



WL28G LINEAR GRAZER LUMINAIRE



Profile Type	28mm width 6063 aluminium linear profile
Profile Finishing	Powder coating
Cover	Clear
Light Uniformity	-
Mounting	Adjustable mounting bracket
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, 48V DC
Maximum Power	15W/m
Length Options	300mm, 500mm, 1000mm
Operating Temperature	Ta (min) = -35°C, Ta (max) = +60°C
Wire Connection	Supplied with insulated IP65 wires and connector at 150mm length
IP Rating	IP66
IK Rating	IK06
Profile LOR	-

AVAILABLE OPTIONS

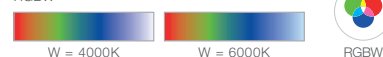
CCT OPTIONS

SINGLE CCT



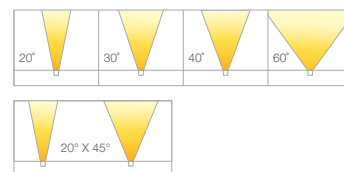
2700K 3000K 3500K 4000K 5000K HE

RGBW

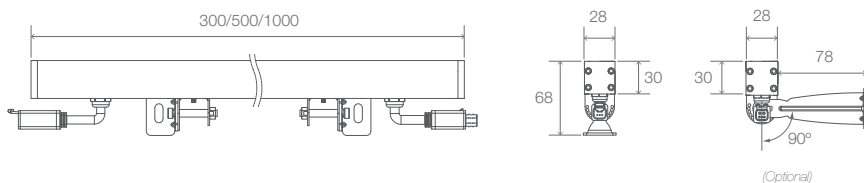


W = 4000K W = 6000K RGBW

BEAM ANGLES



DIMENSIONS (MM)





FACADE LIGHTING

PRODUCT SPECIFICATIONS

Model	WL28G LINEAR GRAZER LUMINAIRE		
Cut Length	300mm	500mm	1000mm
Light Source	White LED, RGBW		
Colour Temperatures	White 2700K, 3000K, 3500K, 4000K, 5000K, RGBW(4000K), RGBW(6000K)		
LED Quantity	12pcs	24pcs	48pcs
Luminous Flux	White 3000K: 338 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	0.4kg	0.6kg	1.1kg
Regulatory Listing & Safety Approval	CE		
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
Lumen Maintenance	L80 50000hrs @ 25°C		

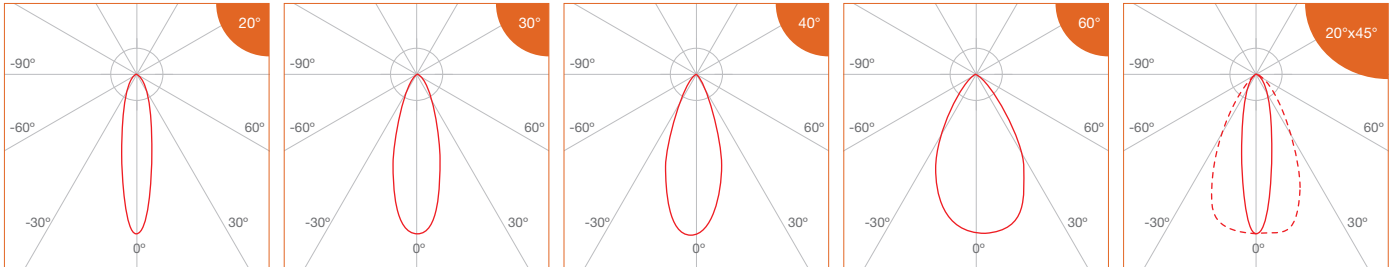
SYSTEM SPECIFICATIONS

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



FACADE LIGHTING

PHOTOMETRICS



SPECIFICATIONS

- Single CCT

CCT	Efficacy (lm/W)	Luminous Flux per meter (lm/m)
		15W/m
2700K	75.0	1125
3000K		
3500K		
4000K	78.8	1181
5000K		

- RGBW

CCT	Efficacy (lm/W)	Luminous Flux per meter (lm/m)	RGB Wavelength (nm) / White CCT
		15W/m	
Red	63.7	129 (@4.03W)	620 - 630
Green		277 (@5.71W)	
Blue	25.9	74 (@5.71W)	460 - 470
White		645 (@8.54W)	



FACADE LIGHTING

ORDERING MATRIX

Profile	Input Voltage		Finishing		Cover		Beam Angle		Length		Accessories	
	WL28G	24	24V DC	GR	Matt Grey	C	Clear	20	20°	300	300mm	N
48		48V DC	MB	Matt Black	30			30°	500	500mm	AGB	Anti-glare Baffle
					40			40°	1000	1000mm	AGL	Anti-glare Louvre
					60			60°			AGM	Micro Louvre
					20X45			20° x 45°				

LED Module Power & CCT				Ingress Protection		Control		
Single CCT	15	15W/m	27	2700K	IP66	IP66	ND	On/Off
			30	3000K			DMX	DMX512
			35	3500K				
			40	4000K				
			50	5000K				
			RGBW	RGBW40				
RGBW60	RGBW (6000K)							

Example: WL28G-24-GR-C-20-1000-AGB-15-30-IP66-DMX
 WL28 Grazer Profile, 24V DC, Matt Grey, Clear cover, 20°, 1000mm, Anti-glare Baffle, 15W/m, 3000K, IP66, DMX512



LINEAR PROFILE AND ACCESSORIES

(Ordering Matrix for Separate Orders)

• Terminal Cable

Power supply or signal for male/female terminal of lighting fixture with controller

Type	Number of Cores		Length	
WL-C	2P	2 poles (On/Off)	220	220mm
	5P	5 poles (TW/RGBW/DMX)	1000	1000mm

example: WL-C.5P.1000

• Inter-connector Cable

Used in power supply or signal jumper connection for lighting fixture

Type	Number of Cores		Length	
WL-IC	2P	2 poles (On/Off)	1000	1000mm
	5P	5 poles (TW/RGBW/DMX)		

example: WL-IC.5P.1000

• T-connection Cable

Cable used in intermediate power supply for lighting fixture with controller

Type	Number of Cores		Length	
WL-TC	2P	2 poles (On/Off)	300	300mm
	5P	5 poles (TW/RGBW/DMX)	600	600mm

example: WL-TC.5P.600

• Termination End Cap

Cable used in intermediate power supply for lighting fixture with controller

Type	Number of Cores	
WL-EC	2P	2 poles (On/Off)
	5P	5 poles (TW/RGBW/DMX)

example: WL-EC.5P