

Industrial luminaire 816.40 NW General DALI

REF. 81640338-784



BASIC INFORMATION

DESCRIPTION

Simon has a laboratory, R & D & I in whose installation is carried out the tests functional and resistance to offer the best solutions and with the highest guarantees. The luminaires industrial new creation of the range 816, combine all these conditions. Luminaire industrial 816.40 NW General DALI. Category B Luminaires industrial 816, 4000 K 11500 lm / 90W, 50,000 h to 250 C. Industrial suspended luminaire for general lighting, neutral colour temperature (NW). The diameter of 430 mm Luminaire suspended 500 mm Easy installation and maintenance. Colour black. Materials: Aluminium and polycarbonate. Suspended system using string is not included. The IP68 connectors are included. General optics. Data sheet: Its photometry, it is wide sending the light beam at an angle of 60 ° C, being its light intensity very wide to 3 metres distance. (Between 7,36 and 8,41 lx). Does not require relays mechanical for the on and off switching of lighting since it is done by means of commands via the control line. It also does not require resistors termination of the bus.El interface DALI offers a simplicity of cabling, as well as a great flexibility in the design of the installation of the lighting and allows its adaptation to different types of manufacturers.

APPLICATION

General lighting,Intensive lighting

PACKAGING CONTENTS

1 unit

ETIM CLASS

EC001716

TECHNICAL INFORMATION

FREQUENCY

50 - 60 Hz

CRI

80

LIGHTING EFFICIENCY (LM/W)

128 lm/W

IK CLASSIFICATION

08

DRIVER INCLUDED

Yes

LUMENS (LM)

11500 lm

IP RATING

IP65

ELECTRICAL CLASS

Type 1

LUMENS/W

11500 lm/90W

OPERATING TEMPERATURE RANGE (°C)

-15 - 40 °C

INTEGRATED POWER SUPPLY

Yes

OPTICS

General

POWER SUPPLY (V~)

100/240 V~

L70 (°C)

50,000 h at 25 °C

PHOTOBIOLOGICAL CLASSIFICATION

Exempt category

COLOR TEMPERATURE (K)

4000 K

LIGHT BEAM APERTURE ANGLE (°)

100°

POWER (W)

90 W

CONTROL

DALI

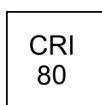
COLOR TYPE

NW

SERVICE LIFE

50.000 h

CHROMATICS CRI ICONS



PHOTOMETRY ASSETS – CONICAL

1.6	4.01 4.08	E(0°) 1466 E(C90) 220 E(C0) 210
3.2	8.02 8.16	E(0°) 366 E(C90) 55 E(C0) 53
4.8	12.03 12.24	E(0°) 163 E(C90) 24 E(C0) 23
6.4	16.03 16.32	E(0°) 92 E(C90) 14 E(C0) 13
8.0	20.04 20.41	E(0°) 59 E(C90) 9 E(C0) 8

Separación [m]

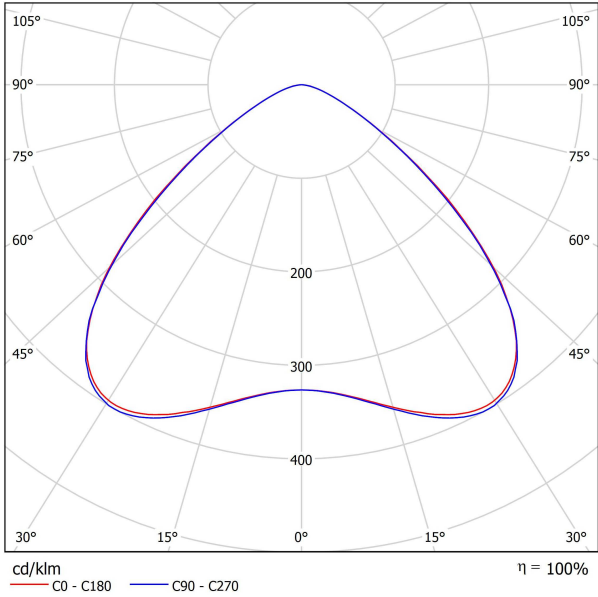
Diámetro cónico [m]

Intensidad lumínica [lx]

C0 - C180 (Semiángulo de dispersión: 103.8°)

C90 - C270 (Semiángulo de dispersión: 102.8°)

PHOTOMETRY ASSETS – POLAR



INSTALLATION AND MAINTENANCE

INSTALLATION TYPE

Suspended

TYPE OF TERMINAL
CONNECTION - FUNCTION 1

Screw

REGULATIONS

WARRANTY

5 years 50,000 h

LOGISTICS INFORMATION

UNITARY EAN CODE

8421053194584

UNITARY PACKAGING WEIGHT
UNIT

KGM

PACKAGING MEASUREMENT
UNIT

MMT

UNITARY PACKAGING HEIGHT

0

PACKAGING EAN

8421053194584

PACKAGING VOLUME

33516000

UNITARY PACKAGING WIDTH

0

UNITS CONTAINED PACKAGING

1

PACKAGING VOLUME UNIT

MMQ

UNITARY PACKAGING LENGTH

0

PACKAGING HEIGHT

190

PACKAGING GROSS WEIGHT

5.9

UNITARY PACKAGING VOLUME

0

PACKAGING WIDTH

420

PACKAGING NET WEIGHT

4.8

UNITARY PACKAGING GROSS
WEIGHT

5.9

PACKAGING LENGTH

420

PACKAGING WEIGHT UNIT

KGM

PRODUCT NET WEIGHT

4.8