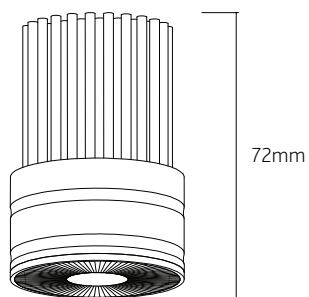


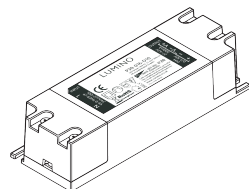
LUMINO



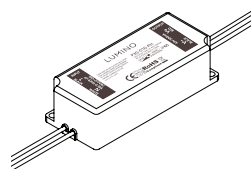
E50 ENGINE Installation Manual

E50 300mA DRIVERS

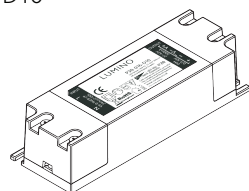
NON-DIMMING
P30-016



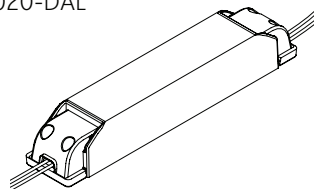
PHASE (TRIAC) DIMMING | DIM to 10%
P30-016-PH



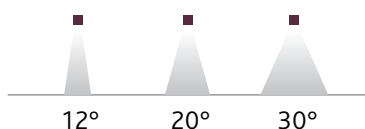
0-10v DIMMING | DIM to 1%
P30-016-D10



DALI DIMMING | DIM to 1%
P30-020-DAL



BEAM ANGLES



COLOUR TEMPERATURES

4000K Moonlight cool white

3500K White

3000K Warm white

2700K Very warm white

2400K Sunset warm white

2200K Candlelight warm white

E50 INSTALLATION

1. Observe precautions:



DISCONNECT POWER BEFORE WORK
USE CONNECTOR CABLES PROVIDED
POWER OFF UNTIL CONNECTED

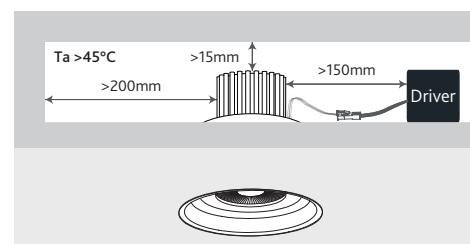


DO NOT EXCEED MAX VOID Ta 45°C
OBSERVE VOID SPACE DIMENSIONS
DO NOT EXCEED 300mA DRIVER

2. Connect 300mA driver to E50.

3. Install light fitting. Observe minimum clear air void space limits. Do not cover.

>200mm clear all sides of E50
>15mm clear above E50
>150mm clear E50 to Driver



4. Ensure max. void space air temperature Ta 45°C is not exceeded during operation.

FIRE / ACOUSTIC COVERS

Intumescent covers / acoustic hoods can be used with E50. Ensure the internal air volume of the hood is >0.02m³ (20 litres) and the maximum air temperature inside hood does not exceed 45°C during operation.

TECHNICAL SUPPORT
+44(0) 1279 635 411
www.lumino.lighting

Ta 45°C
Ensure void space air temperature does not exceed 45°C

Tc 80°C
Ensure E50 case temperature does not exceed 80°C

Exceeding maximum Tc 80°C or maximum 300mA will cause permanent damage and void the product warranty.

Installation work must be carried out by a qualified electrician and conducted in accordance with local regulations.

Use driver with overload and short-circuit protection.

Allow one driver per E50 Engine. Damage will be caused by incorrect input voltage, reverse polarity or short circuit.

Plan for loads, driver locations, dimming and cabling prior to start of installation work. Use shielded cables for dimming control wiring.

Ensure suitable access to drivers and allow sufficient clear air space as specified on installation instructions.

E50 and driver must not be live wired; always switch off power before making electrical connections.

Protect E50 from water, humidity, dust, paint and harmful substances during installation and use. Ensure E50 is not exposed to VOC gases.



This document is subject to change without notice.
Check for latest documentation at www.lumino.lighting
Copyright © 2017 LUMINO
E&OE

LUMINO DISTRIBUTION LIMITED
Lumino House, Lovet Road
Harlow, Essex CM19 5TB
United Kingdom

IM-E50-R1803