



# TRAXON

## Washer Go Micro RGBW



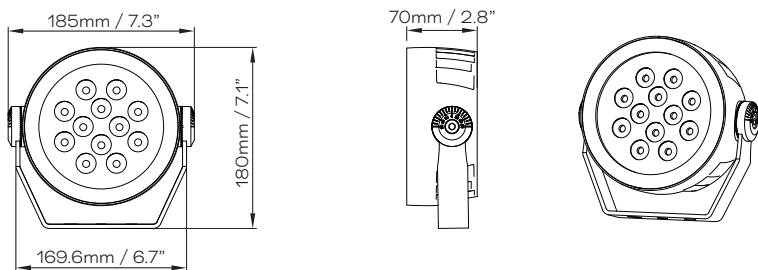
The Traxon Washer Go Micro is a DC line powered exterior luminaire used to distinguish facades, walls, and architectural landmarks with a powerful, even color wash effect. Washer Go's high-value design features efficient electrical and optical systems, making it ideal for budget-conscious projects. This product is intended for use in high-quality colored light applications.

### Features

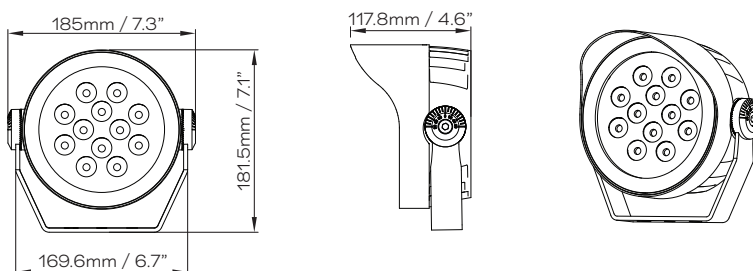
- DMX control
- Easy installation and maintenance

### Dimensions

#### Without Glare Shield



#### With Glare Shield



# TRAXON Go<sup>+</sup>

Project: \_\_\_\_\_

Type: \_\_\_\_\_



IP66



COAST



DMX 512



ANSI 3G



IK07

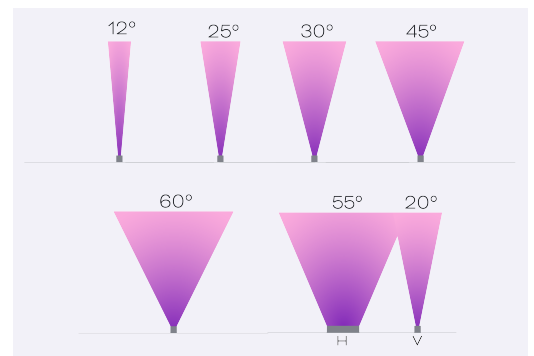
### Technologies

- Manual-Addressing with TX Addresser

### Color Options



### Beam Angle



### Finish



Traxon Signature Gray: RAL7005

### Product Specifications

Model	Washer Go Micro RGBW
Light Source	RGBW: 12pcs LED (3R + 3G + 3B + 3W)
Color Range	RGBW (W=4000K)
LED Quantity	RGBW: 12pcs LED
Luminous Flux	1429 lm (full on 12°)
Candela	20153 cd (full on 12°)
Efficacy	56 lm/W (full on 12°)
CRI	≥ 80
SDCM	≤5 step
Beam Angles	12°, 25°, 30°, 45°, 60°, 55x20°
Cover Lens	Tempered Glass
Housing	Die Cast Aluminum
Housing Finish Options	Traxon Signature Gray (RAL7005)
Adjustment Options	-90° to +90°
Mounting	Yoke Mount
Dimensions (W x D x H)	Without Glare Shield: 185mm / 7.3" x 70mm / 2.8" x 180mm / 7.1" With Glare Shield: 185mm / 7.3" x 118mm / 4.6" x 181.5mm / 7.1"
Weight	2.0kg / 4.4lbs (without Glare Shield) 2.2kg / 4.9lbs (with Glare Shield)
EPA	Front: 21838mm <sup>2</sup> / 0.24ft <sup>2</sup> (without Glare Shield) 22440mm <sup>2</sup> / 0.24ft <sup>2</sup> (with Glare Shield) Side: 12010mm <sup>2</sup> / 0.13ft <sup>2</sup> (without Glare Shield) 18092mm <sup>2</sup> / 0.19ft <sup>2</sup> (with Glare Shield)
Regulatory Listing & Safety Approval	CE, UKCA, cETLus, FCC, ANSI C136.31-3G
Operating Temperature	-30°C to +50°C (-22°F to +122°F)
Minimum Starting Temperature	-20°C (-4°F)
Storage Temperature	-40°C to +80°C (-40°F to +176°F)
Environment	Outdoor, IP66, IK07, Coastal Environment (ASTM B117-16)
Humidity	85%, non-condensing

### Electrical Specifications

Input Voltage	24V DC
Power Consumption	25W
Lumen Maintenance	L70 50000hrs @ 25°C

### System Specifications

Power Supply	CE market: LED Engine 24V ETL market: LED Engine 24V (Class 2)
Control	DMX 512
Addressing Options	Manual-Addressing with TX Addresser
Chipset	MR DMX05
Maximum number of daisy chain fixture per input power line	5 pcs for 24VDC (CE) 3 pcs for 24VDC (US Class 2 PSU)

**LED CHARACTERISTICS** Because LEDs are semiconductor devices, their performances are subject to inherent variability commonly found in semiconductor industry. To improve consistency in performance across the same product, LED manufacturers "sort" LEDs into bins according to different preset parameters, such as forward driving voltage, illumination, etc. Whereas binning is a sorting function, it is not a correction process. Inherent variability in the manufacturing process results always in different binning distributions according to different production lots. Traxon uses automatically binned LEDs on its products, thereby minimizing output variations within the model range.

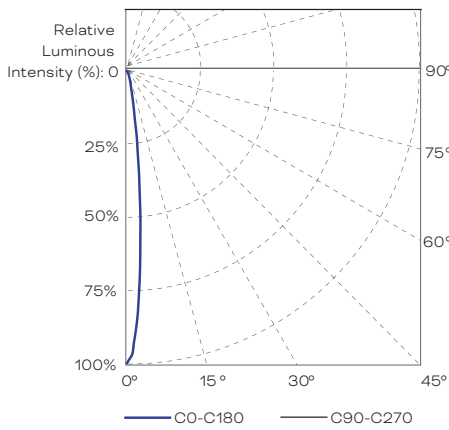
As with all electronic devices, LED output degrades over time - a term called lumen depreciation. This also explains why it is nearly impossible to expect photometric performances of two LED products with different service life spans to be the same. The rate of LED degrade is a complex function of many factors such as operating efficiency, duration of continuous operation, and more significantly, environmental conditions (ambient temperature for example). If allowed working under optimal operating temperature range and with good ventilation, LED devices enjoy long service lives over conventional light sources. When using/installing LED devices, care should be taken to ensure that the devices will operate within the operating conditions specified in respective product literature.

This product contains a light source of energy efficiency class G to Regulation (EU) No 2019/2015. Lumen measurement complies with LM-79-08 standard. Lumen maintenance is calculated based on LM-80 compliant measurement.

### Source Specifications

Source	RGBW: 12pcs LED (3R + 3G + 3B + 3W)
Optics	12°

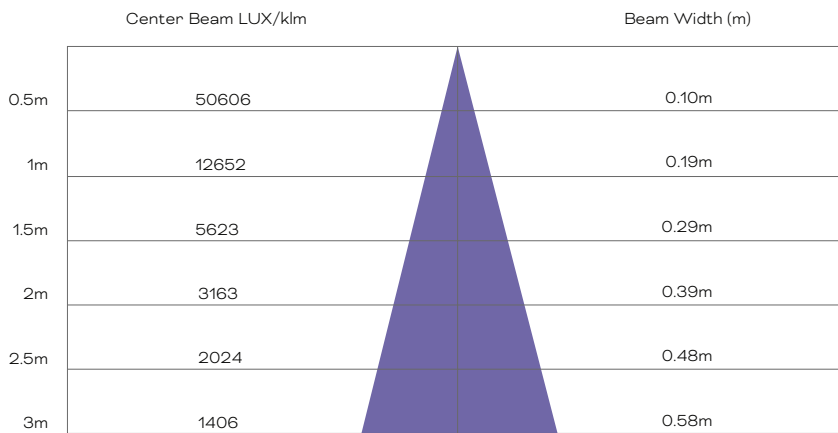
### Candela Distribution



### Light Output

Color	Luminous Flux (lm)	Center Intensity (cd)	Efficacy (lm/W)
RGBW (full-on)	1429	20153	56
RGB	848	11959	54
Red	311	4386	54
Green	428	6036	66
Blue	127	1791	18
White	556	7841	79

### Illuminance at a Distance



● Horiz.Spread: 11.0°

For fc divide by 10.7

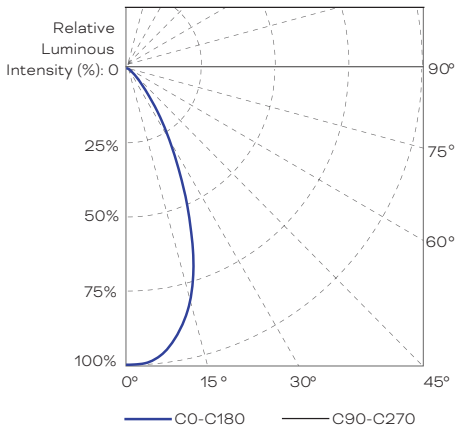
For feet multiply by 3.28

IES and LDT files are available for download from the Traxon website.

### Source Specifications

Source	RGBW: 12pcs LED (3R + 3G + 3B + 3W)
Optics	60°

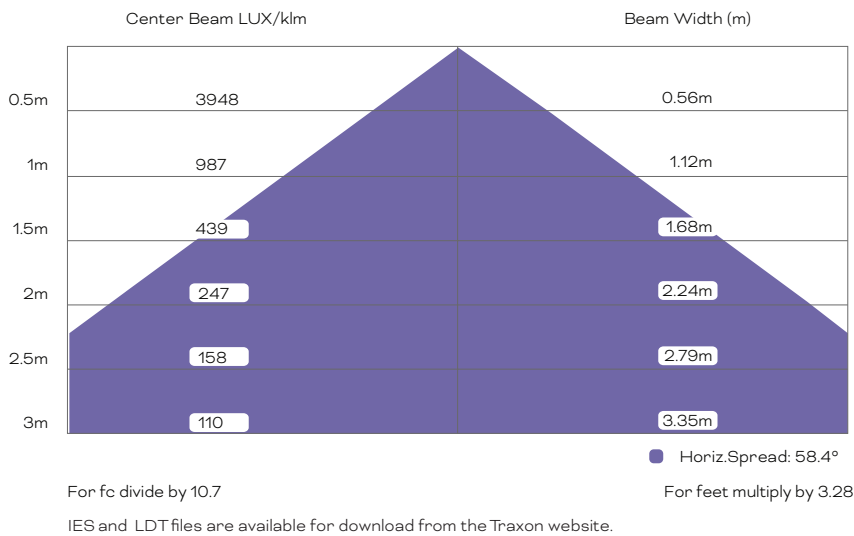
### Candela Distribution



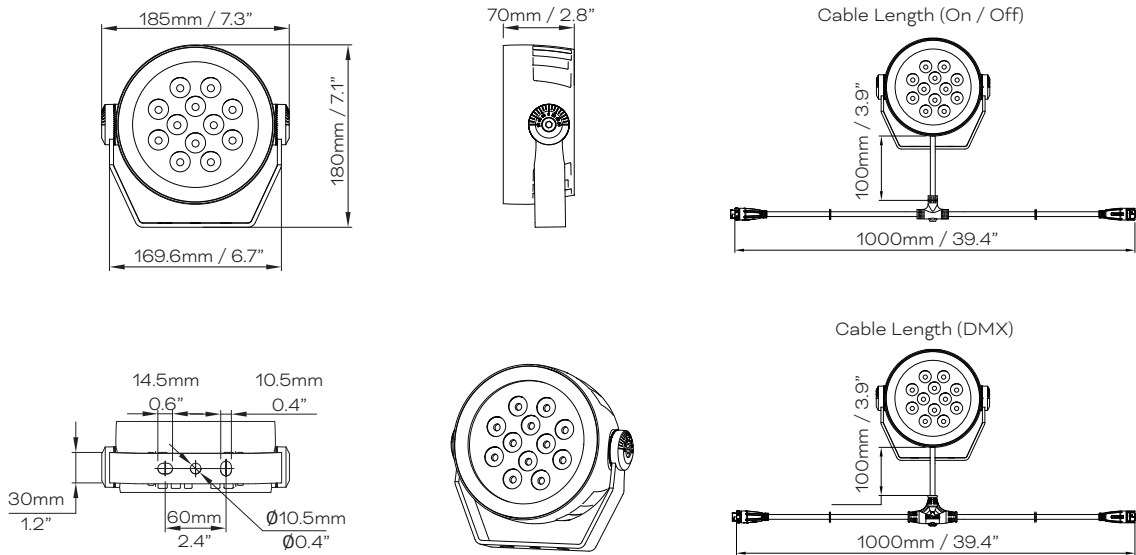
### Light Output

Color	Luminous Flux (lm)	Center Intensity (cd)	Efficacy (lm/W)
RGBW (full-on)	1215	1240	48
RGB	721	736	46
Red	264	270	46
Green	364	371	56
Blue	108	110	16
White	473	482	67

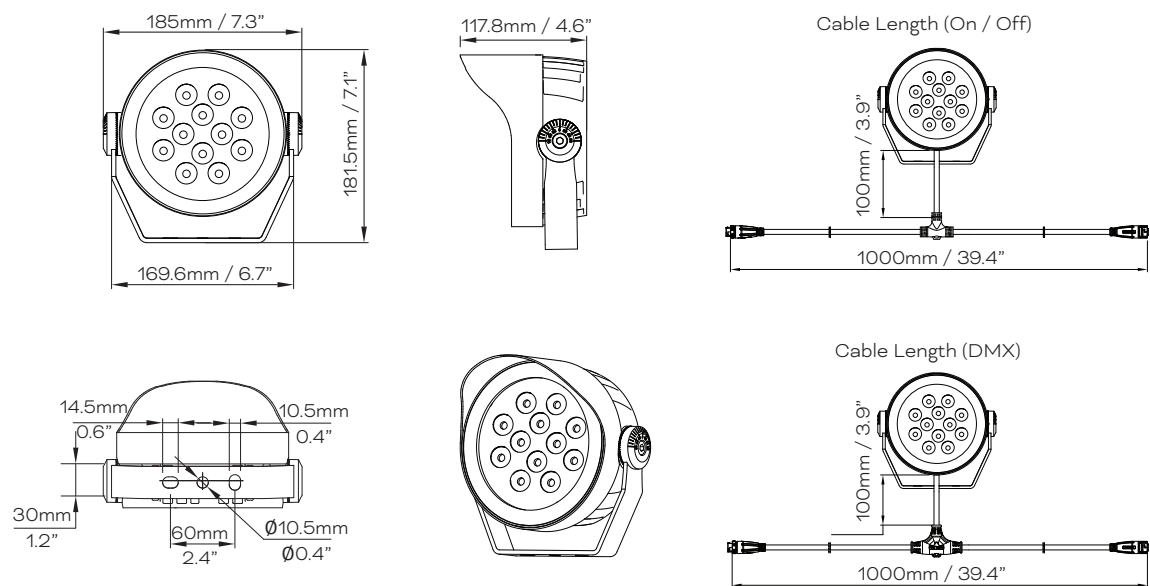
### Illuminance at a Distance



#### Fixture Dimensions (Without Glare Shield)

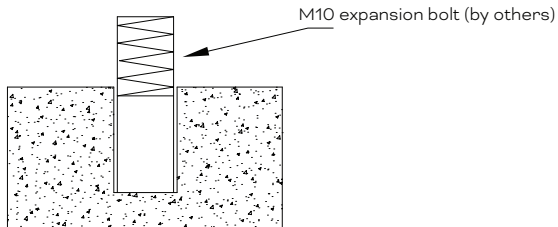


#### Fixture Dimensions (With Glare Shield)

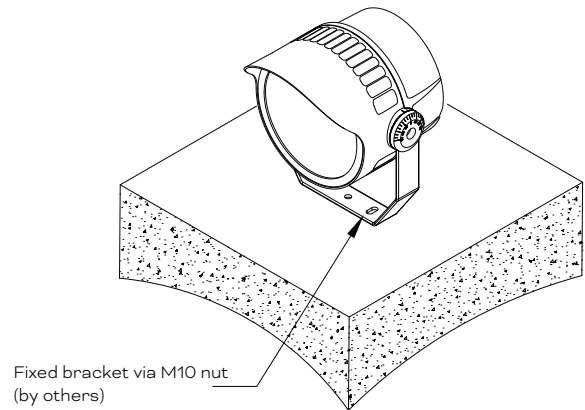


### Bracket Mounting

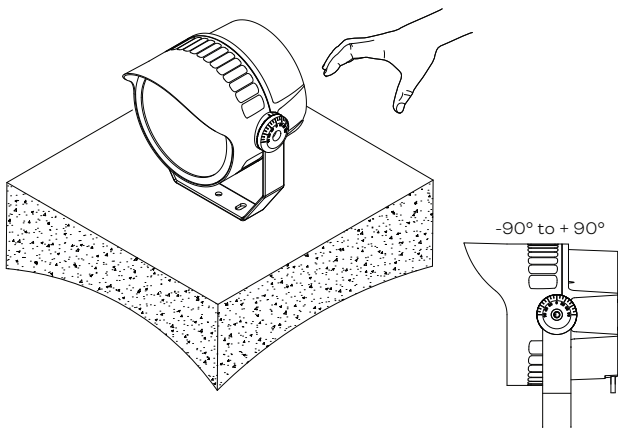
#### Install expansion screws on the fixed surface



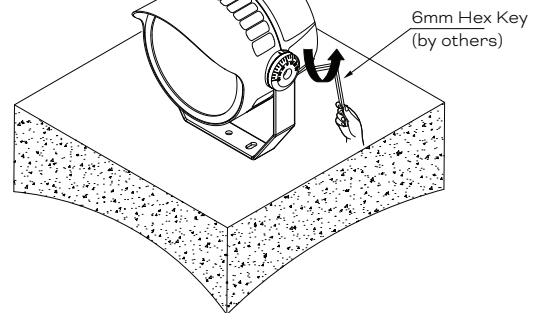
#### Fix the bracket



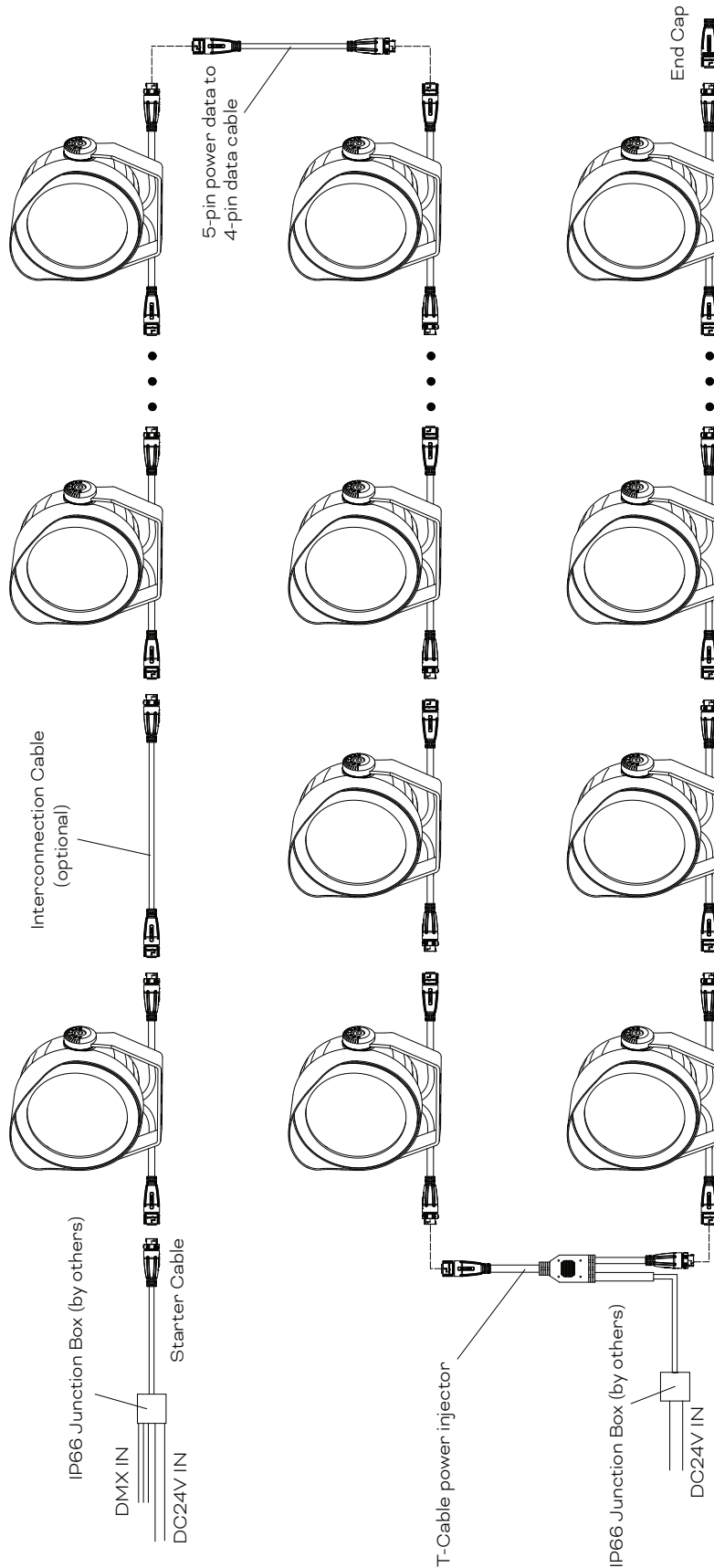
#### Adjust desired angles



#### Tighten the bracket bolts to fix the luminaire to the desired angle



**!** A safety wire must be installed to provide secondary protection to prevent fixtures from falling and injuring people (by others).



- Data cabling from DMX source to Starter cable shall be Cat5e UTP or other cable type suitable for DMX communication.
- Maximum number of 25W fixture per input power line: 5 pcs for 24VDC (CE); 3 pcs for 24VDC (US Class 2 PSU).

	For controlling the fixtures	For addressing the fixtures
Maximum distance from Control/Addressing source to the first fixture	80m / 262'	80m / 262'
Maximum distance between fixture to fixture	30m / 98'	12m / 39'
Maximum distance from Control source to last fixture on a single DMX512 link	200m / 656'	200m / 656'
Maximum number of fixture on a single DMX512 link	40pcs	40pcs

Maximum number of fixtures is based on minimal interconnection lengths fixture to fixture. Actual number of fixtures is dependent on cable interconnection lengths. The number of fixtures will reduce if longer cable lengths are used. Please consult regional sales office to confirm maximums.

Function	Size	Color	Connection
DC24V-	1.0mm <sup>2</sup>	White	DC24V- & GND
DC24V+	1.0mm <sup>2</sup>	Black	DC24V+
DMX+	0.5mm <sup>2</sup>	Brown	DMX+
DMX-	0.5mm <sup>2</sup>	Blue	DMX-
Address	0.5mm <sup>2</sup>	Green	Do not connect

