



**LIGHTING EQUIPMENT**

2 x 6m Columns Carrying the following Apollo LED Lantems

C1 - C2 ..... 1 x AL868 / 120 / A3 / 3K

Bracket: +5° / Spigot: +5° / Lantem: 0°

7 x Wall Mounted Veta LED Bulhead Lantem

W1 - W7 ..... 1 x AL868 / 120 / A3 / 3K

Mounted at 3m high

**ILLUMINANCE LEVEL**

**Car park**

Average horizontal illuminance (E<sub>h,ave</sub>): 20 lx

Minimum horizontal illuminance (E<sub>h,min</sub>): 5 lx

Uniformity ratio (E<sub>h,min</sub>/E<sub>h,ave</sub>): 0.25

**Path around the building**

Average horizontal illuminance (E<sub>h,ave</sub>): 21 lx

Minimum horizontal illuminance (E<sub>h,min</sub>): 9 lx

Uniformity ratio (E<sub>h,min</sub>/E<sub>h,ave</sub>): 0.43

Grid values in lux

Grid intervals: 3m, 1m

Contour values in lux

Maintenance factor: 0.9

Location: Medium pollution

Typical LED life time: 50,000h

**NOTE:**

1. Fitting positions and suitability should be checked prior to

2. Scheme develop based upon a flat and open area, where

shadowing from building, plants and equipment have not been

taken into consideration.

P1		PRELIMINARY ISSUE		29.04.16		RJ	PM	PM
Rev.		Revision note		Date		Rev.	Rev.	Rev.
DRAWING TITLE		EXTERNAL LIGHTING LAYOUT						
PROJECT		HBV - BUXTON						
CLIENT		HB VILLAGES						
SCALE		1:200 (A1)		DATE		29.04.16		REV.
DRAWING		RJ		PM		ECC-0110-M600		P1

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