



## Key Features

iAxis Diffused Recessed linear recessed luminaire has a minimalist appearance emphasizes architectural details in a discreet way, offers a diffused and homogeneous light emission without shadows.

Drive-over 4000 Kg at max 40 Km/h.

Designed to last in extremely harsh environments.

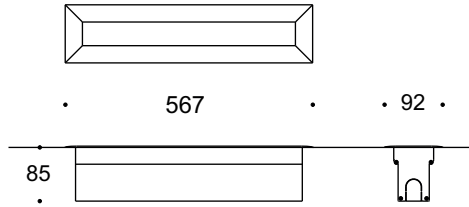
Monochrome or DALI controllable, easy to install with the integrated universal power supply and connect via combined power and data connectors.



## Key Data

<b>LED Type</b>	High efficiency LEDs, available in 2700K, 3000K, 4000K, 5000K, 6500K CCT tolerance within a 3-step MacAdams ellipse and LM80 compliant. Custom LED color combinations available.
<b>Nominal Voltage</b>	220V-240V AC, 50/60Hz
<b>Color Rendering Index</b>	CRI ≥ 80 standard and CRI ≥ 90 on request.
<b>Optics</b>	Diffused Beam / 120°
<b>Materials</b>	Corrosion resistant extruded anodized aluminium housing (EN AW-6060) with stainless steel screws (A4 grade) and silicone rubber gaskets. Steel frame with 316 recessed box. Power unit is built in. End-to-end connection via power connectors.
<b>Optional Coating</b>	Marine grade.
<b>Diffuser</b>	High impact and heat resistant opal diffuser.
<b>LED Life Time</b>	L80 B10 70.000h Ta 25°C L80 B10 50.000h Ta 40°C
<b>Operating Temperature</b>	-40°C / +55°C
<b>Power Factor</b>	>0.95
<b>Control Systems</b>	1-10V DIM, DALI Interface.
<b>Protection Class</b>	IP67
<b>Impact Resistance</b>	IK10
<b>Load Rating</b>	40 kN
<b>Insulation Class</b>	Class I
<b>Installation</b>	20-30 cm drainage gravel for water evacuation.
<b>Conformity</b>	Complies with European Standards EN 60598 and CE certified.

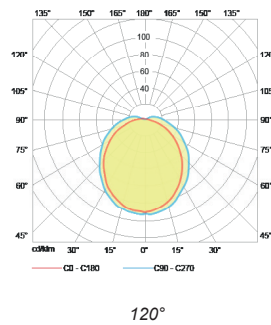
**Technical Drawing**



**Information**

CODE	LENGTH (mm)	POWER CONSUMPTION	LUMEN OUTPUT (lm) 3000K / 4000K	COLOUR TEMPERATURE
AR812704	567	18W	1620 / 1764	3000K / 4000K

**Light Distribution Curve**



**Accessories**



**IP68 Plug Power  
Connector Set**  
Code: CON1201