

# QUARK

## MINI QUARK ROUND [DMX]

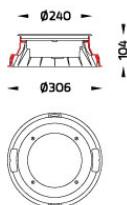
### INGROUND UPLIGHTERS



LAST UPDATE: 08-05-2024



QUARK and Mini QUARK a family of walkover and drive over in-ground uplighter with shallow housing for minimum recess depth. Designed for high power LED with the choices of three different color temperatures from 2700K, 3000K or 4000K in high color consistency and remarkable color rendering index. QUARK is also available in HID light source with conventional control gear. The light distribution is available in various pattern e.g. wall wash, bi-symmetric, narrow, medium, wide and elliptical beam. QUARK is ideal for the illumination of plants, flagpoles, columns, walls, building facades and also architectural works and landmarks. The luminaire is fitted with a pre-wired supply cable for inground application and internally potted to prevent humidity and condensation. It is available in two sizes with integrated on-off or dimmable driver. Gel-filled IP 68 connecting devices are available as an accessory.



## Technical Data



Ordering Code :	9035-6-D-687-91
Lamp :	LED
Beam :	25°
CCT :	RGBW
CRI :	CRI >40
SDCM :	SDCM = 5
Lamp Lumen :	2260 lm
Luminaire Lumen :	1620 lm
Lamp Wattage :	22 W[500mA]
Luminaire Wattage :	22 W
Efficacy :	73 lm/W
Ambient Temperature :	40°C
Lumen Maintenance	L70B10 >66,000 h
Controller :	Remote
Input Voltage :	500mA, 4CHx9Vdc-12Vdc, Uin max 150Vdc
Net Weight :	3.00 kg.

### Ordering code guide

XXXX-X-X-XXX-XX  
A B C D E

A Product Code  
B Reflector  
C Electrical Component  
D Lamp  
E Color



Icon definition

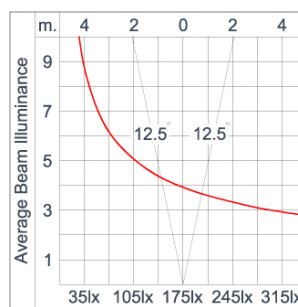
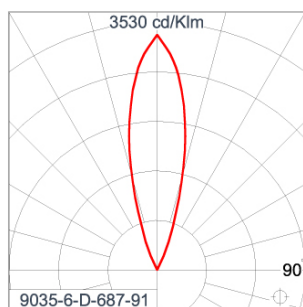
\*Due to the constancy of product development,  
we reserve the right to alter all specification  
without prior notice.

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online@unilamp.co.th  
www.unilamp.co.th

## Specification

IEC Standard	IEC 60598-1 General Requirement IEC 60598-2-13 Ground Recessed Luminaires
Protection	IP67 Class III
IK Rating	Protection against mechanical impact IK10 on body and optical part.
Luminaires Body Housing	High-pressure die cast aluminum 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.
Coating Process	Nano Ceramic surface conversion, resistant to corrosive environment. Luminaire primarily coated with epoxy resin and top coated with UV stabilized polyester powder and cured in digital temperature controlled chamber at 200°C.
Diffuser	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.
Lens	Molded PC lens from renowned manufacturers in various light distribution patterns.
Gasket	Post-cured treated silicone gasket. Temperature and weather resistant. Working temperature -40°C to +200°C.
External Screws	External screws are in stainless steel with protection grease.
Cable Entry	Cable entry protected by M20 cable gland. To be used with H05RN-F/ H07RN-F cable with 7-13mm. diameter.
Led	High efficiency LED module utilized chips from world renowned manufacturer. Assembled on MCPCB and mounted on to heat conductive material.
Driver	Driver is not included and has to be ordered separately.
Internal Wire	Tinned copper conductor with silicone insulated internal wire. IMQ approved. Working temperature -40°C to +180°C.
Pre-Wire Cable	Pre-wired with 5x1.0 sqmm. PP + TPE cable. VDE approved.
Caution	Installation work has to be carried on according to the enclosed installation manual. The water drainage system must be tested to ensure that it is working sufficiency and efficiency.

## Light Distribution



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#### Accessories



Ordering Code:  
AUN-GSH-0005-00  
Honey Comb Louver



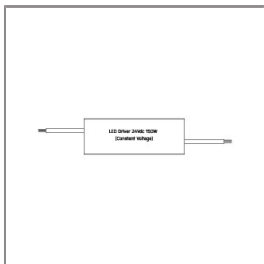
Ordering Code:  
AUN-SOF-0016-00  
Softening Filter



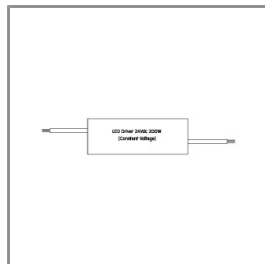
Ordering Code:  
AUN-CON-0009-00  
IP68 Water Tight  
Connecting Device, 3 Pole,  
Cable Diameter 5.0 -  
9.5mm.



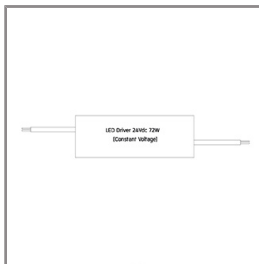
Ordering Code:  
AUN-CON-0010-00  
IP68 Water Tight  
Connecting Device with  
Distribution block, 3 pole, 1  
input, 2 outputs, Cable  
Diameter 5.0 - 9.5mm.



Ordering Code:  
AUN-DRG-0011-00  
LED Constant Voltage  
Driver 24Vdc 150W.



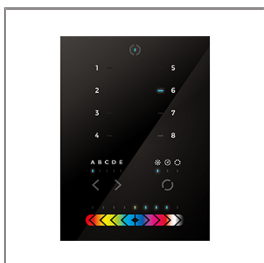
Ordering Code:  
AUN-DRG-0024-00  
LED Constant Voltage  
Driver 24Vdc 200W.



Ordering Code:  
AUN-DRG-0027-00  
LED Constant Voltage  
Driver 24Vdc 72W.



Ordering Code:  
AUN-DRG-0113-01  
4CH DMX512/ RDM  
Decoder with 24Vdc Input  
and 4x500mA 4x16W  
Output In IP67 GFR  
Polymer Box.



Ordering Code:  
AUN-DMX-0023-00  
DMX Controller Nicolaudio  
STICK-KE2



Ordering Code:  
AUN-DMX-0024-00  
DMX Controller Nicolaudio  
SLESA-U9



Ordering Code:  
AUN-DMX-0025-00  
DMX Controller Nicolaudio  
SLESA-U10



Ordering Code:  
AUN-DMX-0026-00  
XLR 3 Pin Male Connector  
with UNITRONIC Li2YCYv  
[TP] cable length 1000mm  
[DMX]

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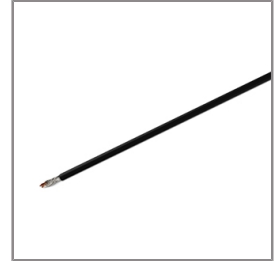
Ordering Code:  
AUN-DMX-0027-01  
Splitter DMX in IP67  
Aluminium Box.



Ordering Code:  
AUN-CON-0022-00  
IP67 Water Tight  
Connecting Device, 3 Pole,  
Cable Diameter 4.5 – 11mm.  
[DMX]



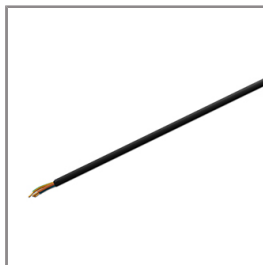
Ordering Code:  
AUN-CON-0023-00  
IP67 Water Tight  
Connecting Device with  
Distribution block, 3 pole, 1  
input, 2 outputs, Cable  
Diameter 4.5 – 11mm.  
[DMX]



Ordering Code:  
ATR-CAB-0006-00  
Cable UNITRONIC Li2YCYV  
[TP] length 2000mm.  
[DMX]



Ordering Code:  
AUN-CAB-0040-00  
Cable H07RN-F 2x1sqmm  
length 2000mm.



Ordering Code:  
AUN-CAB-0039-00  
Cable H07RN-F 3x1sqmm  
length 2000mm.