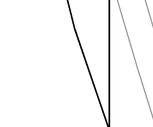
LIGHTING DESIGNED TO IS13201:2015 CLASS P4

Grid 1
Results – Horizontal Illuminance (lux)
Eav= 7.50
Emin= 2.23
Emax= 21.19
Emin/Emax= 0.11
Emin/Eav= 0.30
Emax/Eav= 2.82

125 LV — 125mm red pvc ducting for lv power ev chargers

50mm LV — 50mm red pvc ducting for lv power ev chargers

100mm PL — 100mm red pvc ducting for site lighting cabling



Pedestal type EV charger with dual type 2 Menneke sockets. Charger to be fitted with RFID and mobile phone app access and be OCPP V1.6 compliant.

EV mini pillar

Cable Access Chamber

Key

Luminaire A Column

Luminaire B Column

Grid 1
Results – Horizontal Illuminance (lux)
Eav= 7.50
Emin= 2.23
Emax= 21.19
Emin/Emax= 0.11
Emin/Eav= 0.30
Emax/Eav= 2.82

Luminaire Data
Luminaire A Thorn AVENUE F2 on 6m column
18LED 500mA RS optic Lamp LED 3000K CRI 70 MF 0.76

Luminaire B: Thorn PIAZZA 3 wall mounted LED 9-16-27 827-830-840 HF ANT E3 Lamp PIA3_H4K_HF_E3 23C6W MF 0.76

A1

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PLANNING PERMISSION

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PROJECT

BAKERS HALL
STUDENT ACCOMODATION

DRAWING TITLE

ELECTRICAL SERVICES
SITE LIGHTING AND EV CHARGER LAYOUT

DRAWN	SCALE	JOB NO. 25K149	
RM	1:200	DRAWING No. E-1000	REV P6
CHECKED RM	DATE JAN 2026		