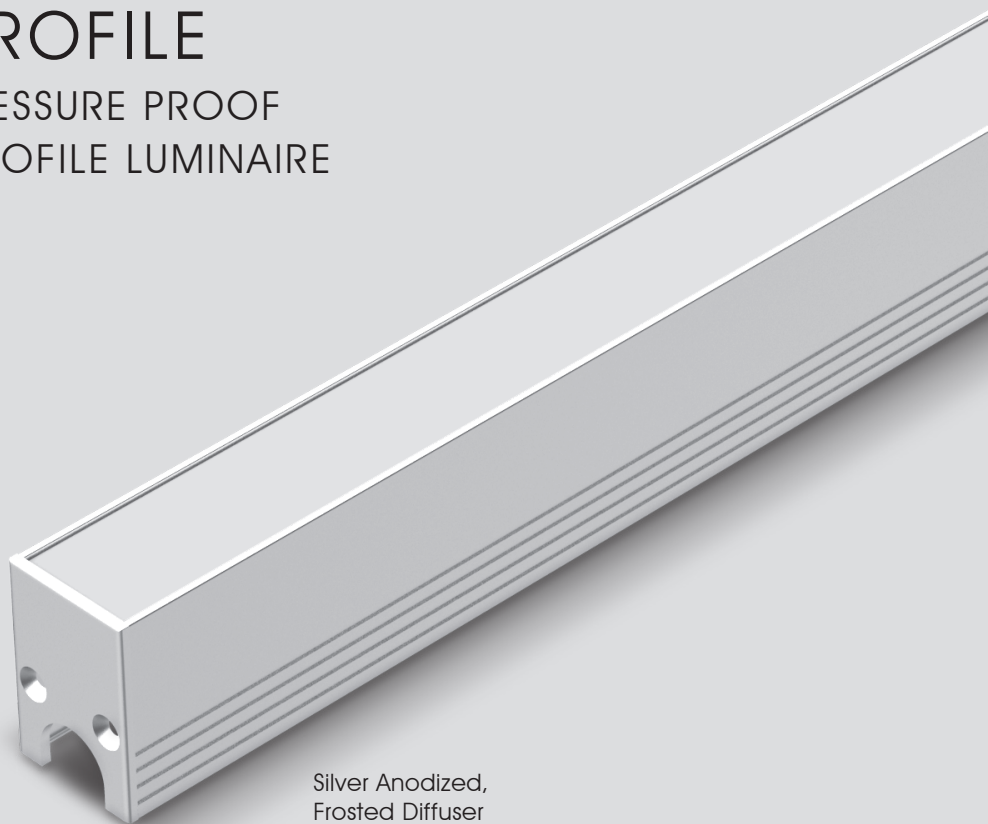




WP20S PROFILE

WEATHER & PRESSURE PROOF
FLAT LINEAR PROFILE LUMINAIRE



Silver Anodized,
Frosted Diffuser

PROFILE FINISHING

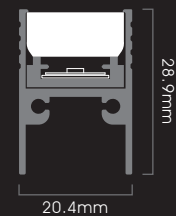
Silver Anodized



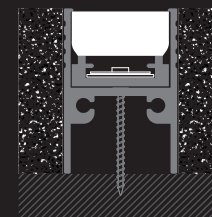
DIFFUSER

Frosted

DIMENSION



INSTALLATION



Beam Angle: 115°



- Profile Type : 20.4mm width aluminium linear profile
- Profile Finishing : Silver Anodised
- Diffuser : Frosted
- Light Uniformity : Dot-less
- Mounting : Surface, 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

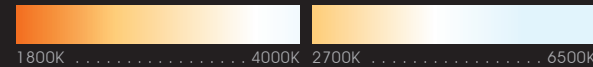
- IP Rating : IP67
- IK Rating : IK10
- Profile LOR : 50% (Frosted diffuser)

☐ CCT OPTIONS

Single CCT



Tunable-White



Dim-to-Warm



RGB

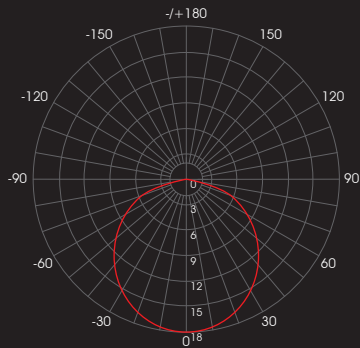


RGBW



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									
WP20S	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						
			*by every 50mm									30	3000K					
													35	3500K				
														40	4000K			
															50	5000K		
																57	5700K	
																	65	6500K
																		FM8 TW/WD
	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: WP20S-SL-F-963-5-30-SR-IP67

WP20S Profile, Silver, Frosted Diffuser, 963mm, with FM6 - 5W/m, 3000K, Single Wire End at Rear Exit, IP67, Including 2 x End Cap