

Protagon Series of wall washers is the highest in performance of all wall washers offered. It is designed to highlight buildings with grand presence that stand out from their surroundings.

- **Unit pitch:** 6 cm. Pitch is maintained between luminaires.
- **Control:** DMX-512. Galvanic isolated.
- **DMX Resolution:** Normal (8bit), High (16bit).
- **Dimming Steps:** 65535 steps, for very smooth dimming.
- **DMX Channels:** User selectable from 2 channels (for all groups) up to 5 channels /per group.
- **Dimming Curves:** Linear, Logarithmic, Square.
- **Gamma correction:** Yes. From 2,5 to 1/2,5 in steps of 0,1.
- **Anti-glare:** Optional Anti-glare accessory.
- **Setup:** From external Setup Programmer.
- **Over temperature protection:** The wattage of the LED is automatically readjusted in case the temperature exceeds safety levels.
- **Ingress Protection:** IP66
- **Connectors:** Input, Output connectors for power supply and DMX signal.
- **Power Factor:** >0,98
- **Operation Ambient temperature:** -25°C / +50°C.
- **Power Supply:** 90-277VAC 50-60Hz
- **Weight 60/90/120/150cm:** 6,41 / 10,44 / 11,80 / 15,14kgs
- **IK Rate:** IK04

**No. of LEDs per 60cm:**

- 10x4 LEDs (4in1) for Monochromatic and Tunable White models.
- 10 multi colour LEDs (4in1) for RGBW models.

**L90/B10 50000h RGBW**

Monochromatic:

**L90/B10 50000h** Red, Green, Blue

**L70/B10 50000h** Amber

**L70/B10 36000h** White



## Marine Type

PROTAGON is also available in Marine type with the following characteristics:

**Powder Coating:**

- ✓ Ultra-durable powder coating that meets the requirements of GSB Master, Qualicoat Class2, EN12206 (formerly BS6496), En13438 (formerly BS6497:1984) and AAMA 2604.

**Exterior Durability:**

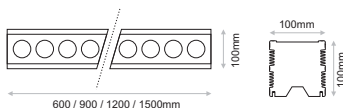
- ✓ Meets qualicoat class 2 requirements after 3 years Florida
- ✓ Meets AAMA 2604-13 requirements after 5 years Florida

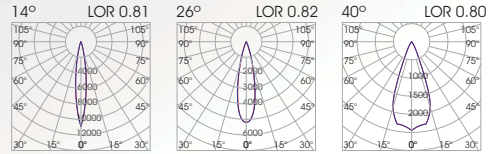
**High Resistance to:**

- ✓ Weather, ✓ UV, ✓ Water and mould growth



WEATHER RESISTANT





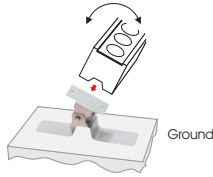
Model	Luminaire Colour**	CCT - CRI	110W		165W		220W		275W		Beam Angle	Watt / Length
			LED Source	LED Source	LED Source	LED Source	LED Source	LED Source				
PROTAGON (PROTAGON)	Grey (GR) Marine Type (MT)	2700K - 80CRI [2780]	8120lm	12180lm	16240lm	20300lm	14° (14)	110W / 60cm (110W060)				
		2700K - 90CRI [2790]	6120lm	9180lm	12240lm	15300lm	26° (26)	165W / 90cm (165W090)				
	3000K - 80CRI [3080]	8680lm	13020lm	17360lm	21700lm	40° (40)	220W / 120cm (220W120)					
	3000K - 90CRI [3090]	6640lm	9960lm	13280lm	16600lm		275W / 150cm (275W150)					
	4000K - 80CRI [4080]	8680lm	13020lm	17360lm	21700lm							
	6500K - 70CRI [6570]	9880lm	14820lm	19760lm	24700lm							
	Red [RD]	6360lm	9540lm	12720lm	15900lm							
	Green [GR]	10860lm	16280lm	21710lm	27140lm							
	Blue [BL]	3250lm	4880lm	6504lm	8130lm							
	Amber [AM]	6360lm	9540lm	12720lm	15900lm							
	Tunable WC 4in1 [WC4*]	8990lm	13480lm	17970lm	22460lm							
	RGBW [RGBW]	4200lm	6300lm	8400lm	10500lm							

\*WC4: Tunable 2700K-6500K 4in1  
 \*\* Available in RAL colours upon request.

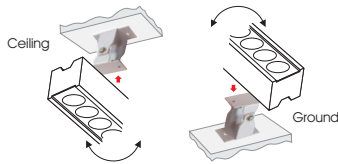
Ordering Code Example: PROTAGON-GR-3080-14-165W090



1. Movable Ground Bracket



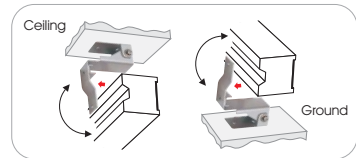
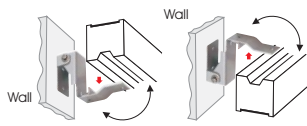
2. Fixed Ceiling or Ground Bracket



3. Fixed 10cm Wall Bracket Type A & Type B



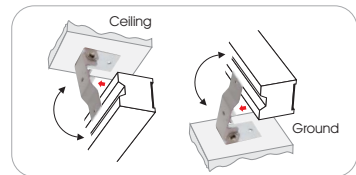
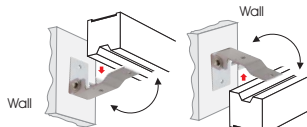
Type A



**Note:**  
Can be used for permanent installation in ceiling or ground

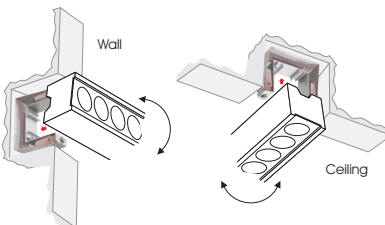


Type B

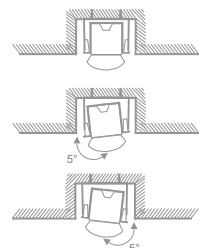


**Note:**  
Can be used for permanent installation in ceiling or ground

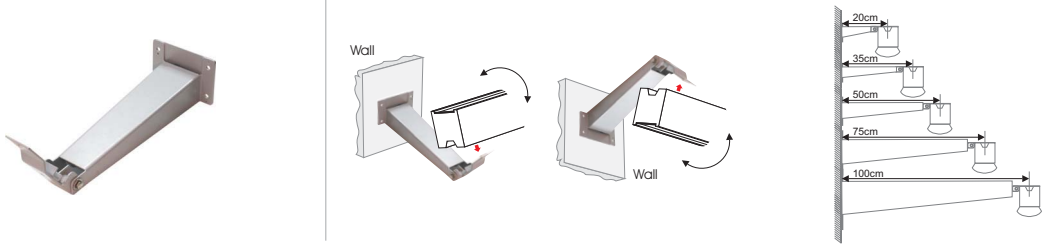
4. Recessed Bracket  $\pm 5^\circ$



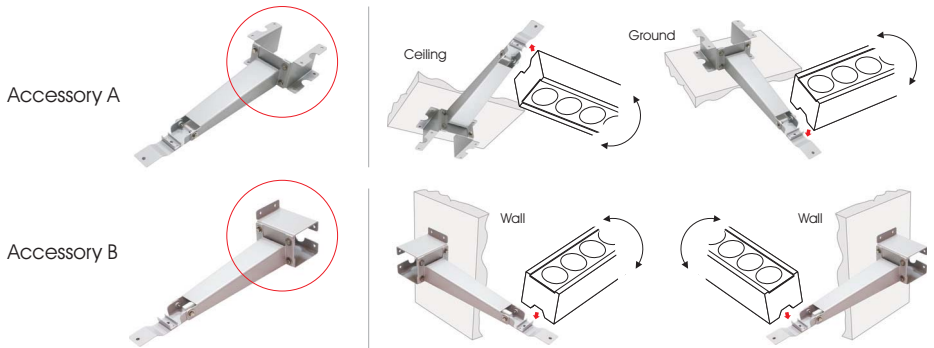
**Note:** Not for Inground Installation



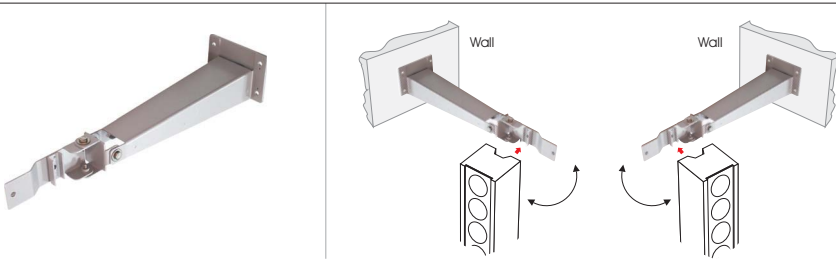
5. Fixed 20 ,35 ,50 ,75 ,100cm Wall Bracket



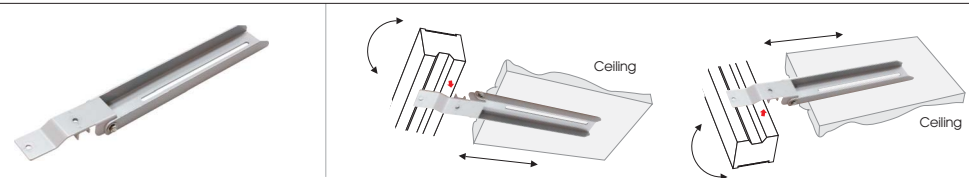
Accessories for other ways of installing 35 ,50 ,75 ,100cm Wall Bracket



6. Adaptor for Vertical Wall Installation



7. Slide Bracket



8. Antiglare Accessory



9. DMX SET UP Programmer

