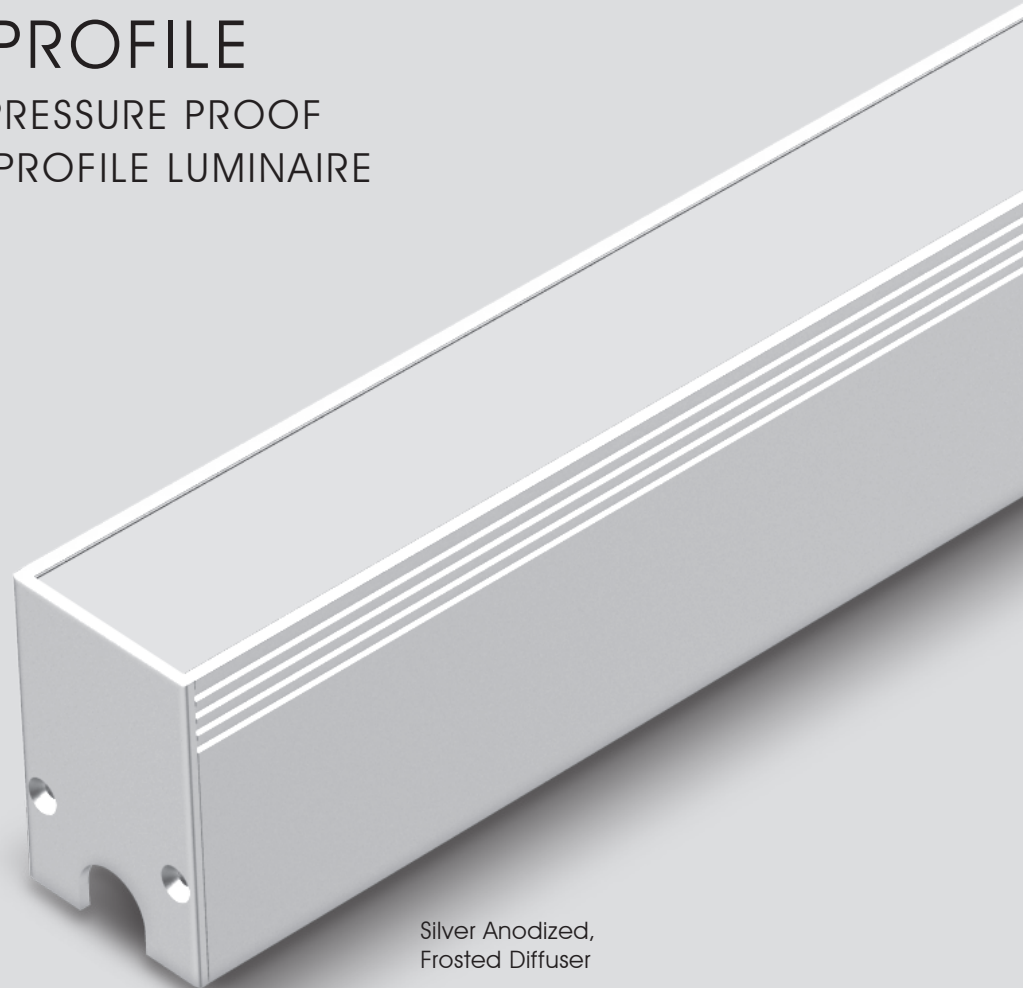




WP30S PROFILE

WEATHER & PRESSURE PROOF
FLAT LINEAR PROFILE LUMINAIRE



Silver Anodized,
Frosted Diffuser

PROFILE FINISHING

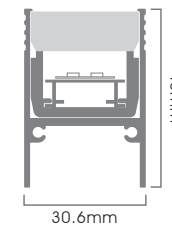
Silver Anodized



DIFFUSER

Frosted

DIMENSION



INSTALLATION

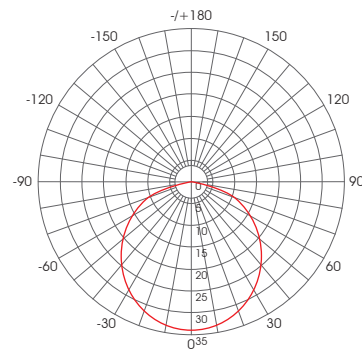


Beam Angle: 115°



☐ PHOTOMETRICS

- With FM6 20W/m 3000K (113mm, frosted diffuser)



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

- Profile Type : 30.6mm width aluminium linear profile
- Profile Finishing : Silver Anodised
- Diffuser : Frosted
- Light Uniformity : Dot-less
- Mounting : Surface, or embedded
- Compatible LED Module : FM6, FM8 TW, FM10 WD, FM10 RGB, FM12 RGBW
- CRI : $R_a > 90$, $R_9 > 50$
- SDCM : 3 step MacAdam ellipse binning
- Lifetime : Up to 50,000 hours L80 lamp life at $T_a = 25^\circ\text{C}$
- Voltage : 24V DC
- Maximum Power : 20W/m
- Length Options : 113mm to 1963mm by increment of 50mm
- Operating Temperature : T_a (min) = -20°C , T_a (max) = $+50^\circ\text{C}$
- Wire Connection : Supplied with insulated IP67 wires and connector at 200mm length
- IP Rating : IP67
- IK Rating : IK10
- Profile LOR : 47% (Frosted diffuser)

☐ CCT OPTIONS

Single CCT



Tunable-White



Dim-to-Warm



RGB



RGBW



▣ SPECIFICATIONS

■ With FM6 Module

CCT	Diffuser Type	Efficacy (lm/W)	Luminous Flux per meter (lm/m)			
			5W/m	10W/m	15W/m	20W/m
2200K 2500K	Frosted (Dot-less)	43.3	217	433	650	867
2700K 3000K 3500K	Frosted (Dot-less)	49.8	249	498	747	996
4000K 5000K 5700K 6500K	Frosted (Dot-less)	52.3	261	523	784	1046

■ With FM10 RGB Module

CCT	Diffuser Type	Efficacy (lm/W)	Luminous Flux per meter (lm/m)			RGB Wavelength (nm)
			10W/m	15W/m	20W/m	
Red	Frosted (Dot-less)	14.2	36 (@2.50W)	53 (@3.75W)	71 (@5.00W)	617 - 627
Green	Frosted (Dot-less)	27.4	103 (@3.75W)	154 (@5.63W)	205 (@7.50W)	515 - 525
Blue	Frosted (Dot-less)	5.7	21 (@3.75W)	32 (@5.63W)	43 (@7.50W)	464 - 474

■ With FM12 RGBW Module

CCT	Diffuser Type	Efficacy (lm/W)	Luminous Flux per meter (lm/m)			RGB Wavelength (nm) / White CCT
			10W/m	15W/m	20W/m	
Red	Frosted (Dot-less)	23.5	39 (@1.68W)	59 (@2.52W)	79 (@3.36W)	620 - 630
Green	Frosted (Dot-less)	35.7	85 (@2.38W)	128 (@3.57W)	170 (@4.76W)	515 - 525
Blue	Frosted (Dot-less)	9.5	23 (@2.38W)	34 (@3.57W)	45 (@4.76W)	460 - 470
White	Frosted (Dot-less)	55.6	198 (@3.56W)	297 (@5.34W)	396 (@7.12W)	3000K 4000K 6500K

■ With FM8 TW Module (Tunable-White 1800K - 4000K)

CCT	Diffuser Type	Efficacy (lm/W)	Luminous Flux per meter (lm/m)			
			5W/m	10W/m	15W/m	20W/m
1800K	Frosted (Dot-less)	36.4	91 (@2.5W)	182 (@5.0W)	273 (@7.5W)	364 (@10.0W)
4000K	Frosted (Dot-less)	52.3	131 (@2.5W)	261 (@5.0W)	393 (@7.5W)	523 (@10.0W)

■ With FM8 TW Module (Tunable-White 2700K - 6500K)

CCT	Diffuser Type	Efficacy (lm/W)	Luminous Flux per meter (lm/m)			
			5W/m	10W/m	15W/m	20W/m
2700K	Frosted (Dot-less)	49.8	125 (@2.5W)	249 (@5.0W)	374 (@7.5W)	498 (@10.0W)
6500K	Frosted (Dot-less)	52.3	131 (@2.5W)	261 (@5.0W)	393 (@7.5W)	523 (@10.0W)

■ With FM10 WD Module

CCT	Dimming Level	Diffuser Type	Efficacy (lm/W)	Luminous Flux per meter (lm/m)
				15W/m
1800K	7%	Frosted (Dot-less)	31.3	33
2000K	16%	Frosted (Dot-less)	35.1	84
2200K	20%	Frosted (Dot-less)	38.9	117
2500K	29%	Frosted (Dot-less)	44.6	194
2700K	38%	Frosted (Dot-less)	48.4	276
3000K	100%	Frosted (Dot-less)	54.1	812

ORDERING MATRIX

FULLY ASSEMBLED WITH FLEXIBLE LINEAR LED STRIP

Module	Finishing	Diffuser	Length	LED Module Power & CCT				Wire End & Exit Configuration	Ingress Protection
WP30S	SL Silver	F Frosted	113 113mm ↓ 1963 1963mm *by every 50mm	FM6	5 5W/m	22	2200K	SR Single Wire End, Rear Exit DR Double Wire End, Rear Exit	IP67 IP67
					10 10W/m	25	2500K		
					15 15W/m	27	2700K		
					20 20W/m	30	3000K		
						35	3500K		
						40	4000K		
						50	5000K		
						57	5700K		
						65	6500K		
				FM8 TW	5 5W/m	TW1840	Tunable-White 1800K-4000K		
					10 10W/m	TW2765	Tunable-White 2700K-6500K		
					15 15W/m				
					20 20W/m				
				FM10 WD	15 15W/m	WD1830	Dim-to-Warm 1800K-3000K		
				FM10 RGB	10 10W/m	RGB	RGB		
					15 15W/m				
					20 20W/m				
				FM12 RGBW	10 10W/m	RGBW30	RGBW(3000K)		
					15 15W/m	RGBW40	RGBW(4000K)		
					20 20W/m	RGBW65	RGBW(6500K)		

Example: WP30S-SL-F-963-5-30-SR-IP67

WP30S Profile, Silver, Frosted Diffuser, 963mm, with FM6 - 5W/m, 3000K, Single Wire End at Rear Exit, IP67, Including 2 x End Cap