

Dear Mr Fennell

Re: Carshalton Tennis Club - Lighting and Electrical Works

Thank you for the opportunity to provide a quotation, please see the following:

Upgrade existing lighting system to LED luminaires:

Courts 1 & 2 (Nearest Car Park):

Install a replacement LED lighting system to Two Tennis courts as follows:

1. Make safe, disconnect remove and dispose of redundant luminaires and control gear.
2. 10 x HiLux Match Slim LED Luminaires (Green RAL6005)
3. 10 x Fully shielded deflectors
4. Modifications/additions to existing top arm brackets as required
5. Existing columns to be re-used.
6. Existing Lighting distribution board to be modified as necessary.
7. Existing cabling system to be utilised.
8. Existing control system to be utilised.
9. Testing & commissioning to BS7671.

Please note the following items are required to be carried out by the Tennis Club;

1. Provide 2 parking spaces.
2. Provide toilet / hand washing facility & all welfare facilities as required by CDM.

Cost as per our specification above (HiLux Match LED luminaires):



Courts 4 & 5 (Middle Block of Two):

Install a replacement LED lighting system to Two Tennis courts as follows:

1. Make safe, disconnect remove and dispose of redundant luminaires and control gear.
2. 10 x HiLux Match Slim LED Luminaires (Green RAL6005)
3. 10 x Fully shielded deflectors
4. Modifications/additions to existing top arm brackets as required
5. Existing columns to be re-used.
6. Existing Lighting distribution board to be modified as necessary.
7. Existing cabling system to be utilised.
8. Existing control system to be utilised.
9. Testing & commissioning to BS7671.

Please note the following items are required to be carried out by the Tennis Club;

3. Provide 2 parking spaces.
4. Provide toilet / hand washing facility & all welfare facilities as required by CDM.

Cost as per our specification above (HiLux Match LED luminaires):



Courts 1, 2, 4 & 5 as a continuous Project:



Warranty - 5 Year limited warranty on HiLux LED luminaires.

Note - Callouts under warranty cover the HiLux Match LED luminaires only, should a fault be found to be on the existing equipment, the callout will be chargeable + any parts replaced.

I look forward to hearing from you.

Yours sincerely,

Matthew Haskins
(Design Manager)

Luminance Pro Lighting Systems Ltd Standard Terms of Contract

1.1 Price

This price is submitted on a fixed price basis for 60 days and is subject to receipt of order 5 weeks prior to commencing, instructions and our conditions within this period.

The tender price shall however, be subject to adjustment to meet any fluctuations in cost arising from Government Orders, Regulations or other legislation occurring between the date of tender and the completion of work.

Stage payments – will be required for completed works as per the tender sum analysis. Retention payments due 12 months after practical completion must be paid within 30 days of that date.

LPLS is VAT registered, any costs provided will be subject to VAT at 20.0% where applicable or the percentage ruling at that time.

1.2 Payment

The *Late Payments of Commercial Debts (Interest) Act 1998* will be applied as necessary.

Luminance Pro Lighting Systems reserve the right to carry out enquiries in relation to credit worthiness before accepting any order or contract. If such enquiries reveal information which is considered unsatisfactory we reserve the right to withdraw our offer, or seek alternative means of financial security.

Contract costs are based on zero retention monies being held unless otherwise requested, stated and agreed in writing by both parties.

The lights will not be energised until a minimum of 50% of the project value has been invoiced and paid in full.

If invoices are not paid within accepted timescales we reserve the right to visit site and disable the lamps. The Buyer or any other party does not have the right to use the equipment or any part until payment of all sums owing to the seller are paid in full.

1.3 Retention of title / risk

The seller remains the owner of the goods until the price and all other sums owing by the buyer to the seller are paid in full.

The Goods are at the risk of the Buyer from the time of delivery.

1.4 Lamp Warranty

Lamps replacement is part of routine maintenance, lamp failures are due to wear & tear, acceptable failure and usage by the Client.

12 months warranty will be provided on lamps. Replacement lamps within this period will be supplied free of charge, however fitting will be the responsibility of the customer.

1.5 Usable Lamp Life

Metal Halide lamps - the manufacturers expected lamp life exceeds 2500 hours in ideal use and switching. In sports environments the increased switching reduces lamp life, we recommend all lamps to be replaced after 1500 - 2500 hours as the lumen output drops off considerably and a percentage of lamps will start to fail.

Sodium lamps - the manufacturers expected lamp life exceeds 5000 hours in ideal use and switching. In sports environments the increased switching reduces lamp life, we recommend all lamps to be replaced after 3000 - 5000 hours as the lumen output drops off considerably and a percentage of lamps will start to fail.

1.6 Luminaire colour

Luminaires are untreated natural silver finish unless otherwise stated.

1.7 Access

Before we can install our columns you will need to set out kerb lines & establish levels. Provide routes clear of obstructions or building materials.

Costs assume clear unobstructed access to column positions for any plant or personnel. Soil condition must be in a suitable state and able to withstand loadings of plant.

1.8 Main Intake/Electrical Supply

Unless stated otherwise in the Employers Requirement it is assumed that any mains supply will be a 400v TP & N capable of supplying voltage at the lighting DB with a minimum volt drop (<1.5%) under full load. It is assumed an supply will be provided with a suitable CPC conductor providing an Earth Facility of 0.3 ohms or less.

Unless stated otherwise we will not carry out any liaison with the electricity utility company, the electricity supplier or the meter installation company. Attendance at connection will be provided, during the scope of the contract. A return visit for attendance may incur additional cost.

We do not accept any responsibility for the electricity utility company, the electricity supplier and the meter installation company to provide connection or energising dates within the contract period. No claims for any damages will be accepted should any such dates fall outside the contract period or hold up any part of the works.

1.9 Submain

When a submain is provided this must be afforded by a device with type 'D' characteristic or equivalent. Characteristics of a submain must be equal to that detailed under item 1.6. Unless stated otherwise in the ER document it is assumed that any required switchfuse will supplied and installed by the Client.

Maximum termination into our 4 pole main switch is 50mm copper cables, ECC normally 16mm but we will accommodate any earth conductor size equal to the phase conductor if informed prior to installation.

Larger phase conductors can be accommodated however this will incur additional cost and early notification of this is essential.

1.10 Electrical Services

It is the client's responsibility to ensure that any existing electrical installation, including bonding, meets current British Standards. A copy of the latest Periodic Inspection Certificate should be provided. If an installation fails to comply with British Standards, regulations may force the additional facility to remain inoperable until such standards are reached.

Prior to commencement of works onsite, provide drawings from the utility companies detailing any existing underground services.

Provide record drawings for the site detailing all other underground services and cables.

Where drawings are provided for services, it will be assumed installation is at the recognised recommended depth appropriate for the service. No responsibility will be accepted for damage to any service not installed at such a depth.

Where suitable records are not available, the Client, at their own cost, will undertake investigations/surveys to locate positions and depths, then provide suitable location drawings.

All costs are based on no existing under or overground services, where any such services exist in the site area, an extra over charge may have to be applied.

No liability will be accepted for any service charges, standing charges, electricity usage or any other associated costs during the contract and/or testing period.

1.11 Electrical Standards

All associated electrical works shall be carried out to current wiring regulations and N.I.C E.I.C. standards

1.12 Cable Lengths

Length of cables is based on drawings supplied. If inaccuracy of drawings is considered to great, an extra over cost will be required

Cables will be laid in trenches in fine/soft ground which must be free of sharp stones and/or rocks. Should alternative bedding and cover (typically sand) be required, this will be an extra over cost.

1.13 Small power sockets

When ordered, electrical appliance/small power sockets will be installed adjacent to the lighting DB or if specified on a column(s), at the column(s) closest to the lighting DB.

1.14 Ducting

Where the Employers Requirement requires use of existing ducting and/or drawpits this assumes the system is useable. A visual inspection will not clarify whether the existing system is suitable for purpose, a thorough survey will be undertaken during installation. It will not be possible to use unsuitable ducting, an extra over cost may be required to provide a suitable containment method.

1.15 Site Conditions

Our costs are based on works carried out on and during safe site conditions, with suitable firm ground to access all areas of our work. Weather or ground conditions may prevent us from carrying out our work efficiently and/or safely, should this occur we reserve the right to make additional charges or supply notification of delay and withdraw from site until conditions become acceptable.

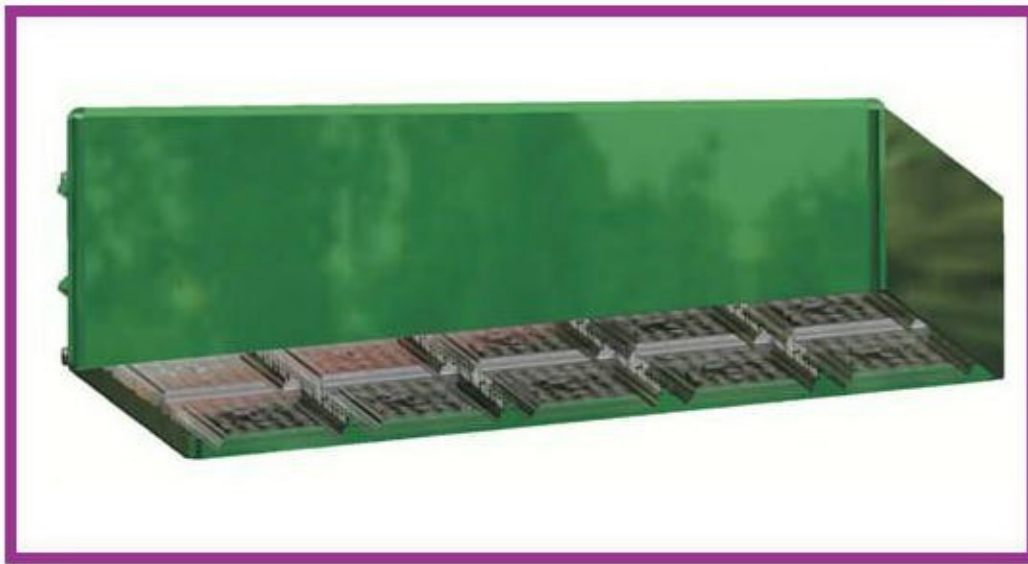
Before we can lay our cables you will need to set out kerb lines, establish levels where elements are yet to be constructed and provide routes clear of obstructions or building materials.

1.16 Groundworks

Costs are based on excavations in soft dig only with excess soil distributed onsite. Costs to trench through areas of hardcore, stone/rock, bedrock, concrete and non-disclosed underground services are excluded.

1.17 User Manuals

One user manual will be issued to the Client unless stated otherwise. Additional copies are available at a fee.



HiLux[®]

Match[®] Slim

LED

The Match Slim LED is a new generation of HiLux high performance luminaires designed for use in sports lighting.

Match Slim LED

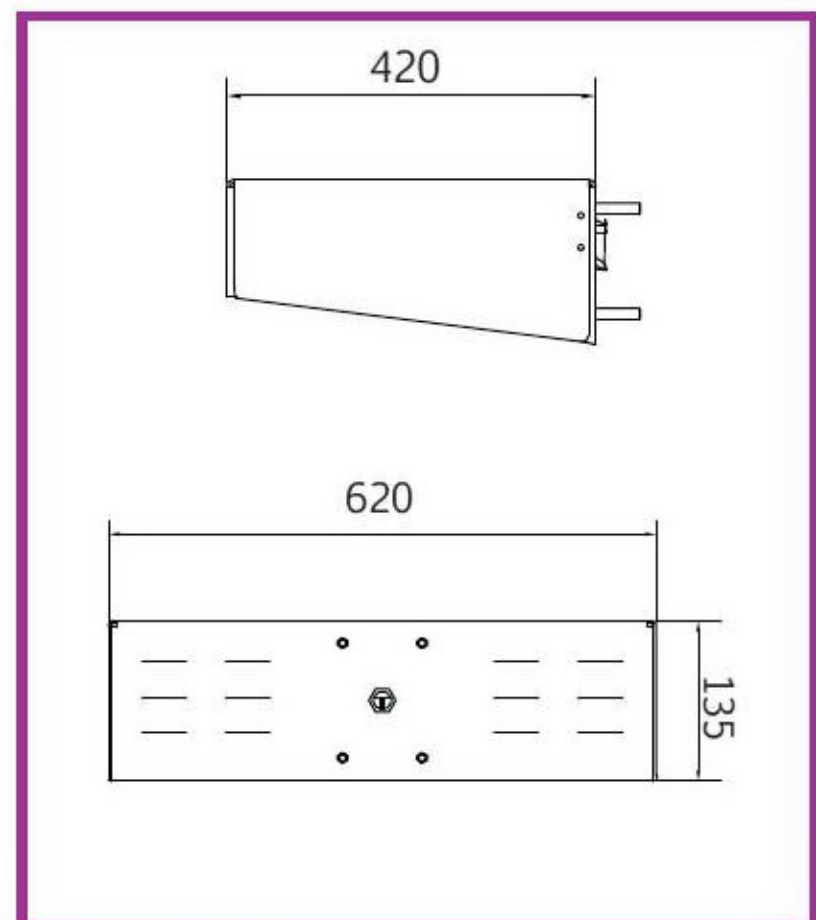
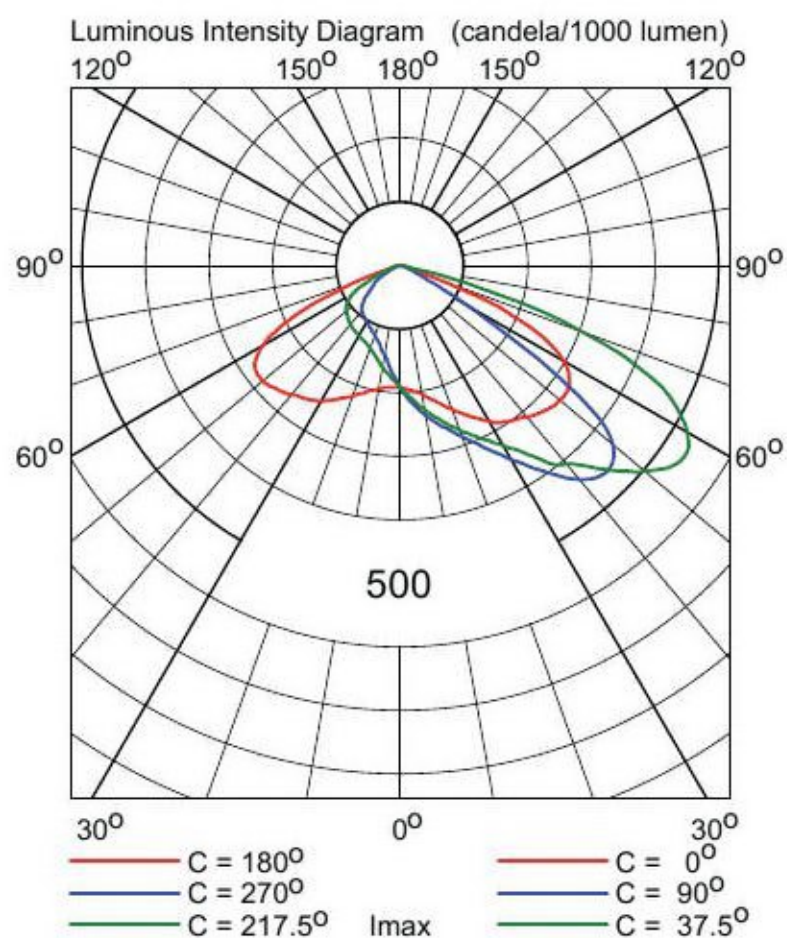
Box quantity	1
Net Weight	13.5 - 19.5kg
Body colour (standard)	RAL6005
Optic	Standard**
IP rating	IP68
Windage	0.035m ²
Mounting method	4 x M10 factory fitted

Lamp type	LED
Luminaire power	300W - 600W
Lamp colour	5000 K
Supply voltage	230v

- ✓ LED low energy lighting
- ✓ Exceptional light control
- ✓ Designed for outdoor sports lighting
- ✓ Lightweight aluminium body
- ✓ Stainless steel components
- ✓ Computer designed optics
- ✓ Heavy duty mounting
- ✓ IP68 ingress protection for main elements
- ✓ Powder coat finish (RAL 6005) Green
- ✓ 5 year limited warranty via direct install*
- ✓ 5 & 10 year onsite extended warranty available*

Product code:
MATCH-SLIM/LED

Options
/C - Alternative colour finish



* Conditions apply
** Various optics available

luminance pro
lighting systems

Tel: +44 (0)1276 855 666 info@luminancepro.co.uk
Fax: +44 (0)1276 855 999 www.luminancepro.co.uk

HiLux Match LED – 360 Deflector



HiLux Match Slim LED





why use an approved contractor?

About 12,500 fires a year are reported as having an electrical source, which includes faulty or inadequate wiring.

Cables, switches, socket-outlets and other equipment deteriorate with prolonged use, so they all need to be checked and necessary replacements or repairs made in good time.

Our aim is to protect everyone who uses electricity from unsafe electrical installations in their homes, places of work and leisure. In order to achieve this, we maintain a register (Roll) of electrical contractors that we have assessed as complying with the Council's rules. The assessment covers a representative sample of the contractors' electrical work, their premises and documentation, and the competence of their key supervisory staff. Once contractors become NICEIC Approved Electrical Contractors, they are re-assessed every year by one of the Council's Area Engineers to confirm that their business and the technical standard of their electrical work continue to comply with the Council's rules.

Enrolment with the NICEIC is voluntary, but electrical contractors that are competent and conscientious about the service they offer customers would consider it a priority to enrol.

There are more than 10,500 Approved Contractors on the Roll, covering the whole of the UK, including Northern Ireland. This means that you're sure to have a choice of Approved Contractors operating in your area. You can find an Approved Contractor by searching the **Roll of Approved Contractors** by postcode.

It is imperative that electrical work is carried out only by those with the necessary knowledge, skill and experience of the type of electrical work to be undertaken to enable them to avoid the dangers to themselves and others that electricity can create. It's easy to make an electrical circuit work - it's far more demanding to make the circuit work safely. Safety for you in your home is paramount; therefore the NICEIC strongly recommends that you choose an Approved Contractor to carry out your electrical work.

As a further guarantee of good work, all NICEIC Approved Contractors must issue certificates for all work carried out in accordance with the national standard **BS 7671**, Our **Certificates** page gives more details.

In the rare cases where a consumer is not satisfied with the technical standard of an Approved Contractor's electrical work, the NICEIC offers a complaints resolution service. The NICEIC expects its Approved Contractors to provide quality services to customers so, subject to certain limitations and conditions, we endeavour to resolve all complaints about the technical standard of their work. If a customer and an Approved Contractor are unable to resolve an alleged deficiency in the technical standard of electrical work, the customer can make a formal complaint to the NICEIC. All complaints falling within the scope of the NICEIC complaints procedure will be investigated and where a complaint is substantiated, the deficiency will be rectified at no additional cost to you. See our **Complaints** section for more details.

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guarantee of standards

The NICEIC expects its Approved Contractors to provide quality services to customers so, subject to certain limitations and conditions, we endeavour to resolve all complaints about the technical standard of their electrical work.

If a customer and an Approved Contractor are unable to resolve an alleged deficiency in the technical standard of electrical work, the customer can make a formal complaint to the NICEIC. See our **Complaints** page for the procedure.

If an Approved Contractor does not undertake the required remedial work, The NICEIC **Guarantee of Standards Scheme** ensures it will be done by another Approved Contractor, at no cost to the consumer.

The Scheme applies to:

- completed electrical installation work ie: work for which an Electrical Installation Certificate has been issued.
- the safety and standard of workmanship of any electrical installation that is the subject of a complaint by the client or user of the installation.
- the 12-month period from the date the installation was put into service, or from the date the 'inspection and test' section of the Electrical Installation Certificate for the work was signed, whichever expires first.

The Scheme does not apply to:

- the work of Approved Contractors covered by a Trade Association Guarantee.
- contracts under which the customer is indemnified by an insurance or other bond.
- work carried out by Approved Contractors that have closed their businesses and/or gone into liquidation. This is considered a commercial risk against which specifiers and consumers should make suitable arrangements.
- consequential and/or contingent liabilities including personal injury or death arising from the work of an Approved Contractor being below the required standard.
- the inspection and testing of electrical equipment, which does not form part of a fixed electrical installation and/or any claim resulting from such work.

The financial limit for remedial work is £10,000, on the work associated with any one contract or related series of contracts.

All decisions regarding the application and interpretation of the NICEIC Guarantee of Standards Scheme, the safety and standard of workmanship of an electrical installation and remedial work required, rest solely with the National Inspection Council. Any essential remedial work deemed necessary by the NICEIC will be carried out by an Approved Contractor appointed by the National Inspection Council.

The NICEIC Guarantee of Standards Scheme provides benefits in addition to legal and statutory rights. The Scheme does not reduce or modify those rights.

The current terms and conditions relating to the **Guarantee of Standards Scheme** can be downloaded here:



why use the NICEIC?

The UK has a comparatively good record of electrical safety. According to government figures there are around 10 fatal and 2,000 non-fatal electric shock accidents in the home each year, and around 19 fatal and 880 non-fatal shock accidents a year in the workplace.

However, there are about 12,500 electrical fires in homes across the UK each year. Although many incidents are caused by faulty appliances rather than the electrical installation itself, a properly installed and well-maintained installation could save lives.

The **NICEIC's** independence assures consumers and specifiers that all installation work done by an NICEIC Approved Contractor will meet electrical safety requirements. The list of our Approved Contractors can be accessed on this website, and is updated weekly. A CD-ROM version of the Roll is also available on request.

Approved Contractors are required to issue a safety certificate for all their electrical work to confirm that the installation has been designed, constructed, inspected and tested in accordance with the national electrical safety standard, **BS 7671** - Requirements for Electrical Installations. A Periodic Inspection Report (PIR) is issued when a report on the condition of an existing installation is required.

The NICEIC investigates all complaints that Approved Contractors have not complied with the appropriate technical standard and we operate a **Complaints Procedure** and **Guarantee of Standards Scheme**.

Householders have peace of mind knowing that all electrical work undertaken by an Approved Contractor will be safe. Approximately 90% of local authorities in the UK are believed to restrict work to NICEIC Approved Contractors on safety grounds.