

HELIX

LED Downlight / Spotlight

CE IP20 LED RoHS eco+

5 YEAR
WARRANTY
85% SAVING

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



Specifications

Trim	: Die-cast aluminium
Body	: Die-cast aluminium
Housing	: 1.2 mm steel
Reflector	: 99.98% pure anodised aluminium
Weight	: 1,18 kg
Power Source	: 100 - 240V AC
System Power	: 20W - 30W - 40W
Luminous Flux	: 2463 lm (NIX-129-HEL-01)
Protection Class	: IP20

- Helix is designed to assure best performance in merchandising and vertical market. The most important need in store lighting is the lighting design which is arranged to display products on shelves or shop window without distracting the consumer and in correct colour and depth together with feeling of unity. This approach considers end-to-end solutions and harmony of lighting elements with each other in store. 355 degree horizontal and 85 degree vertical rotation angles and embedded structure of Helix gives freedom to designers to provide dynamic lighting and relocation of store stands. It enables you to position stands and product baskets in a wider space.

Helix has a perfect cooler design. The powerful led module with a capacity of 4500 lm enforces the heat to evacuate by an innovative way. Double walled copper cooling channels perform this duty exactly the way it is supposed to do. The heat of led is transferred rapidly out of module.

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



Halogen : 50 W

Applications

Home, Residence, Office, Hospitality, Retail

Available Colors: ☐ White RAL9016 ☒ Black RAL9005



Special Design Reflector



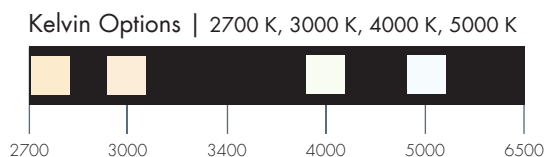
Hi-tech Heat Sink



Improved Tilt & Yaw Capabilities



- Patented design for heat dissipation to ensure life of light source up to 50,000 hours.
- Double-wall design serves as a cooling system designed to dissipate heat faster from led, also providing maximum air flow from entire operation caused by rising hot air.
- Die casting aluminum housing, with anti-static and anti-corrosion coating.
- By determining the individual radius of each facet of the reflector, a wide range of beam angles light distribution can be produced within the same shape of the reflector.
- Beautiful appearance, several types of installation methods available.

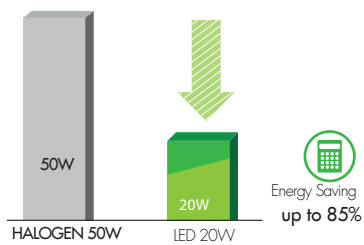


Computerized design of Shperolite reflector allows high performance in led modules even in lower watt configurations whereas in metal halide lamps it is only possible with high watt. Helix is manufactured in three different angels of reflector: Narrow, Medium and Flood.

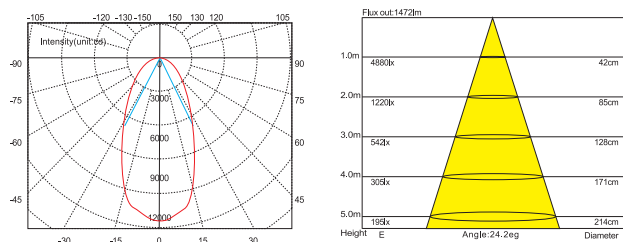


- 355° horizontal and 85° vertical movement
- Structure for easy installation
- Long life up to 50,000 hours

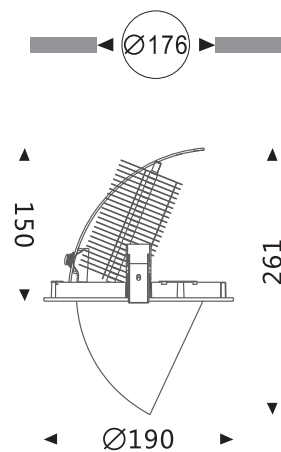
i Go to nixonled.com for IES specific data and technical drawings.



Light & Lumen Distribution Graphics



Dimensions & Drawings



Specifications & Product Series:



NIX-129-HEL-01



NIX-129-HEL-02



NIX-129-HEL-03

Power Consumption	20W	30W	40W
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 > 85 - Ra > 95		
Light Efficacy	116 lm/W - 108 lm/W - 99lm/W		
Lifespan	up to 50000 Hours		
Material	99 % Pure Aluminum Alloy		
Dimensions	182 x 182 x 75 mm		
Hole Diameter	Ø176 mm		
Net Weight	1,18 kg		

Order Information

Article no	System Power	Angle	CRI	Lumen
NIX-129-HEL-01	20W	▣ Narrow ▣ Medium ▣ Flood	85 - 95	2463
NIX-129-HEL-02	30W	▣ Narrow ▣ Medium ▣ Flood	85 - 95	3209
NIX-129-HEL-03	40W	▣ Narrow ▣ Medium ▣ Flood	85 - 95	4039