

CALCULATION RESULTS**MUGA OFF****PUPIL ENTRANCE & ACCESS**

AVERAGE: 17.81 LUX
MAXIMUM: 57 LUX
MINIMUM: 6 LUX
UNIFORMITY: 0.34

VISITOR ENTRANCE & ACCESS

AVERAGE: 34.25 LUX
MAXIMUM: 51 LUX
MINIMUM: 17.6 LUX
UNIFORMITY: 0.51

NEW BUILD NORTH ENTRANCE

AVERAGE: 30.09 LUX
MAXIMUM: 47.7 LUX
MINIMUM: 15.1 LUX
UNIFORMITY: 0.5

DISABLED CAR PARK & ACCESS ROAD

AVERAGE: 28.15 LUX
MAXIMUM: 51 LUX
MINIMUM: 13 LUX
UNIFORMITY: 0.46

MAIN CAR PARK

AVERAGE: 18.96 LUX
MAXIMUM: 39 LUX
MINIMUM: 8 LUX
UNIFORMITY: 0.42

MULTI USE GAMES AREA (MUGA)

AVERAGE: 3.39 LUX
MAXIMUM: 16 LUX
MINIMUM: 0 LUX
UNIFORMITY: 0

NEW BUILD PERIMETER

AVERAGE: 22.91 LUX
MAXIMUM: 51.9 LUX
MINIMUM: 6.2 LUX
UNIFORMITY: 0.27

EXISTING BUILDING PERIMETER NORTH EAST

AVERAGE: 23.88 LUX
MAXIMUM: 62.9 LUX
MINIMUM: 5.7 LUX
UNIFORMITY: 0.24

EXISTING BUILDING PERIMETER NORTH WEST

AVERAGE: 23.40 LUX
MAXIMUM: 49.5 LUX
MINIMUM: 6.6 LUX
UNIFORMITY: 0.28

EXISTING BUILDING PERIMETER SOUTH

AVERAGE: 36.02 LUX
MAXIMUM: 64.6 LUX
MINIMUM: 9.4 LUX
UNIFORMITY: 0.26

RESULTS DISPLAYED HERE

ARE CALCULATED WITH ALL LUMINAIRES, INCLUDING MUGA LIGHTING, SWITCHED ON.

CALCULATION RESULTS**MUGA ON****PUPIL ENTRANCE & ACCESS**

AVERAGE: 17.89 LUX
MAXIMUM: 57 LUX
MINIMUM: 6 LUX
UNIFORMITY: 0.34

VISITOR ENTRANCE & ACCESS

AVERAGE: 34.75 LUX
MAXIMUM: 50.4 LUX
MINIMUM: 17.6 LUX
UNIFORMITY: 0.51

NEW BUILD NORTH ENTRANCE

AVERAGE: 30.19 LUX
MAXIMUM: 47.7 LUX
MINIMUM: 15.2 LUX
UNIFORMITY: 0.5

DISABLED CAR PARK & ACCESS ROAD

AVERAGE: 35.21 LUX
MAXIMUM: 147 LUX
MINIMUM: 19 LUX
UNIFORMITY: 0.36

MAIN CAR PARK

AVERAGE: 35.4 LUX
MAXIMUM: 176 LUX
MINIMUM: 9 LUX
UNIFORMITY: 0.25

MULTI USE GAMES AREA (MUGA)

AVERAGE: 201.33 LUX
MAXIMUM: 254 LUX
MINIMUM: 133 LUX
UNIFORMITY: 0.66

NEW BUILD PERIMETER

AVERAGE: 22.96 LUX
MAXIMUM: 52.2 LUX
MINIMUM: 6.2 LUX
UNIFORMITY: 0.27

EXISTING BUILDING PERIMETER NORTH EAST

AVERAGE: 36.87 LUX
MAXIMUM: 92.2 LUX
MINIMUM: 9.9 LUX
UNIFORMITY: 0.25

EXISTING BUILDING PERIMETER NORTH WEST

AVERAGE: 28.17 LUX
MAXIMUM: 55.5 LUX
MINIMUM: 11.4 LUX
UNIFORMITY: 0.40

EXISTING BUILDING PERIMETER SOUTH

AVERAGE: 36.06 LUX
MAXIMUM: 64.6 LUX
MINIMUM: 9.4 LUX
UNIFORMITY: 0.26

P01 19052021 LANDSCAPE DRAWING UPDATED KM VS
P02 26/04/2021 CLIENT COMMENTS INCORPORATED KM VS
P03 26/04/2021 DRAFT ISSUE KM VS
P04 DATE DISPATCHED P VS

couchperrywilkes®
engineering change

Northgate 14401112000248
Hedgerow 14401112000400
Beechwood 14401112000201
Leisure 14401112000200
Monkton 14401112000200

Stage 2 APR 21 KM VS

PRELIMINARY

GALLIFORD TRY

CORNERSTONE SCHOOL

EXTERNAL LIGHTING LAYOUT

1:200 APR 21 KM VS

P05 D Digital Video L Light R Road E Earth N Neutral S Surface P Power

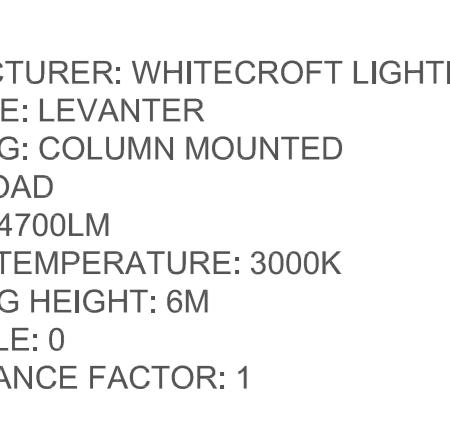
CSS-CPW-ZZ-XX-DR-E-2101 S3 P03

LIGHTING LEGEND

EX1
MANUFACTURER: ABACUS LIGHTING
LUMINAIRE: VELA LED FLOODLIGHT
MOUNTING: COLUMN MOUNTED
OPTIC: MEDIUM BEAM
OUTPUT: 41428LM
COLOUR TEMPERATURE: 4000K
MOUNTING HEIGHT: 10M
TILT ANGLE: 0
MAINTENANCE FACTOR: 1



EX2
MANUFACTURER: WHITWCROFT LIGHTING
LUMINAIRE: LEVANTER
MOUNTING: COLUMN MOUNTED
OPTIC: ROAD
OUTPUT: 2952LM
COLOUR TEMPERATURE: 3000K
MOUNTING HEIGHT: 6M
TILT ANGLE: 0
MAINTENANCE FACTOR: 1



EX3

MANUFACTURER: WHITWCROFT LIGHTING
LUMINAIRE: LEVANTER
MOUNTING: COLUMN MOUNTED
OPTIC: ROAD
OUTPUT: 4700LM
COLOUR TEMPERATURE: 3000K
MOUNTING HEIGHT: 6M
TILT ANGLE: 0
MAINTENANCE FACTOR: 1



EX5

MANUFACTURER: WHITWCROFT LIGHTING
LUMINAIRE: LEVANTER
MOUNTING: COLUMN MOUNTED
OPTIC: SIDE FLOOD
OUTPUT: 4288LM
COLOUR TEMPERATURE: 3000K
MOUNTING HEIGHT: 6M
TILT ANGLE: 0
MAINTENANCE FACTOR: 1



EX6

MANUFACTURER: WHITWCROFT LIGHTING

LUMINAIRE: LEVANTER

MOUNTING: COLUMN MOUNTED

OPTIC: NARROW CYCLE

OUTPUT: 3011LM

COLOUR TEMPERATURE: 3000K

MOUNTING HEIGHT: 6M

TILT ANGLE: 0

MAINTENANCE FACTOR: 1



EX4

MANUFACTURER: WHITWCROFT LIGHTING

LUMINAIRE: SPECTRE WX

MOUNTING: BUILDING MOUNTED

OPTIC: N/A

OUTPUT: 1119LM

COLOUR TEMPERATURE: 3000K

MOUNTING HEIGHT: 3M

MAINTENANCE FACTOR: 1



EX7

MANUFACTURER: WHITWCROFT LIGHTING

LUMINAIRE: AXL EXTREME

MOUNTING: SURFACE MOUNTED

OPTIC: N/A

OUTPUT: 2023LM

COLOUR TEMPERATURE: 4000K

MOUNTING HEIGHT: 2.5M

MAINTENANCE FACTOR: 1