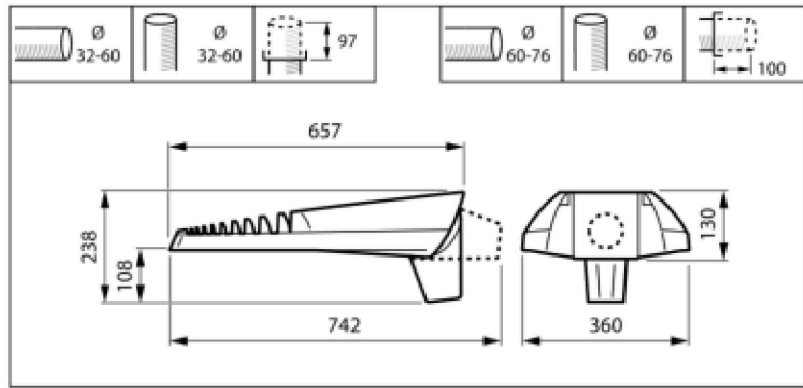




Luma gen2 Lighting Fitting



Photometric Data



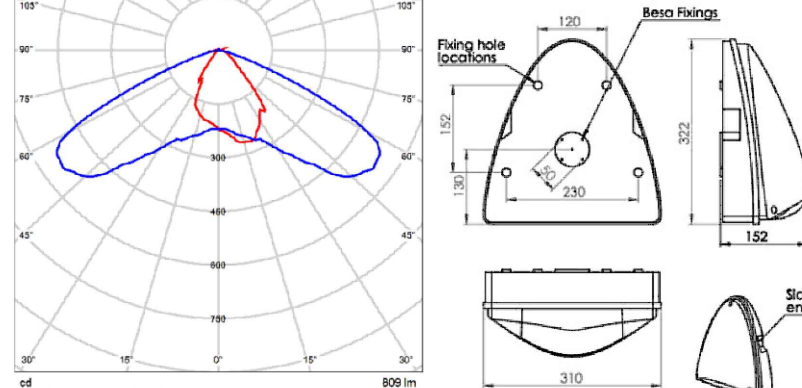
Dimensional Drawing



Luma gen2 Lighting Fitting



Photometric Data



Dimensional Drawing

Dextra Opus Wallpack - IP65, 7.7W, 809lm, 3000K (Warm Lighting),
LED Luminaire
Model No: OPUWP L10 AS

Legend

P1

IP66, 91W, 10920lm, 3000K (Warm Lighting), Electronic gear, Dimmable LED Luminaire posted on 8m column
Model No: Philips - BGP704 LW10
LED120-4S/830 DM11 GF CTGO

W1

IP65, 7.7W, 809lm, 3000K (Warm Lighting), LED Luminaire Mounted Above 4m from Ground Level.
Model No: Dextra OPUWP L10 AS

Ruane Construction Design And Consultancy Ltd
International House
6 Canterbury Crescent
London
SW9 7QD



CDM Regulations:

In addition to any information included in this drawing, refer also to the project CDM Risk Register for information on residual risks.

General Notes:

- This drawing should be reviewed alongside all other relevant design information.
- Do not scale from drawing.
- All relevant regulations, building standards and industry best practice are to be applied.
- Any drafting errors and differences between other drawings and specifications shall be brought to the attention of RCDC.

Drawing Specific Notes:

- This drawing must be read in conjunction with the M&E services specifications, contract drawings, and distribution board schedules.
- Do not scale from this drawing; all dimensions are to be verified on site.
- The electrical installation shall comply fully with the IET Wiring Regulations, BS 7671:2018 (18th Edition, with amendments).
- The exact locations of light fittings shall be co-ordinated and agreed with the Architect prior to installation. Reference shall be made to the Landscape Architect's drawings.
- All lights proposed is directed downwards any potential observers. No light that shines above the horizontal line of the light, avoiding light spillage.
- Lighting scheme would be turned off when not needed (part-night lighting). Lighting fittings are equipped with smartscan control, with photocell and presence detector, to reduce any potential adverse effect.
- All luminaires used are to be in line with the WBC lighting standards. For full details, please refer to ERs documentation.
- Pole mounted lights to be provided with low level guard rails to reduce risk of vehicle impact with lamp posts.
- The concrete bases shall be of a size large enough to accommodate the base plate of the post or column and shall be in accordance with the post or column manufacturer's recommendations.
- All services to be installed as per latest NUJG standards.
- All electrical services and ducting to be installed in accordance with Street Works UK Guidance.

Table 1: Street Lighting Columns – Suggested Column Heights & Lantern Combinations

Approx. full Carriageway Width (does not include adjacent footpath or verge)	Residential Roads	Estate Distributor Roads	Main Traffic Routes
5 to 6m	5m + Type A lantern	5m + Type A lantern	6m
6 to 7m	6m + Type B lantern	6m + Type B lantern	8m + Type C lantern
7 to 9 m	6m + Type B Lantern	8m + Type C lantern	10m + Type D lantern
Dual Carriageways	Not normally applicable	10m + Type D lantern	12m + Type E lantern

Table 2: Street Lighting Columns - Column and Bracket Specifications

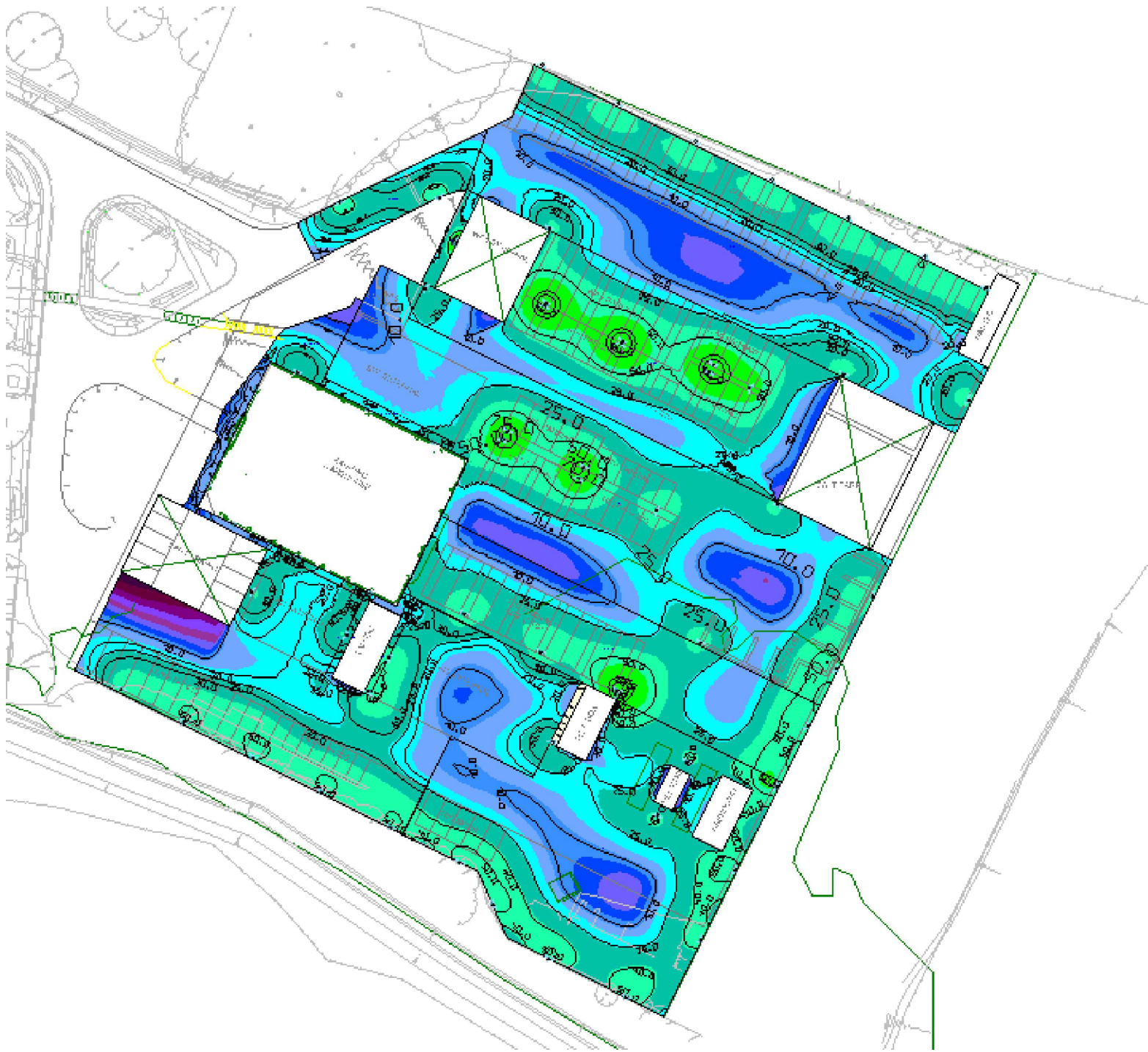
Column Height	Tower Wagon Access / Safety	Column Type	Outreach Bracket
8m	Good	Aluminium Lighting Company "Conical" tubular aluminium column. Column to be suitable to support "Class B" signage.	Lantern to be post top mounted unless otherwise specified. Where a bracket is required then the column shall be fitted with an Aluminium Lighting Company detachable straight aluminium bracket with no uplift. Bracket normally 1.0m projection unless otherwise specified.
	Poor	To be confirmed	To be confirmed

Table 4 - Controls

Application	Control Type	Lux Setting
Street Light	Telensa 5-pin NEMA Telecell with integral Telensa Dimming Module (DALI standard) and GPS positioning	Remotely controlled

Lighting Calculation

	Target Illumination	Average Illumination from Calculation
Pedestrian Only Areas	5 Lux Average	19 Lux Average
Parking Areas/ Moving Vehicles	10 Lux Average	30.26 Lux Average



For the LAN Parking Space details refer to drawing "TD2-RCDC-03-GF-DR-E-6304 Covered Area Electrical Services Layout

For the Warehouse details refer to drawing "TD2-RCDC-03-GF-DR-E-6303 - Warehouse Electrical Services Layout"

For the Waste Covered Store details refer to drawing "TD2-RCDC-03-GF-DR-E-6304 - Covered Area Electrical Services Layout

For the Salt Barn details refer to drawing "TD2-RCDC-03-GF-DR-E-6304 - Covered Area Electrical Services Layout

T01 Tender Issue CV TR VR 16.02.26

Rev Revision Purpose Drwn Chkd Vrfd Date

Revision History

Project Name:

Client:
Wokingham Borough Council

Architect:
HLM Architects

Services:
Electrical

Drawing Title:
External Lighting Layout

Project No: 2236 Drawing Status: S4 Scale @A1: 1:500

Drawing Reference:
TD2-RCDC-03-GF-DR-E-6302