

Last information update: June 2023

**Product configuration: N188**

N188: medium body - warm white - spot optic

**Product code**N188: medium body - warm white - spot optic **Attention! Code no longer in production****Technical description**

Adjustable spotlight with adapter for installation on mains voltage track for high-performance LED source with CoB technology, with monochromatic Warm White (3000K) emission. Product inclusive of OPTIBEAM interchangeable reflector with spot optic. Electronic control gear housed in the power supply box positioned vertically with respect to the optical compartment. Optical compartment made of die-cast aluminium, easily customisable thermoplastic power supply box. Features 360° rotation around the vertical axis and 90° inclination with respect to the horizontal axis. Passive cooling system. Possibility of installing a refractor, to be ordered separately, for elliptical light beam distribution.

**Installation**

Mounted on electrified track or on base

**Colour**

White (01) | Black (04)

**Weight (Kg)**

1.26

**Mounting**

three circuit track|ceiling surface

**Wiring**

Product inclusive of electronic components

Complies with EN60598-1 and pertinent regulations

**Technical data**

lm system:	2340	CRI:	80
W system:	31.5	Colour temperature [K]:	3000
lm source:	3000	MacAdam Step:	3
W source:	29	Life Time LED 1:	50,000h - L80 - B10 (Ta 25°C)
Luminous efficiency (lm/W, real value):	74.3	Ballast losses [W]:	2.5
lm in emergency mode:	-	Lamp code:	LED
Total light flux at or above an angle of 90° [Lm]:	0	Number of lamps for optical assembly:	1
Light Output Ratio (L.O.R.) [%]:	78	ZVEI Code:	LED
Beam angle [°]:	12°	Number of optical assemblies:	1

**Polar**