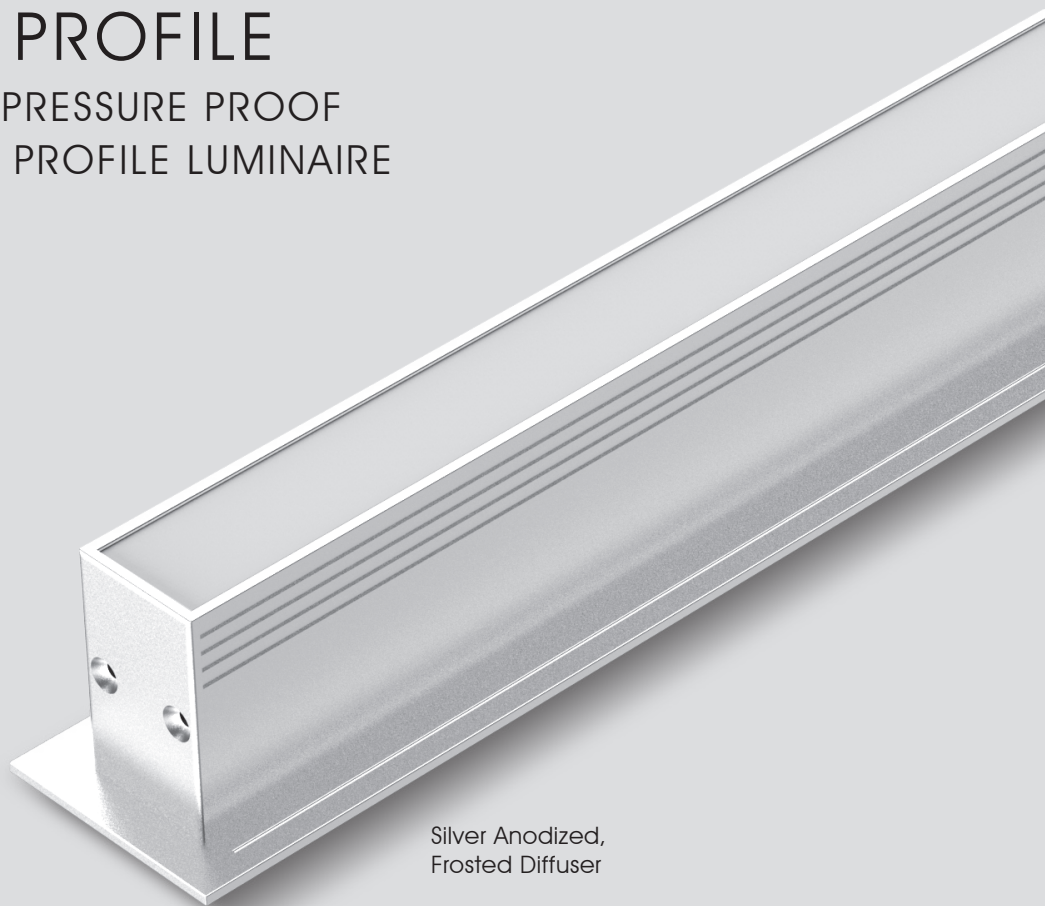




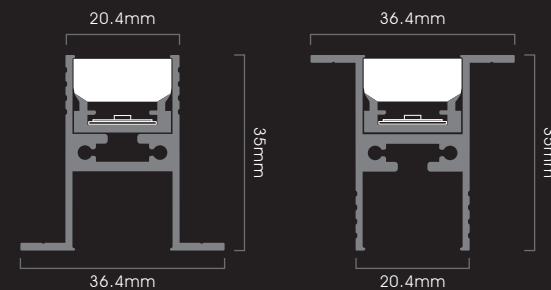
WP20R PROFILE

WEATHER & PRESSURE PROOF
FLAT LINEAR PROFILE LUMINAIRE

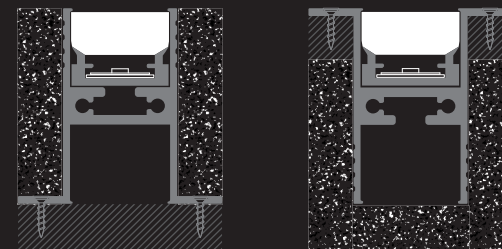


Silver Anodized,
Frosted Diffuser

DIMENSION



INSTALLATION



PROFILE FINISHING

Silver Anodized



Beam Angle: 115°



- Profile Type : 20.4mm width aluminium linear profile
- Profile Finishing : Silver Anodised
- Diffuser : Frosted
- Light Uniformity : Dot-less
- Mounting : Recessed, or embedded
- Compatible LED Module : FM6, FM8 TW, FM8 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 : 10W/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 IP67 wires and connector at 200mm length

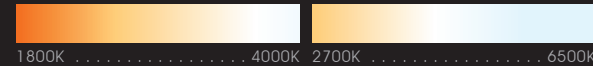
- IP Rating : IP67
- IK Rating : IK10
- Profile LOR : 50% (Frosted diffuser)

☐ CCT OPTIONS

Single CCT



Tunable-White



Dim-to-Warm



RGB

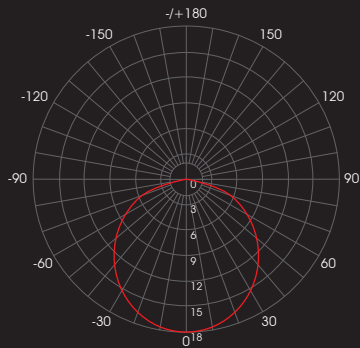


RGBW



PHOTOMETRICS

With FM6 10W/m



Correction Factor : FM6 5W/m ~ f = 0.50
FM6 10W/m ~ f = 1.00

SPECIFICATIONS

With FM6, FM8 TW, FM8 WD Module

CCT	Efficacy (lm/W)	Luminous Flux per meter (lm/m)		Diffuser Type
		5W/m	10W/m	
1800K 2000K	38.7	193	387	Frosted
2200K 2500K	46.1	231	461	
2700K 3000K 3500K	53.0	265	530	
4000K 5000K 5700K 6500K	55.7	278	557	

With FM10 RGB Module

CCT	Efficacy (lm/W)	Diffuser Type	RGB Wavelength (nm)
Red	15.0	Frosted	617 - 627
Green	29.0		515 - 525
Blue	6.0		464 - 474

With FM12 RGBW Module

CCT	Efficacy (lm/W)	Diffuser Type	RGB Wavelength (nm) / White CCT
Red	25.0	Frosted	620 - 630
Green	38.0		515 - 525
Blue	10.0		460 - 470
White	57.5		3000K, 4000K, 6500K

ORDERING MATRIX

FULLY ASSEMBLED WITH FLEXIBLE LINEAR LED STRIP

Module	Finishing	Diffuser	Length	LED Module Power & CCT				Wire End & Exit Configuration	Ingress Protection							
WP20R	SL Silver	F Frosted	113 113mm	FM6	5 5W/m	22	2200K	SR Single Wire End, Rear Exit	IP67 IP67							
			↕							10 10W/m	25	2500K				
			1963 1963mm										27	2700K		
			↕												30	3000K
			*by every 50mm													
	40	4000K														
			50	5000K												
					57	5700K										
							65	6500K								
									FM8 TW/WD	5 5W/m	TW1840	Tunable-White 1800K-4000K				
	10 10W/m	TW2765											Tunable-White 2700K-6500K			
			WD1830	Dim-to-Warm 1800K-3000K												
					FM10 RGB	10 10W/m			RGB	RGB						
	FM12 RGBW	10 10W/m			RGBW30	RGBW(3000K)										
					RGBW40	RGBW(4000K)										
					RGBW65	RGBW(6500K)										

Example: WP20R-SL-F-963-5-30-SR-IP67

WP20R Profile, Silver, Frosted Diffuser, 963mm, with FM6 - 5W/m, 3000K, Single Wire End at Rear Exit, IP67, Including 2 x End Cap