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Lighting Engineers

Test Report: PH 993

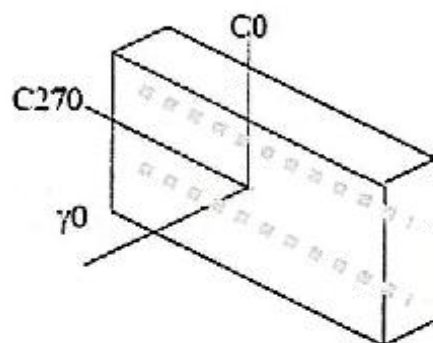
Subject: Pacific lighting Pty Ltd. Downlight (PTBT236H) with Acacia K12 refractor with 2x36W Philips T8 fluorescent lamp.

Client: Acacia Products
6 Vicars Pl, Wetherill Park, NSW-2164
Australia

Nature of Test: Photometric Distribution

Luminaire Description:

Style: Downlight
Cat. No.: PTBT236H
Optical Control: Reflector and Acacia K12 refractor
Lamp: 2x TLD 36W/840 SLV
Rated lum. flux: 2 x 3250 cool white
Ballast: 2 x Tridonic Atco LLB EC36/40
Starter: 2 x GE FU10 Starter
Capacitor: 1 x Cambridge Type-A 8µF capacitor



Electrical Parameter:	Supply Voltage	CU....",	Power
	240 Volt	0.396 Amps	82.6 Watts ;

Test Method:

Testing was conducted in an ambient of 25°C at a supply voltage of 240V at 60Hz.

The luminaire was tested generally in accordance with the procedures given in AS 1680.3 - 1991, Measurement, calculation and presentation of photometric data".

Bare lamp and luminaire were tested with laboratory working ballast. The term "LOR" used in this report denotes the "Light Output Ratio Luminaire (LORL)" as defined in Clause 1.3.9 of Australian Standard AS 1680.3-1991.

The intensity values in this report are based on the lamp delivering a total of 1000 lumens. When using these values in calculation, the lamp manufacturer's rated total Luminous Flux (in Kilo-lumens) must be taken into account.

Result:

Light Output Ratio (LOR) is 0.73

IES format as per IESNA: LM-63-2002 on page 2-4

Photometric data is also provided in North American I.E.S. format as file: PH993.IES accompanying this report.

Tested By:

Muhammad Rahman

Acacia Products A12 Test Report

TEST REPORT: PH 993

IES File: PH993.IES

IESNA: LM-63-2002

[TEST1 PH993

[TESTLAB) VISI-TECH INT. LTD,

[HANUFAC) ACACIA FILTRATION SYSTEMS

(LUMCAT) PTBT236H

{LUMINAIRE:) DOWN LIGHT

{LAMPCAT) TLD 36W/840 SLV

[LAMP) 2X36 PHILIPS T8 FLUORESCENT LAMP

(ISSUE DATE) 03/02/2010

(LAMPPOSITION) 0,00 90.00

(BALLASTCAT) LLB EC36/40

(BALLAST) 2 X TRIDONIC ATCO LOW LOSS MAGNETIC BALLAST FOR 36/40W T8 FLUORESCENT LAMP

(OTHER) OPTICAL CONTROL BY ACACIA K12 REFRACTOR AND REFLECTOR

