

Technical Datasheet

NAGOYA EX LED



ELECTRICAL CHARACTERISTICS

Nominal Voltage	42VAC	110VAC	230VAC
Total Power	25W	25W	30W
Operation Temperature	-40°C to +50°C		

LIGHT CHARACTERISTICS

Lumen Output	3000lm	3000lm	3500lm
Luminary Efficacy	120lm/W		
Light Temperature	5000k (other colours on request)		
CRI	80-85 R _a		
Estimated Service Life	60.000 working hours at an average temperature of 25°C		

PROTECTION, CONSTRUCTION, DIMENSION

IP Protection	IP66+IP67
Impact Protection	IK08
Diffuser	PMMA 2,5mm
Housing	Aluminum alloy powder painted with tempered borosilicate glass tube
Weight	2,3kg
Dimensions	D110mm x H268mm
Cable Entry	2xM20 glands or M20 gland M20 plug
Connection Cable	3x 1,5mm ² or 3x 2,5mm ²
Connection Terminal	L1, N, PE max 3x2.5mm ² External PE terminal M5
Certificate	EXA 16 ATEX 0069X, IECEx EXA 18.0006X
Explosion Protection	II 2G Ex db op is IIC T6 Gb; II 2D Ex tb op is IIC T85°C Db

SUBJECT TO CHANGES

Headquarters in Hamburg
 KARL DOSE GmbH
 Försterweg 73-77
 22525 Hamburg
 Germany

Contact us:
 Website: www.karl-dose.com
 Phone: 0049 (0)40 547322-0
 Fax: 0049 (0)40 547322-99
 E-Mail: sales@karl-dose.de



Technical Datasheet

NAGOYA EX LED



CHARACTERISTICS

- ◆ Designed for application in hazardous, indoor and outdoor areas
- ◆ Applicable in hazardous zones: 1,2,21,22
- ◆ Modern LED illuminants for maximum energy efficiency
- ◆ Increase worker productivity
- ◆ Increase lighting operation reliability
- ◆ NAGOYA EX LED enables outstanding thermal management, since the LED engine is attached directly to the top and bottom cover, acting as a heat sink
- ◆ Circular LED light source of 360°
- ◆ High light intensity with no glare effect
- ◆ Low weight of 2,3kg

VARIATIONS

MOBILE VERSION WITH SUSPENSION



FIXED VERSION WITH BRACKET



SUBJECT TO CHANGES

Headquarters in Hamburg
KARL DOSE GmbH
Försterweg 73-77
22525 Hamburg
Germany

Contact us:
Website: www.karl-dose.com
Phone: 0049 (0)40 547322-0
Fax: 0049 (0)40 547322-99
E-Mail: sales@karl-dose.de

