

# Apollo Lightsources Manual



A low cost, no compromise lightsource utilising the latest in high output fibre optic CDM lamp technology available in interior and exterior models.



## Specifications

Digilin Stock Code	APOLLO-INT-500 APOLLO-EXT-500
Dimensions (mm)	300mmL x 220mmW x 150mmH
Weight	4kg
Input Power	230/240V 50/60Hz, 150W



## Safety Notes

27 November 2008  
Document Rev: 1.0

Digilin Pty Ltd  
A.C.N. 078 278 449  
37 Oxford St  
Bulimba, Qld 4171  
Australia

[www.digilin.com.au](http://www.digilin.com.au)

Ph +617 3899 1267 Fax +617 3899 1261

©2008 Digilin Australia. Product specifications are subject to change without notice.

*At The Forefront of Electronic & Fibre Optic Lighting Technologies*

## Table Of Contents

Introduction.....	2
Installation.....	2
Lightsource Installation .....	2
Interior.....	2
Exterior .....	2
Lamp Installation/Replacement .....	3
Lamp Maintenance.....	3

## Introduction

The Apollo is a highly versatile lightsource, with models for use in dry and wet (IP53) locations. It can light up to 500 0.75mm side or end lighting fibres . A number of lighting effects can be created through the use of a standard colour wheel, or options for custom or scintillation wheels. Further effects can be created by synchronising one or several lightsources with a synchronising controller.

## Installation

### *Lightsource Installation*

#### **Interior**

1. Light source should be mounted in a dry location on a flat surface at any angle, using the 4 mounting points on the feet. Ensure that the ventilation on the underside of the light source is not obstructed.
2. Ensure lamp is installed as per Lamp Installation/Replacement and cover is fastened fully.
3. Install terminated fibre optic common end to fibre port and fasten retaining screw.
4. Connect light source to power point. Follow the guidelines detailed in Lamp Maintenance to maximise lifespan of lamp.

#### **Exterior**

1. Light source should be mounted vertically on a flat wall (such that the fibre optic port is pointing down), using the 4 mounting points on the feet. Ensure that the ventilation on the underside of the light source is not obstructed.
2. Ensure lamp is installed as per Lamp Installation/Replacement and cover is fastened fully.
3. Install terminated fibre optic common end to fibre port and fasten retaining screw.
4. Connect light source to power point. Follow the guidelines detailed in Lamp Maintenance to maximise lifespan of lamp.

## **Lamp Installation/Replacement**

Lamp: Philips CDM-SA/R150/942

Available from Digilin Australia.

1. Ensure unit has been disconnected from power source.
2. Remove the 4 stainless steel Philips screws from cover.
3. Pull the cover up and back to remove from the lightsource.
4. Disconnect existing lamp from ballast and remove from lamp bracket.
5. Carefully slide new lamp into lamp bracket. **CAUTION** lamp element protrudes from front of reflector. Touching or scratching glass element may cause lamp to fail.
6. Fully mate the connector on lamp to the connector on the ballast.
7. Replace cover on unit and fasten the 4 stainless steel screws.
8. Reconnect light source to power.

## **Lamp Maintenance**

In order to maximise the life of the CDM lamp, the following guidelines should be followed.

- The lamp must reach running temperature (approximately 15 minutes) before they can be safely switched off.
- The lamp should be switched off for a minimum period of 30 minutes every 24 hours to allow lamp to cool.