

QUARK

LED Downlight

CE IP20 LED RoHS eco+

5 YEAR
WARRANTY
85% SAVING

NIXON provides a five year manufacturer's guarantee on all Nixon branded products.



Specifications

Body	: Aluminium
Housing	: Aluminium
Diffuser	: Transparent
Reflector	: Aluminium
Beam Angle	: 12° - 24° - 60° (NIX-105-QUA01)
Weight	: 1 KG
Power Source	: 100-240 V AC / 50-60 Hz
Protection Class	: IP20
CCT (Kelvin)	: 2700K - 3000K - 4000K - 5000K

- In office lighting and store lighting usually different functions of the same product are combined. For this reason a spacious lighting design is achieved and complexity in ceiling is prevented.

Quark is created to respod this design approach. Quark is created to respod this design approach. It is a product range that fixed and gimbal features coexist within same form factor. Quark gives reliable options for designers as inch and watt diversity is supplied in a wide range.

Heat Generation



HID/Sodium : 100 C
LED : 35 C

Light Source Life



HID/Sodium : 15.000 Hrs
LED : 50.000 Hrs

Mercury Safety



HID/Sodium : Contains
LED : -

Equal With

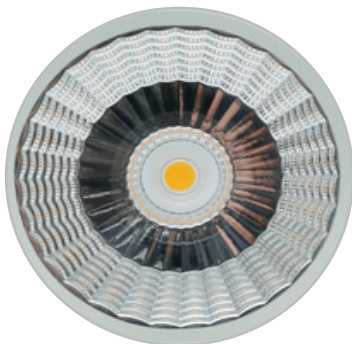


CFL : 2 X 24W

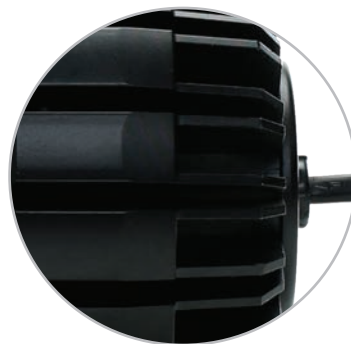
Applications

Home, Residence, Office, Hospitality, Retail

Available Colors: ☐ White RAL9016 ☒ Black RAL9005



Special Design Reflector



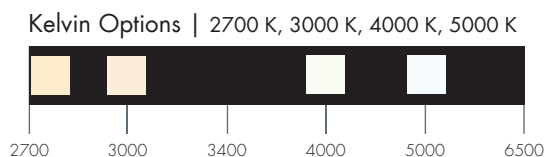
High channel Extruded Cooler



Gimbal Version Available



- Patented design for heat dissipation to ensure life of light source up to 50,000 hours.
- Low power consumption while high light efficiency, power consumption just 20% as much as high pressure sodium lamp, mercury lamp at the same luminous condition, it saves energy more than 75% than that traditional light.
- Die casting aluminum housing, with anti-static and anti-corrosion coating.
- Quark makes lighting elements on ceiling exhibit a compatible view with general store or office design.
- Beautiful appearance, several types of installation methods available.



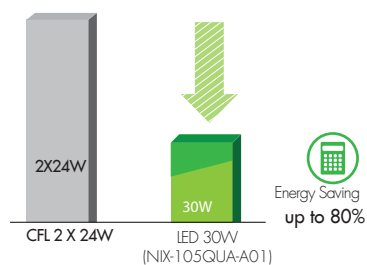
Quark's cooling unit based on high extrusion channel and profile evacuates the heat efficiently formed by led module.

Quark is put on sale optionally with led module in ranges of 2700-3000-4000-5000 Kelvin and value of CRI 95.

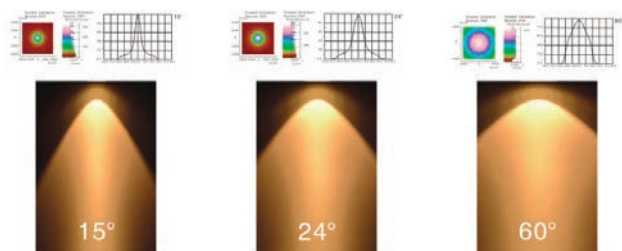


- Lightweight design
- Structure for easy installation
- Long life up to 50,000 hours

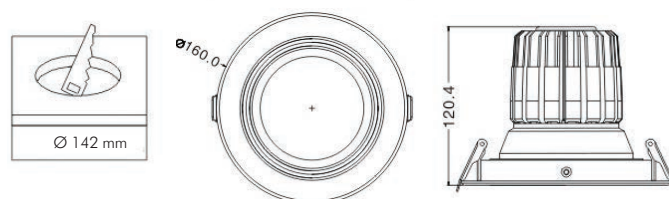
Go to nixonled.com for IES specific data and technical drawings.



Light & Lumen Distribution Graphics



Dimensions & Drawings (NIX-105-QUA-A01) :



Product Series - Quark Gimbal



Specifications

	NIX-105-QUA-A01	NIX-105-QUA-A02	NIX-105-QUA-A03	NIX-105-QUA-A04	NIX-105-QUA-A05
Power Consumption	30W	24W	18W	13W	9W
Input Voltage	220V AC (applied for 100-240V)				
Frequency	50/60 Hz (applied for 47-63 Hz)				
Ingress Protection	IP20				
Power Factor	>0.95				
Color Temperature(K)	Warm white: 2700K - 3000K; Pure white: 4000K - 5000K				
Color Rendering Index (CRI)	Ra > 95 - Ra > 80				
Light Efficacy	80 lm/W				
Lifespan	up to 50000 Hours				
Material	99 % Pure Aluminum Alloy				
Dimensions	160 x 124 mm (NIX-105-QUA-A01)				
Hole Diameter	Ø142mm	Ø142 mm	Ø120 mm	Ø120 mm	Ø95 mm
Net Weight	1,0 kg (NIX-105-QUA-A01)				

Order Information

Article no	System Power	Lumen	Hole Diameter
NIX-105-QUA-A01	30W	2383	Ø 142 mm
NIX-105-QUA-A02	24W	1871	Ø 142 mm
NIX-105-QUA-A03	18W	1595	Ø 120 mm
NIX-105-QUA-A04	13W	1306	Ø 120 mm
NIX-105-QUA-A05	9W	1102	Ø 95 mm