



RELIABLE LIGHTING FOR
HAZARDOUS ENVIRONMENTS



OTHER / ZLSSVP

INGRESS
IP66

EX LINEAR SS-1500

by ZONE LED

LUMINOUS FLUX

9600 lm

SYSTEM POWER

60 / 80 W

EFFICACY

120 lm/W

COLOUR RENDERING

80 CRI



OVERVIEW

Designed for hazardous industrial environments, this stainless steel linear LED luminaire provides reliable, energy-efficient illumination where safety and durability are essential. Its corrosion-resistant stainless steel housing and IP65-rated construction protect against dust, water ingress, and harsh environmental conditions, making it ideal for chemical plants, oil and gas facilities, mining operations, warehouses, and other demanding industrial applications.

Ex eb mb IIC T4 Gb Ex db IIIC T135°C Db IP65

OPTICAL & PHOTOMETRIC

Luminous Flux	9600 lm
Efficacy	120 lm/W
Correlated CCT	4000K / 5000K / 6500K
Colour Rendering (CRI)	80
Beam Angle	110
UGR (Glare Rating)	22
Distribution	SYMETRIC

PHYSICAL & ENVIRONMENTAL

Dimensions	1350X144X100mm
Weight	7.8Kg
Housing Material	Stainless Steel
Lens / Diffuser	High Impact polycarbonate
Finish / Colour	White / Grey
IP Rating	IP66
IK Rating	IK10
Operating Temp	-20 + 45

ELECTRICAL

System Power	60 / 80 W
Input Voltage	220 - 240V AC
Frequency	50 Hz
Power Factor	0.96
Driver Type	Constant Current
THD	15
Surge Protection	4kV (10kV on request)

LIFESPAN & WARRANTY

Rated Lifespan	L90 B10 70000 Hours
Warranty	5 Years
Lumen Maintenance	LM80 tested

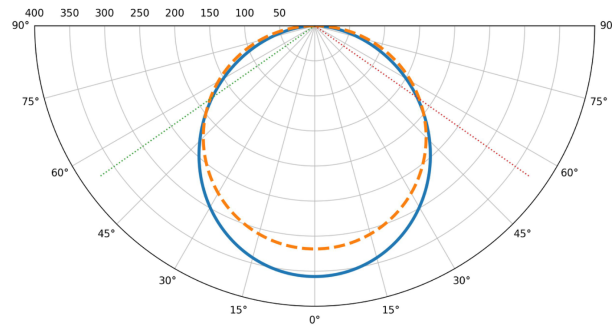
COMPLIANCE

Ex eb mb IIC T4 Gb Ex db IIIC T135°C Db IP65;SANS 60079-0: 2019;SANS 60079-7: 2023;SANS 60079-18: 2022;SANS 60079-31: 2023;ARP 0108: 2018

LIGHT DISTRIBUTION CURVE

LIGHT DISTRIBUTION CURVE

80W Linear LED Luminaire | 9600 lm | Beam Angle 110°



Photometric curve shown in cd/klm | Estimated distribution based on stated lumen output and beam angle
System Power: 80W • Luminous Flux: 9,600 lm • Efficacy: 120 lm/W • Beam Angle: 110°

PRODUCT DRAWING

