**4** Unilamp

# RGBW Lighting Control with DMX







# **DMX Overview**

# Remote DMX Decoder Integrated CV DMX Decoder **ID DMX** 24VDC CV Calculate 24VDC CV Calculate based on based on power requirement power requirement LED Constant Voltage Driver 24VDC LED Constant Voltage Driver 24VDC DMX Controller Nicolaudie SLESA-U9 DMX Controller Nicolaudie SLESA-U9 DMX Controller Nicolaudie SLESA-U9 OR OR OR DMX Controller Nicolaudie STICK-KE2 DMX Controller Nicolaudie STICK-KE2 DMX Controller Nicolaudie STICK-KE2 4CH DMX512/ RDM Decoder with 24Vdc Input and 4x500mA 4x16W Output ARC Medium **KUBIK Optic** ALPHA Round - Gear Mini QUARK VAREE 500mA or 700mA CC from DMX decoder Power 220 VAC Power 220 - 240 VAC \_\_\_\_\_ DMX Cable Power 230 VAC for LED driver

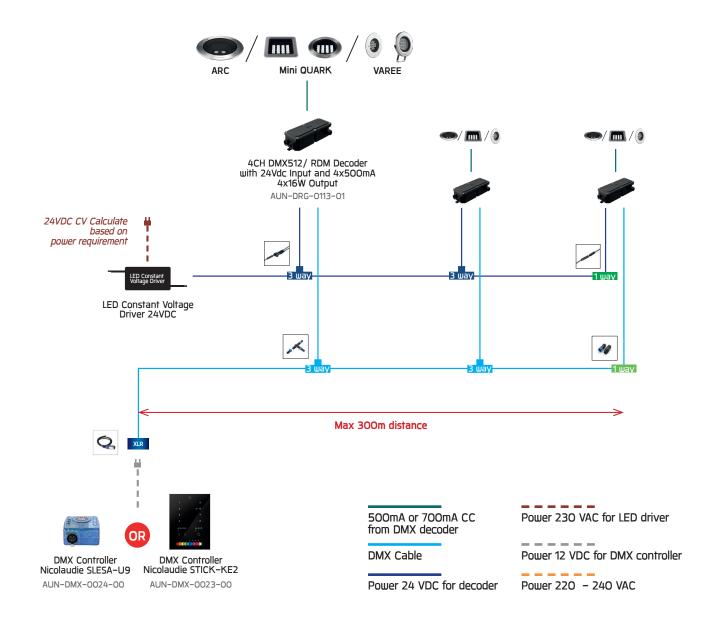
Power 12 VDC for DMX controller

Power 24 VDC for decoder

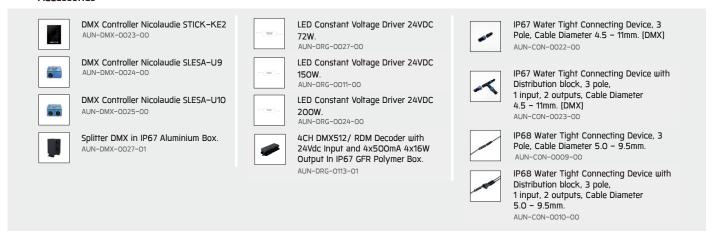
## Small scale DMX System

Up to 32 RGBW luminaires / Up to 300m distance

Applicable for RGBW luminaire with Remote DMX Decoder

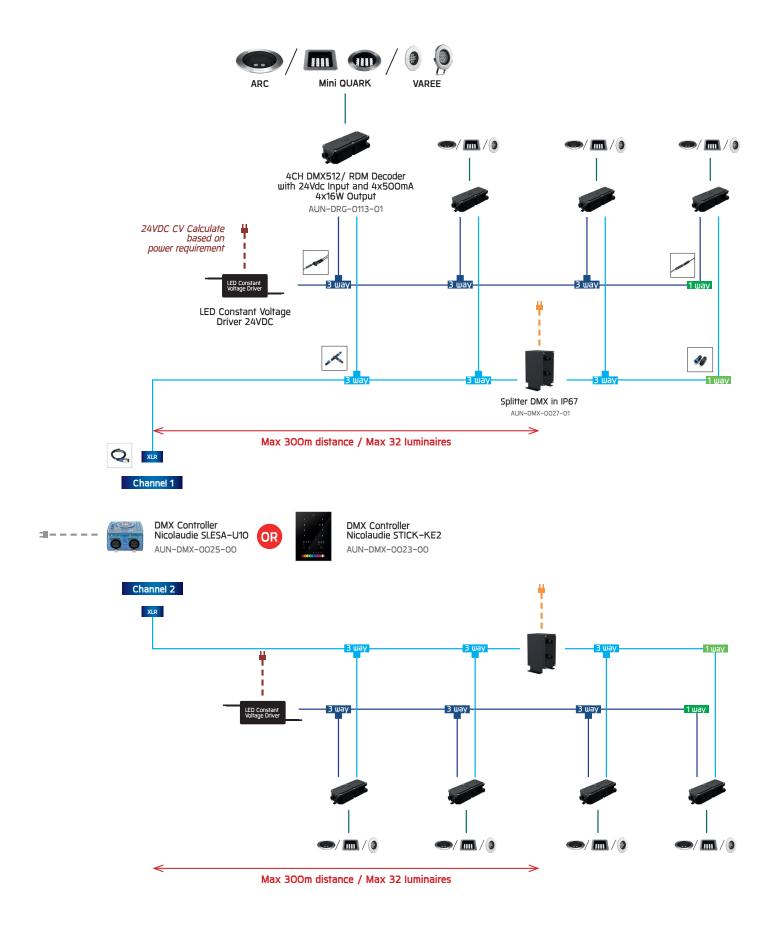


### Accessories



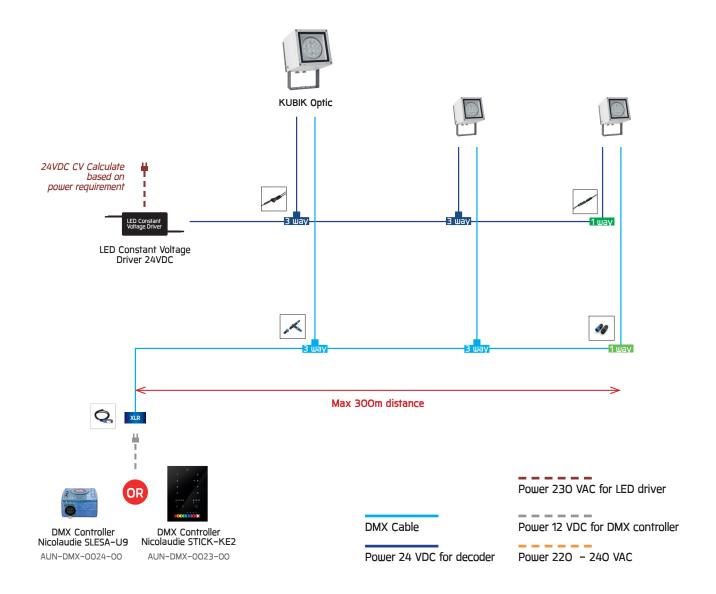
# Medium scale DMX System

Up to 256 RGBW luminaires / Up to 300m distance
Applicable for RGBW luminaire with Remote DMX Decoder

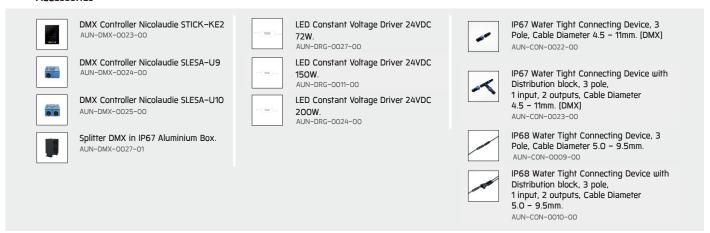


# Small scale DMX System

Up to 32 RGBW luminaires / Up to 300m distance
Applicable for RGBW luminaire with Integrated CV DMX Decoder

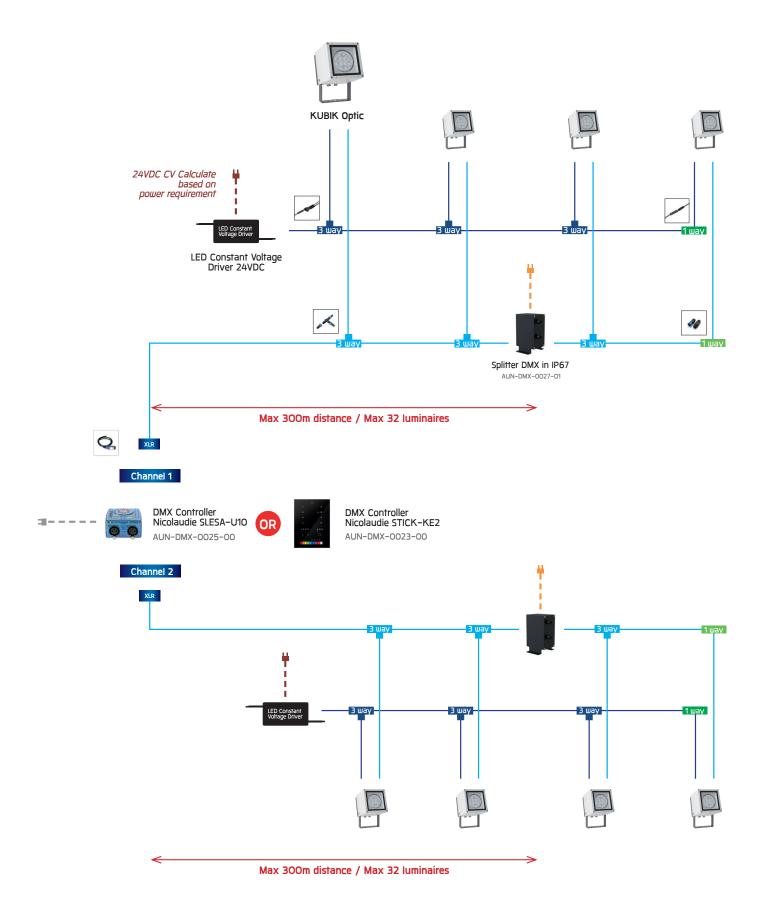


### Accessories



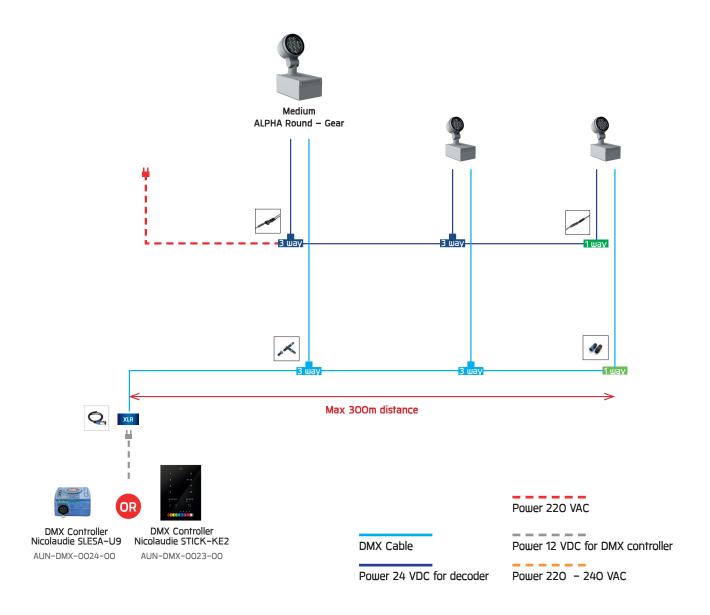
# Medium scale DMX System

Up to 256 RGBW luminaires / Up to 300m distance
Applicable for RGBW luminaire with Integrated CV DMX Decoder



# Small scale DMX System

Up to 32 RGBW luminaires / Up to 300m distance Applicable for RGBW luminaire with ID DMX

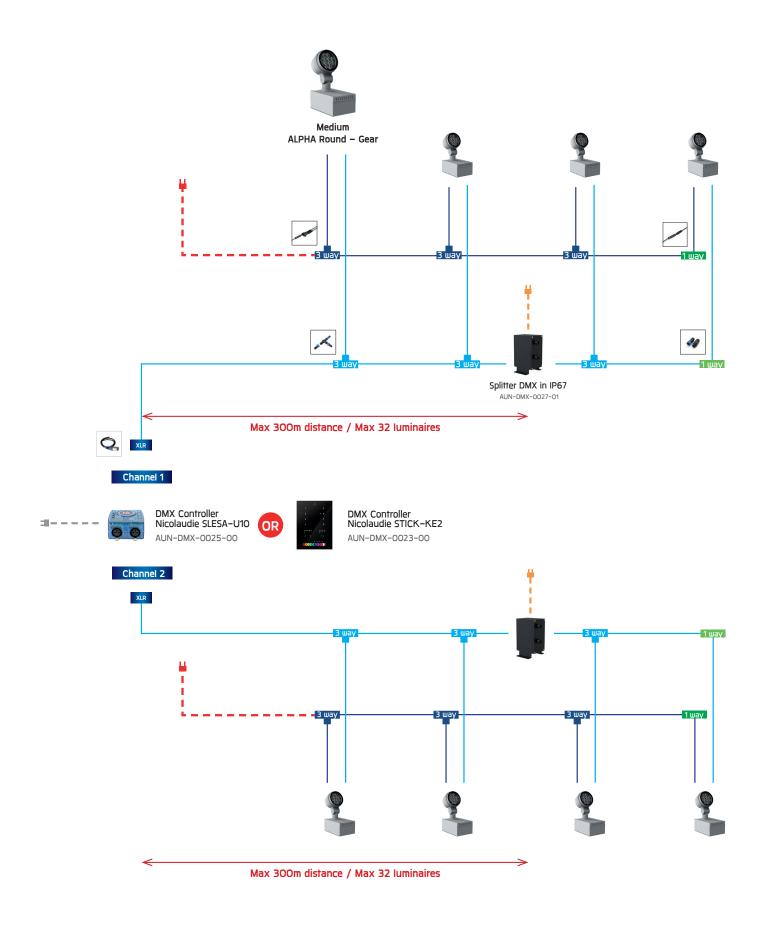


### Accessories



# Medium scale DMX System

Up to 256 RGBW luminaires / Up to 300m distance Applicable for RGBW luminaire with ID DMX



















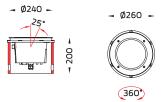








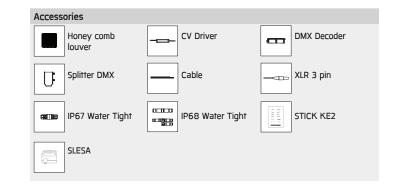
# ARC [DMX] Inground uplighter



### Specification

- High-pressure Die Cast Aluminium alloy body and components.
- Front cover in 316 stainless steel brush finished.
- Recessed housing made of GFR polymer.
- Luminaire withstands a maximum static load of 1000 kg.
- Nano Ceramic surface conversion, resistant to corrosive environment. UniShield-16
- Impact resistant safety tempered glass cover. Able to withstand the temperature up to 250°C.
- Glass flushes to the front cover, no accumulation of dust and
- Molded PC lens from renowned manufacturers in various light distribution patterns.
- Post-cured treated silicone gasket.
- External screws are in stainless steel with protection grease.
- Cable entry protected by M20 cable gland.
- High efficiency LED module utilized chips from world renowned manufacturer.
- Driver is not included and has to be ordered separately.
- The water drainage system must be tested to ensure that it is working sufficiency and efficiency.

Luminaire Performance	610 - 680 lm   22 W   27 - 30 lm/W	
Beam Options	Narrow Medium Wide	
Color Temperature	RGBW	
Controller	Remote DMX Decoder	



















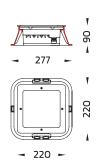


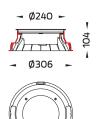






# Mini QUARK (DMX) Inground uplighter





### Specification

- High-pressure Die Cast Aluminium alloy body and components.
- Front cover in 316 stainless steel brush finished.
- Recessed housing made of GFR polymer.
- Luminaire withstands a maximum static load of 1000 kg.
- Nano Ceramic surface conversion, resistant to corrosive environment. UniShield-16
- Impact resistant safety tempered glass cover. Able to withstand the temperature up to 250°C.
- Glass flushes to the front cover, no accumulation of dust and water.
- Molded PC lens from renowned manufacturers in various light distribution patterns.
- Post-cured treated silicone gasket.
- External screws are in stainless steel with protection grease.
- Cable entry protected by M20 cable gland.
- High efficiency LED module utilized chips from world renowned manufacturer.
- Driver is not included and has to be ordered separately.
- The water drainage system must be tested to ensure that it is working sufficiency and efficiency.

Luminaire Performance	1440 - 2070 lm   22 - 32 W   57 - 73 lm/W	
Beam Options	Medium Wide Asymmetric	
Color Temperature	RGBW	
Controller	Remote DMX Decoder	

Accessories			
Honey comb louver	Softening filter	CV Driver	
DMX Decoder	Splitter DMX	Cable	
IP67 Water Tight	IP68 Water Tight	XLR 3 pin	
STICK KE2	SLESA		



















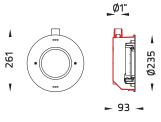


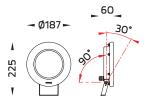




**VAREE** Spotlight



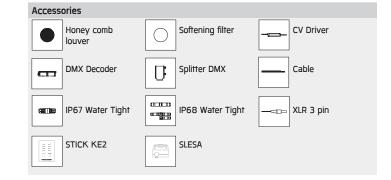




### Specification

- Supreme corrosion proof Under Water grade Stainless Steel.
- Injected GFR Engineering Polymer body component.
- Wall recessed housing made of GFR polymer.
- Impact resistant safety tempered glass cover.
- Molded PC lens from renowned manufacturers in various light distribution patterns.
- Post-cured treated silicone gasket.
- Marine grade 316 stainless steel screw.
- Cable entry protected by M16 cable gland.
- High efficiency LED module utilized chips from world renowned manufacturer.
- Driver is not included and has to be ordered separately.
- Pre-wired with 5x1.0 sqmm. PP + TPE cable. VDE approved.
- Installation work has to be carried on according to the enclosed installation manual.
- To avoid over-heating, this luminaire has to use under water only.

Luminaire Performance	1250 - 1560 lm   24 W   52 - 65 lm/W	
Beam Options	Medium Wide Asymmetric Elliptical H	
Color Temperature	RGBW	
Controller	Remote DMX Decoder	



























# **KUBIK Optic - Ground Mount (DMX)** Spotlight





### Specification

- High-pressure Die Cast Aluminium alloy body and components.
- Nano Ceramic surface conversion, resistant to corrosive environment. UniSheild-16
- Impact resistant safety tempered glass cover.
- Glass flushes to the front cover, no accumulation of dust and water.
- Molded PC lens from renowned manufacturers in various light distribution patterns.
- Adjustable aiming unit through graduated scale.
- Post-cured treated silicone gasket.
- External screws are in stainless steel with protection grease.
- Cable entry protected by M20 cable gland.
- High efficiency LED module utilized chips from world renowned manu
- Driver is not included and has to be ordered separately.
- Pre-wired cable from factory.
  Pre-wired with 2x1.0 sqmm. HO7RN-F neoprene cable. IMQ approved.
- Pre-wired with shielded DMX cable.
- Installation work has to be carried on according to the enclosed installation manual.
- Available with remote driver.

### **Available Color**



















Luminaire Performance	1420 - 1510 lm   24 W   59 - 62 lm/W	
Beam Options	Medium Wide Elliptical H Elliptical V	
Color Temperature	RGBW	
Controller	Integrated DMX Decoder	

Accessories			
Honey comb louver	Softening filter	CV Driver	
Glare Shield	Splitter Splitter	Tree strap	
Pole clamp	Cable	Splitter DMX	
IP67 Water Tight	IP68 Water Tight	XLR 3 pin	
STICK KE2	SLESA		



















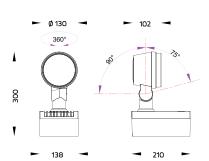


Medium ALPHA Round - Gear (DMX) Spotlight









### **Features**

- Designed, Manufactured and tested according to IEC 60598.
- LM6 Die Cast Aluminium body.
- Stainless steel screws.
- Nano Ceramic surface conversion.
- Double layer coating.
- Safety glass cover.
- Post-cured silicone gasket.
- High quality LED module.
- Weather proof TPE grommet.
- Installation must be carried out according to the enclosed product manual.
- High CC quality DMX driver
- Equipped with 10kV surge protection device.
- Pre-wired with shielded DMX cable.

### **Available Color**









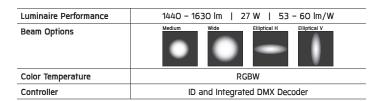


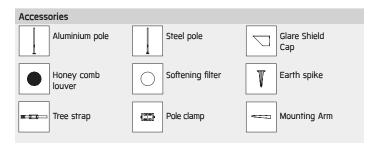












<sup>\*</sup>Please see Poles & Anchor bolt section for pole mounting options

Orc	dering Code	Product Name	
LED Constant Volta	age Driver		
10000	AUN-DRG-0027-00	LED Constant Voltage Driver 24Vdc 72W.	for ARC, KUBIK, QUARK, VAREE
THE STATE OF THE S	AUN-DRG-0011-00	LED Constant Voltage Driver 24Vdc 150W.	for ARC, KUBIK, QUARK, VAREE
700	AUN-DRG-0024-00	LED Constant Voltage Driver 24Vdc 200W.	for ARC, KUBIK, QUARK, VAREE
	AUN-DRG-0113-01	4CH DMX512/ RDM Decoder with 24Vdc Input and 4x500mA 4x16W Output In IP67 GFR Polymer Box.	for ARC, KUBIK, QUARK, VAREE
DMX Controller			
100000000000000000000000000000000000000	AUN-DMX-0023-00	DMX Controller Nicolaudie STICK-KE2	for ARC, KUBIK, QUARK, VAREE
	AUN-DMX-0024-00	DMX Controller Nicolaudie SLESA-U9	for ARC, KUBIK, QUARK, VAREE
	AUN-DMX-0025-00	DMX Controller Nicolaudie SLESA-U10	for ARC, KUBIK, QUARK, VAREE
Q	AUN-DMX-0026-00	XLR 3 Pin Male Connector with UNITRONIC Li2YCYv (TP) cable length 1000mm. [DMX]	for ARC, KUBIK, QUARK, VAREE
	AUN-DMX-0027-00	Splitter DMX in IP67 Aluminium Box.	for ARC, KUBIK, QUARK, VAREE
Connector and Dis	tribution Box		
	AUN-CON-0022-00	IP67 Water Tight Connecting Device, 3 Pole, Cable Diameter 4.5 – 11mm. [DMX]	for ARC, KUBIK, QUARK, VAREE
~	AUN-CON-0023-00	IP67 Water Tight Connecting Device with Distribution block, 3 pole, 1 input, 2 outputs, Cable Diameter 4.5 – 11mm. [DMX]	for ARC, KUBIK, QUARK, VAREE
	AUN-CON-0009-00	IP68 Water Tight Connecting Device, 3 Pole, Cable Diameter 5.0 – 9.5mm.	for ARC, KUBIK, QUARK, VAREE
	AUN-CON-0010-00	IP68 Water Tight Connecting Device with Distribution block, 3 pole, 1 input, 2 outputs, Cable Diameter 5.0 – 9.5mm.	for ARC, KUBIK, QUARK, VAREE
Cable			
	ATR-CAB-0006-00	Cable UNITRONIC Li2YCYv (TP) length 2000mm. (DMX)	for ARC, KUBIK, QUARK, VAREE
	AUN-CAB-0040-00	Cable HO7RN-F 2x1sqmm length 2000mm.	for ARC, KUBIK, QUARK, VAREE
	AUN-CAB-0039-00	Cable HO7RN-F 3x1sqmm length 2000mm.	for ARC, KUBIK, QUARK, VAREE

# DMX control option RGBW

: Ideal Application









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