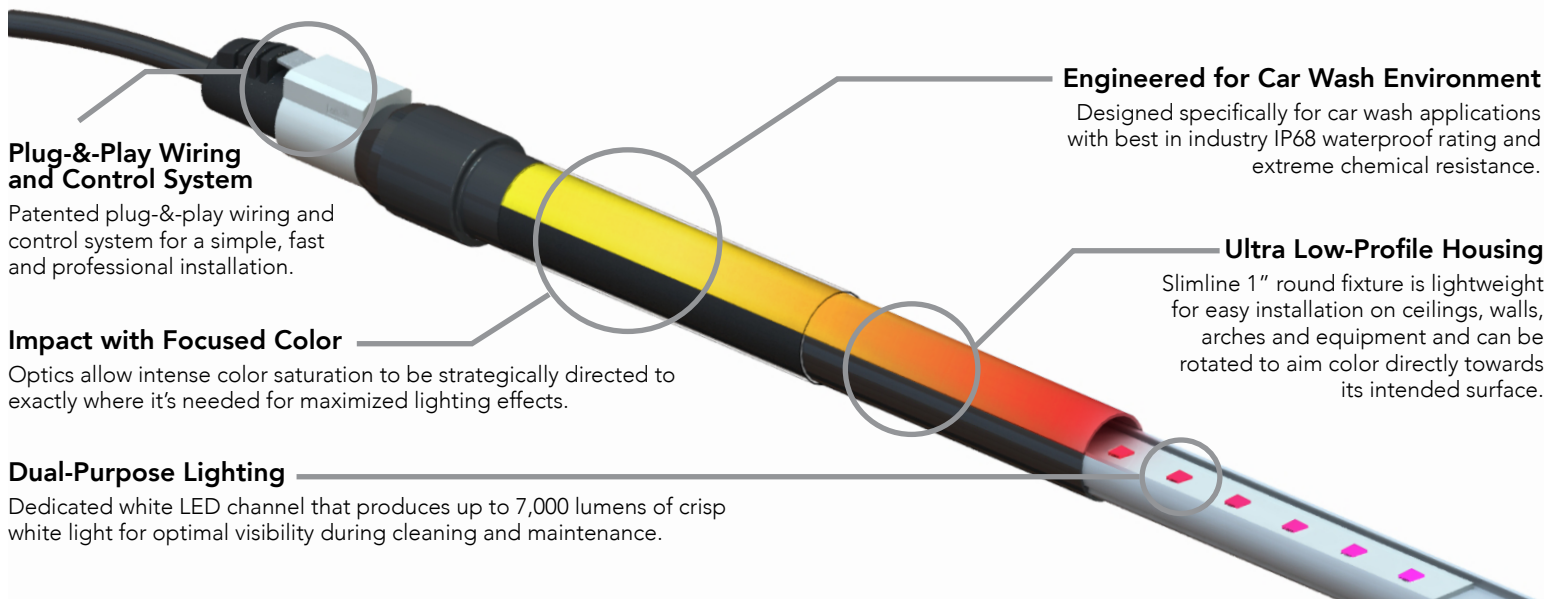




Proudly made
in America

RGB & RGBW Color Changing Mood Lighting For Car Washes



PERFORMANCE SUMMARY

Power: 67W per Channel (200W equivalent for RGB; 267W equivalent for RGBW)

Delivered Light Output: Up to 7,000 lumens (white)

CCT: RGB or RGBW (White, 5000K)

Lifetime: 100,000 Hours at 25°C

Warranty: 3 Years

Mounting: Ceiling, wall or arch

Lens: Clear or diffused

Protection Class: IP68

Temperature Rating: Operable in temperatures -40°C to 40°C

FIXTURE SPECIFICATIONS

Construction & Materials

- Proudly engineered and manufactured in America
- Waterproof push-and-click connectors
- Patented coextruded copolyester and aluminum housing
 - Seamless polymeric outer shell
 - Integrated aluminum heat spreader

Regulatory Qualifications

- cULus Listed
- UL Listed for Wet Locations
- IP68 Certified
- IK10 Impact Certified
- NEMA 4X Rated

ORDERING INFORMATION

ColorWash® Nano provides the ideal package type for each application's needs. The following ordering nomenclature is dependent upon whether operators require a top-only arch light, an immersive arch lighting kit, or wall/ceiling mounted mood lighting.

TOP ARCH LIGHT

This RGB option is for top-only, or as the top light portion of an immersive arch kit (comprised of (1) 6' top light, and (2) side lights).

Product	Length	Color	Optics
NANO	6 6-Foot	RGB No white channel	NRW (narrow) Added narrow optics 20° beam angle

SIDE ARCH LIGHT

This RGB option is for the side lighting of an immersive arch kit (comprised of (1) 6' top light, and (2) side lights).

Product	Length	Color	Optics
NANO	4 4-Foot 6 6-Foot	RGB No white channel	DIR (direct) Diffused lens 120° beam angle

MOOD LIGHTING

This RGBW option is for ceiling or wall mounted mood lighting.

Product	Length	Color	Optics
NANO	4 4-Foot 8 8-Foot	RGBW Dedicated White channel	MED (medium) Added medium optics 45° beam angle

FIXTURE DIMENSIONS

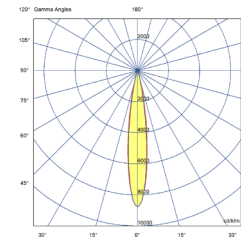
NANO Model	Length	Width	Height	Weight	Pixel Count
NANO4-RGBW-DIR	4'	1.25"	1.75"	1.2 lb	2
NANO4-RGBW-MED	4'	1.25"	1.75"	1.2 lb	1
NANO6-RGB-DIR	6'	1.25"	1.75"	1.7 lb	3
NANO6-RGB-NRW	6'	1.25"	1.75"	1.7 lb	4
NANO8-RGBW-MED	8'	1.25"	1.75"	2.2 lb	2

LUMEN & POWER DATA

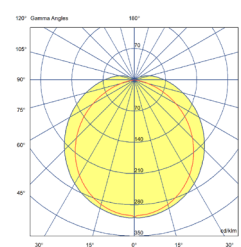
	NANO4-RGBW-DIR		NANO4-RGBW-MED		NANO6-RGB-DIR		NANO6-RGB-NRW		NANO8-RGBW-MED	
	Lumens	Watts	Lumens	Watts	Lumens	Watts	Lumens	Watts	Lumens	Watts
Red	575	17	1000	29	900	26	2000	66	2000	58
Green	1050	17	1850	29	1650	26	2900	66	3700	58
Blue	275	17	650	29	425	26	1300	66	1300	58
White	-	-	3500	29	-	-	-	-	7000	58

PHOTOMETRY

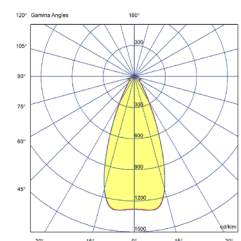
Narrow Optic



Direct / Diffused



Medium Optic



NANO Series

Fixture photometry has been conducted by a NVLAP accredited testing laboratory in accordance with IESNA LM-79-08. IESNA LM-79-08 specifies the entire luminaire as the source resulting in a fixture efficiency of 100%.

MOUNTING

G&G will provide the appropriate type (indoor vs. outdoor) and quantity of non-metallic quick latch clip depending on each fixture ordered (two clips per 2' and 4' fixtures, or three clips per 6' and 8' fixtures).

Part Number	Description
MNT-G1-NM-2015	(1) Non-Metallic Quick Latch Mounting Clip

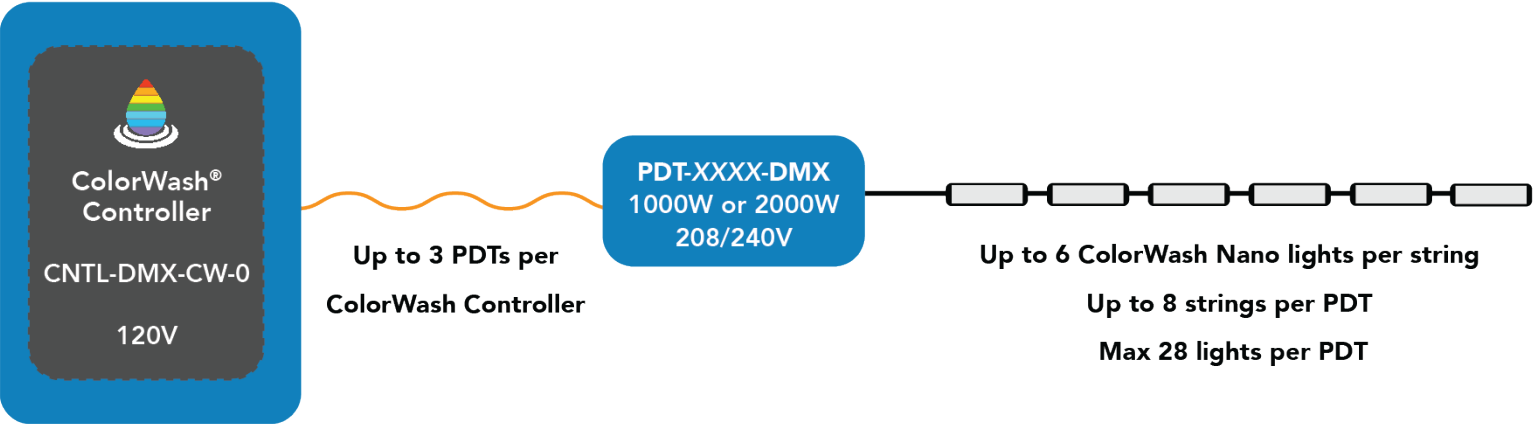
CABLING

NANO utilizes a hybrid wiring system of 2x 16ga PVC insulated power conductors and 2x 24 AWG data conductors (twisted pair with shield).

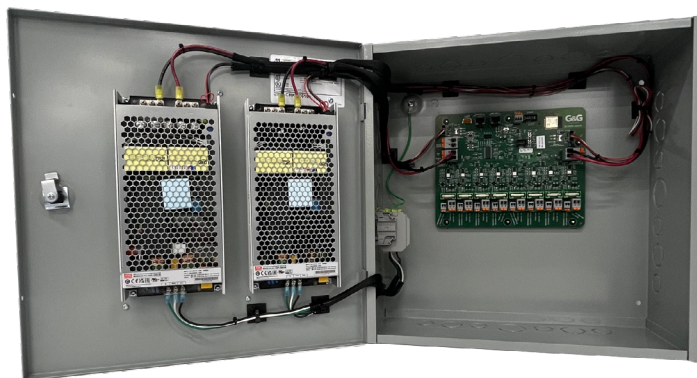
Cable	Type	End-to-end Length	Fixture-to-fixture Length	Inside Cable Length
NANO-JMP-1	Jumper	18"	16"	13.5"
NANO-JMP-5	Jumper	66.5"	64.5"	62.5"
NANO-LDR-100	Leader Cable	100'	-	-
NANO-CAP	Cap	-	-	-

SYSTEM ARCHITECTURE

NANO utilizes a DMX control system consisting of our ColorWash® controller and Power / Data Translators (PDT).



Power/Data Translator (PDT)



PDT PERFORMANCE SUMMARY

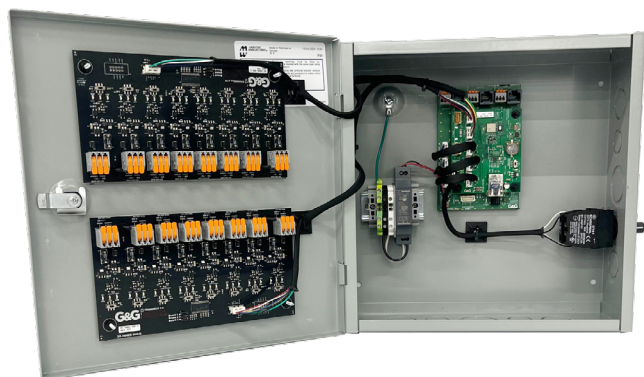
Run Lengths: Daisy-chaining up to 54' runs
Lifetime: 100,000 hours
Warranty: 3 Years
Mounting: Wall
Protection Class: NEMA Type 1
Temperature Rating: Operable in temperatures -40°C to 40°C
Input Voltage: Accepts 120V-240V
Output Voltage: 48VDC
Regulatory Qualifications: cULus Listed
Dimensions: 16.38"W x 16"H x 6"D; Weight Varies

ORDERING INFORMATION

Product	Wattage
PDT	1000-DMX 1000W; Single Driver 208V-240V Input Recommend Derated at 120V to 11 Fixtures Up to 8 leaders; 14 Lights 2000-DMX 2000W; Double Driver 208V-240V Input Recommend Derated at 120V to 22 Fixtures Up to 8 leaders; 28 Lights

**Note: Must be used in conjunction with ColorWash® Controller*

ColorWash® Nano Controller



ORDERING INFORMATION

Product	Input Triggers
CNTL-DMX-CW-0	08 Up to 8 Input Triggers 16 Up to 16 Input Triggers 24 Up to 24 Input Triggers

CONTROLLER PERFORMANCE SUMMARY

Mounting: Wall
Temperature Rating: Operable in temperatures -40°C to 40°C
Regulatory Qualifications: cULus Listed

Input Voltage: Accepts 120V-240V
Protection Class: NEMA Type 1
Dimensions: 12.38"W x 12"H x 4"D; Weight Varies