

NOTES

1. DO NOT SCALE FROM THIS DRAWING. ALWAYS WORK FROM ANY DIMENSIONS GIVEN UPON THE DRAWING WITHIN THE NOTES AND SPECIFICATIONS. IF IN DOUBT ASK.
2. THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL ASSOCIATED SERVICES DRAWINGS, ARCHITECTS AND STRUCTURAL DRAWINGS TOGETHER WITH THE SCHEMATIC DRAWINGS AND MECHANICAL, ELECTRICAL AND SPRINKLER NIS SPECIFICATIONS.
3. ALL SERVICES INSTALLATIONS SHALL BE CO-ORDINATED AND FULLY INTEGRATED WITH THE MECHANICAL, ELECTRICAL AND SPRINKLER SERVICES,ARCHITECTURAL FEATURES, REFRIGERATION PLANT, STRUCTURAL ELEMENTS etc.
4. THE SUB CONTRACTOR SHALL FAMILIARISE THEMSELVES WITH THE ARCHITECTS DETAILS, MECHANICAL & ELECTRICAL SERVICES DETAILS, AND ALL ELEVATION DRAWINGS PRODUCED.

LEGEND

SpeedStar LED
BGP323 1 ECO-181-2S/657 A
167W, EconomyLine LED's 18,108Lm (5000K), with 42-60mm Side Entry Mounting, Finish Grey.
Dimensions 1020mm x 400mm x 130mm
Mounted on 8mtr Columns

BVP506 1x ECO151-2S/657 A GR
OptiFlood LED
142W LED (5700K) 15,100Lm Flood,Wall or Post Top Mounted .
Finish Grey.
Mounted on 8mtr Column or 6mtr off building.

Horizontal ILLUMINANCE LEVEL

Car Park
Average Horizontal Illuminance (E.av): 25 Lx
Minimum Horizontal Illuminance (E. min): 4.13 Lx
Uniformity Ratio (E.min / E.av): 0.167

Entrance Road
Average Horizontal Illuminance (E.av): 21Lx
Minimum Horizontal Illuminance (E. min): 5.58Lx
Uniformity Ratio (E.min / E.av): 0.26

Service Yard
Average Horizontal Illuminance (E.av): 47Lx
Minimum Horizontal Illuminance (E. min): 13Lx
Uniformity Ratio (E.min / E.av): 0.28

Service Access Road
Average Horizontal Illuminance (E.av): 32Lx
Minimum Horizontal Illuminance (E. min): 13Lx
Uniformity Ratio (E.min / E.av): 0.139

Grid Intervals 5m
Grid Values in Lux
Contours Values 5,2 & 1 Lux

Maintenance Factor: 0.85
Location: Medium Pollution
Cleaning Intervals: 12 Months

DIALux

ASDA West Worthing (Car Park 8mtr)
1 11 × PHILIPS OptiFlood LED BVP506 1xECO151-2S/657 A (12533 lm) 142.0 W) 1x(user defined)
2 44 × PHILIPS Speedstar BGP323 1xECO181-2S 657 A (15573 lm) 167.0 W) 1xECO181-2S 657)

Isolines
1.0 lx
2.0 lx
5.0 lx

Rev	Drawing Revision	Drawn	Checked	Date
A	UPDATED TO SUIT NEW LIGHTING LAYOUT.	KDT	PGC	APRIL'12

Status: INFORMATION

ESP part of riley consulting
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Client: ASDA part of the WAL*MART family

Job Title: WEST WORTHING NEW STORE

Drawing Title: EXTERNAL LIGHTING ILLUMINANCE PLOT

Drawing Number:	Revision:
2451/E/100	A

Designed: MC | Cad: MC | Checked By: MC
Date: JAN'12 | Scale: 1:200 (A0)

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ARUN DISTRICT COUNCIL 01/2012