7 Years
Product Warranty
UK Only

2 Years
On-Site Warranty
Main-land UK Only

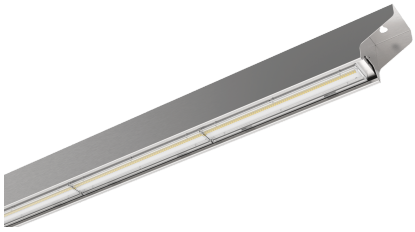
Contrail

Kosnic
LIGHTING • SIMPLY BETTER

08962 CON100-W40

Contrail 70W/80W/90W/100W low bay 4000K

- High efficiency of 150lm/W
- Optional plug-in emergency modules, available in standard, self-test and DALI
- Switchable wattage
- Vandal resistant (IK08)
- Conduit, trunking or surface-mounting
- BESA box fitting points



Overview

The Kosnic Contrail is a highly energy efficient and slim low bay. It is designed for use in general industrial areas, manufacturing, warehousing, leisure facilities and retail environments with it's IK08 rating.

IP20

General Information

Ambient Temperature Range (°C)	-20°C to 50°C
IK Rating	IK08
IP Rating	IP20
Materials	Housing: Zinc coated sheet steel + Acrylic
Protection Rating	Class I
Installation Area	Internal
L80B10 Lifetime (h) @Ta 25 °C	62,000 h

Compliance

LVD	EN 60598-1:2024, EN 60598-2-1:2021, EN 62493:2015+A1:2022
EMC	EN 55015:2019+A11:2020, EN 61000-3-2:2019+A1:2021, EN 61000-3-3:2013+A1:2019+A2:2021, EN 61547:2023
Others	UKCA, CE, RoHS, WEEE

Technical Summary	
Product Code	CON100-W40
Input Voltage Supply	220-240Vac 50/60Hz
Inrush Current (peak/duration) (A)	58 A / 156 µs
Settable Wattages	70W, 80W, 90W, 100W
Driver Code/Part number	Xitanium 100W 350-500mA 200V DS 230V 9290 038 74280 (Philips)
Driver Maximum Power (W)	100
Driver Output Current (mA)	350 / 400 / 450 / 500
Power Factor	0.97
Driver Power Factor	>=0.9
Default CCT	4,000 K
SDCM of CCT	<6
CRI	82
Dimmable	N
Flicker	<1%
Lumens Output Maximum	15,000 lm
Emergency Luminous Flux	720 lm
L70B50 Lifetime (h) @Ta 25 °C	98,000 h
L80B10 Lifetime (h) @Ta 25 °C	62,000 h
L90B10 Lifetime (h) @Ta 25 °C	30,000 h
Nominal Lifetime (h)	50,000 h
Glow wire temperature(°C)	650
Blue Light Hazard	RG1
Total Product Weight	2.95 kg
Weight	2.95Kg
Dimensions (L x W x D) (mm)	1350x65x80
Beam Angle - Lumi (°)	90x100
LS Energy Efficiency Class	C

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Kosnic.com

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Optional Gear

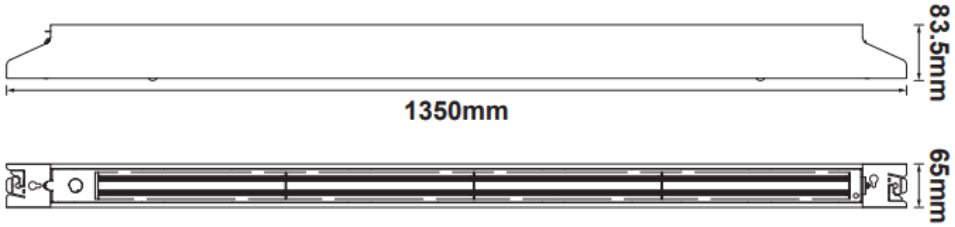
Product Code	Description	Type
BEM05/SST	Emergency module Duo 5W Manual&Self-test for Kosnic Lowbays	Emergency Module
BEM05/DA	Emergency module 5W DALI-2&Self test for Kosnic Lowbays	Emergency Module

Rated Power (W)	Current (mA)	Lumen (lm)
70	315	10500
80	360	12000
90	405	13500
100	450	15000

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IP20



General Information

Ambient Temperature Range (°C)	-20°C to 50°C
IK Rating	IK08
IP Rating	IP20
Materials	Housing: Zinc coated sheet steel + Acrylic
Nominal Lifetime (h)	50,000 h
Protection Rating	Class I
Installation Area	Internal

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