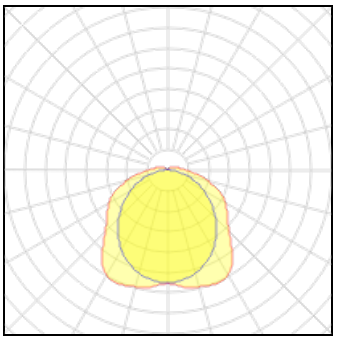
Product data sheet

963 HYDRO LED - HIGH PERFORMANCE 4000K CRI 80 56W CLD GREY
164766-00
DISANO



Housing: injection-moulded, made of grey RAL 7035 polycarbonate, shatterproof, UV-stabilised, with high mechanical strength thanks to the structure reinforced by internal ribs. Optics: galvanised steel pre-painted in oven with white polyester resin, UV-stabilised. Fastened to the body with a quick coupling by means of a device machined directly on the body. Diffuser: injection-moulded in polycarbonate with internal grooves for greater light control, self-extinguishing V2, UV-stabilised, smooth outer finish to enable easy cleaning for maximum light efficiency. Wiring: Rigid cable with 0.5 mm2 cross-section and PVC_HT heat resistant sheathing (90 °C) according to EN 50525-2-31. Low flicker: luminaire with very low flicker: evenly distributed light for greater visual safety. Photobiological risk: exempt risk group according to EN62471. : EN60598-1. EN60529. The lighting fixture meets all IFS and BRC requirements, and the regulation of the HACCP Directive regarding lighting systems installed in food processing plants. The product complies with the Premium LED L90 – 36,000h USA standard Laboratory tests: - the UL 94 Standard is considered a reference for rating the ignition characteristics of plastic materials. The watertight fixtures are made of V2 class material that self-extinguishes in 25 seconds. - passes the Glow Wire Test at 850 °C. Equipment: - sealing gasket in eco-friendly, anti-aging expanded polyurethane foam - ceiling mounting brackets and suspension hook in stainless steel - quick connector - clamp and safety screws in stainless steel Warnings: ATTENTION ! Do not install on surfaces subject to strong vibrations, outdoors on hanging cables, or on walls under metallic grates, or on poles, and in any case, never expose the fixture to direct sunlight. Check the compatibility between the material constituting the product and the space where it will be installed. We recommend the use of fixtures made of steel with direct exposure to sunlight. On request: - radar sensor for ON-OFF watertight fixtures, subcode -19 - wiring through continous row, subcode -0072; - 1-10V dimmer + emergency wiring, subcode -94; - wiring for centrally powered emergency lighting, subcode -0050.

Light output 1



1 x LED

Nominal lamp power	56 W	LOR	100%
Lamp flux	9561 lm	Total flux	9560 lm
Luminous efficacy	171 lm/W	Total power	56 W
CCT	4000 K		
CRI	80		

Mounting mode

Ceiling mounted

Shape and measurements

Length: 49.61 in
Width: 4.72 in
Height: 4.02 in

Adjustability

Fixed

Electric

System power: 56 W
Appliance Class: I

Protection

IP: 66
IK: 10
Designation labels: CE, ENEC

Other operating numbers

Ambient temperature range: -22...104°F

Design

Color of housing: Silver gray