

Technical Submission Document Form



Main Contractor	Encon Construction Ltd		
Project	Park Street, Glyncorrwg	Submission No.	C0106/09 Rev -
Description of Submission	Rear Flood Light	Contract No.	C106
To	Mr Carl Nicholas Mr Paul Clark	cc.	☐ M&E Consultant ☒ Main Contractor ☐ Architect ☐ Other (define) ☐ Structural Engineer

COMMENT OF THE FOLLOWING DOCUMENT IS REQUIRED

Equipment Specifying Schedule	Rear Flood Light	Builder's Work Requirements
Manufacturer's Data		Assembly / Installation Details
Design Check Calculations		O & M Manuals
Certified Performance Data		Reports

Additional Submission Details

Signed (Originator)	L M Turner	Date Issued 3 rd Nov 2020	Date Comments Required
Checked and approved before submission by Originator			

STATUS OF THE ABOVE

☐	Status A = No comment, can be incorporated into the scheme
☐	Status B = Minor discrepancies found as listed below. Submission can be incorporated
☐	Status C = Submission unacceptable (as listed below), Resubmission required

Comments on submission

Signed	L M Turner	Position	Managing Director	Date	3 rd November 2020
Name	Lee Turner	Representing	Tollgate Engineering Services Ltd		

REVIEW

Comment

Signed		Date	
Name			

CC ☐ Contract Manager ☐ M&E Design Co-ord / Manager ☐ Surveyor ☐ M&E S/C / Originator

This document does not constitute authority to proceed with a variation to the contract. Confirmation on issues to do with costs must be sought from the respective T E S Surveyor

TES 051

External Light rear

Black 10watt LED flood light switched only version

OUTDOOR

ROBUS®

REMY LED 10W, 20W, 30W, 50W, IP65 FLOODLIGHTS,
BLACK, WHITE, 3,000K AND 4,000K, STANDARD AND PIR

This superb range of LED flood lights provide energy saving solutions for a range of applications in domestic or non-domestic installations. Attractive slim, rounded aesthetics and high quality materials ensure that these fittings will always look good and contribute to achieving the carbon savings we are obliged to meet



Applications:

- Church halls
- Garages, Workshops & Industrial units
- Loading areas
- Work-stations
- Show room features & Exhibition stands
- Decking areas & Garden features
- Drives & Paths
- Sign illumination

Construction:

- Moulded polycarbonate bezel
- Tempered glass frosted diffuser
- Die cast aluminium body (10W is all polycarbonate)
- Galvanised mounting bracket
- Stainless steel external fixings

Features and Benefits:

- The Remy is an extensive range of flood lights **from 10W to 50W**. This means that almost any small to medium size application can be catered for with the lumen packages in this range
- High quality polycarbonate and aluminium materials are used to ensure the fitting looks good for years to come
- The slim contoured body design is available in a choice of **White or Black** to match or contrast the building finish
- A tempered glass frosted diffuser is used to provide **Low Glare** and uniform light coverage of the area
- Having a beam angle of 100 degrees ensures that a good spectrum of the area is well lit for visibility for vehicle or pedestrian access
- **PIR** versions are available in many lumen packages for energy saving to ensure lighting is only when required and has:
 - Adjustable sensitivity so the detection zone can be trimmed to avoid passers-by triggering lights on
 - Time off delay selection
 - Lux level switching point for dusk to dawn operation
 - Manual over-ride functionality is also included so light will be available for up to 8 hours before reverting back to automatic
- A **pre-drilled angled** stirrup mounting bracket allows the position of mounting holes to be marked, drilled and the fitting fixed to the surface without removing the bracket from the fitting
- An IP65 **pre-glanded termination box** on the rear of the fitting allows the installer to use a single bspoke cable length from the floodlight to the upstream connection point
- The Remy range utilises **high quality, long life** surface mount SMD LED's mounted on a circular PCB gear tray to provide:
 - High light output, low power consumption and high efficacy for large energy savings with short payback periods
 - Low lumen & CCT depreciation for consistent light and colour over life
 - A long Rated LED life without annoying and often inconvenient lamp changes
- The Remy LED's are **Solid State** with no heat filaments, electrodes or seals and have no cool down or warm up time so:
 - Are rugged and will not fail through vibration or hot to cold temperature changes for huge maintenance cost savings
 - Can be used in conjunction with presence detectors to provide "instant on/off" for additional energy savings without detriment to LED life as is the case with traditional light sources
 - They can be operated 24/7 if required for lighting of installations without natural light