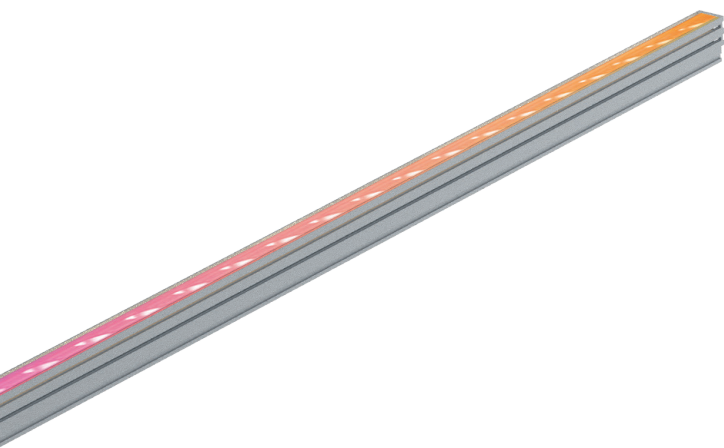




WL20G IP66 IK06

LINEAR GRAZER LUMINAIRE



Profile Type	20mm width 6063 aluminium linear profile
Profile Finishing	Powder coating
Cover	Clear
Light Uniformity	-
Mounting	Adjustable mounting bracket
Beam Angle	20° / 30° / 40° / 60° / 20° x 45° with beam angle diagrams of front and side views
Compatible LED Module	- (non modular)
CRI	High Efficiency (CRI~80)
SDCM	3 step MacAdam ellipse binning
Lifetime	Up to 50,000 hours L80 lamp life at Ta = 25°C
Voltage	24V DC
Maximum Power	15W/m
CCT Options	2700K, 3000K, 3500K, 4000K, 5000K RGBW(4000K), RGBW(6000K)
Length Options	300mm, 500mm, 1000mm
Operating Temperature	Ta (min) = -30°C, Ta (max) = +50°C
Wire Connection	Supplied with insulated IP65 wires and connector at 150mm length
IP Rating	IP66
IK Rating	IK06
Profile LOR	-

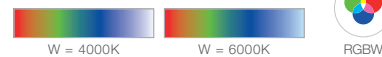
AVAILABLE OPTIONS

CCT OPTIONS

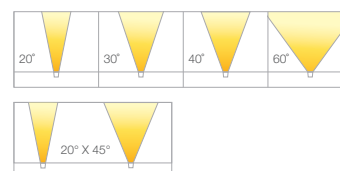
SINGLE CCT



RGBW



BEAM ANGLES





FACADE LIGHTING

PRODUCT SPECIFICATIONS

Model	WL20G LINEAR GRAZER LUMINAIRE		
Cut Length	300mm	500mm	1000mm
Light Source	White LED, RGBW		
Color Range	White 2700K, 3000K, 3500K, 4000K, 5000K, RGBW(4000K), RGBW(6000K)		
LED Quantity	12pcs	24pcs	48pcs
Luminous Flux	White 3000K: 375 lm (60°)	White 3000K: 563 lm (60°)	White 3000K: 1125 lm (60°)
Efficacy	White 3000K: 75 lm/W (full on 60°)		
Beam Angles	20° / 30° / 40° / 60° / 20° x 45°		
Lens	Glass		
Housing	Aluminium		
Housing Finish Options	Matt Grey (RAL7001), Matt Black (RAL9011)		
Adjustment Options	0 to +90°		
Mounting	Adjustable Mounting Bracket		
Dimensions (L x W x H, Mounting Bracket included)	300mm x 28mm x 68mm	500mm x 28mm x 68mm	1000mm x 28mm x 68mm
Weight	0.3kg	0.4kg	0.6kg
Regulatory Listing & Safety Approval	CE, UKCA, cETLus, FCC, ANSI C136.31-3G		
Operating Temperature	-30°C to +50°C		
Minimum Starting Temperature	-20°C		
Environment	Outdoor, IP66, IK06, Coastal Environment (ASTM B117-16)		
Humidity	85%, non-condensing		

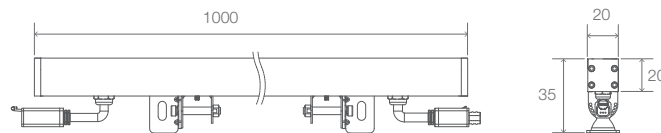
ELECTRICAL SPECIFICATIONS

Input Voltage	24V DC, 48V DC		
	15W per meter		
System Power	5W	7.5W	15W
LED Power	4W	6W	12W
	3.4W per 300mm (3.4W per foot model meets ASHRAE 90.1-2022 Zone 3 requirements)		
Lumen Maintenance	L80 50000hrs @ 25°C		

SYSTEM SPECIFICATIONS

Power Supply	CE market: LED Engine 24V ETL market: LED Engine 24V (Class 2)
Control	On / Off, DMX512

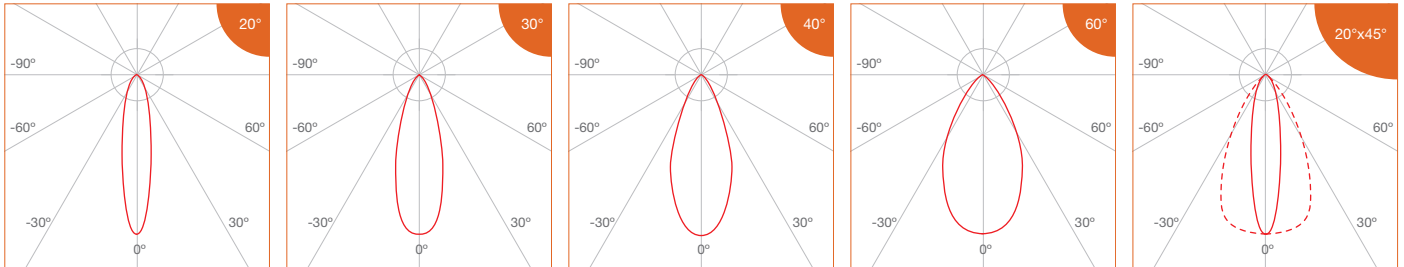
DIMENSIONS (MM)





FACADE LIGHTING

PHOTOMETRICS



SPECIFICATIONS

- Single CCT

CCT	Efficacy (lm/W)	Luminous Flux per meter (lm/m)		
		5W	7.5W	15W
2700K	75.0	375	563	1125
3000K				
3500K				
4000K	78.8	394	591	1181
5000K				

- RGBW

LED Colour	Efficacy (lm/W)	Luminous Flux per meter (lm/m)	RGB Wavelength (nm) / White CCT
		15W/m	
Red	51.1	129 (@3.02W)	620 - 630
Green		277 (@4.28W)	
Blue	20.7	74 (@4.28W)	460 - 470
White		645 (@6.41W)	



FACADE LIGHTING

ORDERING MATRIX

Profile	Input Voltage		Finishing		Cover		Beam Angle		Length		Accessories	
WL20G	24	24V DC	GR	Matt Grey	C	Clear	120	120°	300	300mm	N	None
	48	48V DC	MB	Matt Black					500	500mm		
									1000	1000mm		

LED Module Power & CCT				Ingress Protection		Control		
Single CCT	18	18W/m	27	2700K	IP66	IP66	ND	On/Off
			30	3000K			DMX	DMX512
			35	3500K				
			40	4000K				
			50	5000K				
RGBW			RGBW40	RGBW(4000K)				
			RGBW60	RGBW(6000K)				

Example:

WL20G-24-GR-C-120-1000-N-18-30-IP66-DMX

WL20G Rigid Linear Profile, 24V DC, Matt Grey, Clear cover, 120°, 1000mm, 18W/m, 3000K, IP66, DMX512