky	
	0.7	Black	

■ With FM12 RGBW Module

CCT	Efficacy (lm/W)	Diffuser Type	RGB Wavelength (nm) / White CCT
Red	36.5	Clear	620 - 630
	20.0	Milky	
	3.0	Black	
Green	55.5	Clear	515 - 525
	30.4	Milky	
	4.6	Black	
Blue	14.6	Clear	460 - 470
	8.0	Milky	
	1.2	Black	
White	84.0	Clear	3000K, 4000K, 6500K
	46.0	Milky	
	6.9	Black	

ORDERING MATRIX

FULLY ASSEMBLED WITH FLEXIBLE LINEAR LED STRIP

Module	Finishing	Diffuser	Length	LED Module Power & CCT				Wire End & Exit Configuration	Ingress Protection	
LP20C	MB Matt Black SL Silver	C Clear M Milky B Black	113 113mm	FM6	5 5W/m 10 10W/m 15 15W/m 20 20W/m	22 2200K 25 2500K 27 2700K 30 3000K 35 3500K 40 4000K 50 5000K 57 5700K 65 6500K	SE Single Wire End, End Cap Exit	IP40 IP40 IP54 IP54		
			1963 1963mm							
			*by every 50mm							
			FM8 TW/WD						5 5W/m	TW1840 Tunable-White 1800K-4000K
									10 10W/m	TW2765 Tunable-White 2700K-6500K
									15 15W/m	WD1830 Dim-to-Warm 1800K-3000K
		20 20W/m								
	FM10 WD	15 15W/m	WD1830 Dim-to-Warm 1800K-3000K							
	FM10 RGB	10 10W/m 15 15W/m 20 20W/m	RGB RGB							
	FM12 RGBW	10 10W/m 15 15W/m 20 20W/m	RGBW30 RGBW(3000K) RGBW40 RGBW(4000K) RGBW65 RGBW(6500K)							

Example: LP20C-SL-M-963-5-30-SE-IP40

LP20C Profile, Silver, Milky Diffuser, 963mm, with FM6 - 5W/m, 3000K, Single Wire End at End Cap Exit, IP40, Including 2 x End Cap & 2 x Mounting Clip

*Linear profiles of 113mm to 963mm length are supplied with 2 mounting clips.

*Linear profiles of 1013mm to 1463mm length are supplied with 3 mounting clips.

*Linear profiles of 1513mm to 1963mm are supplied with 4 mounting clips.

LINEAR PROFILE ONLY

Profile	Finishing	Diffuser	Length
LP20C	MB Matt Black	C Clear	1000 1000mm
		M Milky	1500 1500mm
	SL Silver	B Black	2000 2000mm

Example: LP20C-SL-M-2000

LP20C Profile, Silver, Milky Diffuser, 2000mm

End Cap	Finishing	Type
LP20C-EC	B Black	O With Opening
	SL Silver	B Blank

Example: LP20C-EC-SL-O

LP20C End Cap, Silver, With Opening

Mounting Clip
LP20C-MC

Example: LP20C-MC

LP20C Mounting Clip