

Condition 3

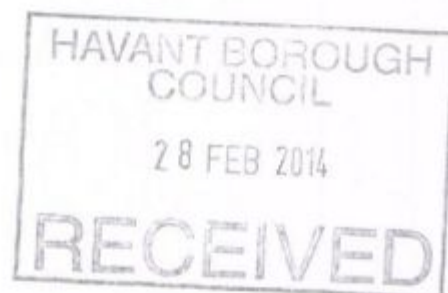
Fencing details

2m fencing = J.B Corrie Standard Ball Stop Fencing. 2m high fence, constructed from 1 no lifts of 50x50x3/3.5mm galvanised and plastic coated green weldmesh from rolls fixed to high tensile line wires with stainless steel clips, supported on 50x30mm rectangular hollow section lineposts set in concrete at maximum 3m centres. Intermediate or corner straining posts constructed from 60x60x3mm rectangular hollow section complete with necessary fittings and set in concrete (Intermediate straining posts are required every 69 linear metre in any straight uninterrupted run). Single leaf gate 1.2m wide x 2m high + panel over, constructed from rectangular hollow section and in-filled to suit the fence. Gate is hung to 2no rectangular hollow section gate end posts with necessary fittings and set in concrete

5m fencing = J.B Corrie Standard Ball Stop Fencing. 5m high fence, constructed from 3no lifts of 50x50x3/3.5mm galvanised and plastic coated green weldmesh from rolls fixed to high tensile line wires with stainless steel clips, supported on 80x40mm rectangular hollow section lineposts set in concrete at maximum 3m centres. Intermediate or corner straining posts constructed from 80x80x3.6mm rectangular hollow section complete with necessary fittings and set in concrete (Intermediate straining posts are required every 69 linear metre in any straight uninterrupted run)

Ironwork is galvanised or galvanised and polyester powder coated

Welded mesh is galvanised and plastic coated green





J B Corrie & Co Ltd.

JB CORRIE & CO LTD

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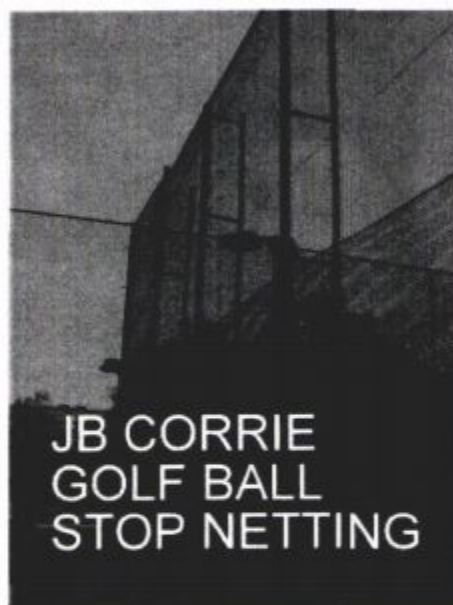
[Home](#) [Security Fencing](#) [Boundary & Park](#) [Sports Fencing](#) [Tennis](#) [Steel Fabrication](#)

Sports Fencing



Ball Stop Fencing

The sky is the limit with our ball stop fencing. JB Corrie are a manufacture various ball stop fencing systems



The sky is the limit with our ball stop fencing. JB Corrie are a manufacture various ball stop fencing systems, ranging from protect spectator areas up to high ball stop for golf courses, cricket and rugby pitches. Standard systems would incorporate a structure clad with either rebound boards/panels, panel form or roll form mesh/chain link. The upper area is normally clad with polypropylene netting with apertures to suit the application required.

- The quality one stop Sports fence provider
- Buy with confidence from an experienced manufacturer
- Proven track record with all the leading sports systems
- Installation department
- Speak to us for specialist advice, specifications and recommendations
- Innovative ideas to provide solutions

Applications

- Football pitches and training areas
- Rugby pitches and training areas
- Golf courses
- Golf driving ranges

Condition 11



PERMIT

Footpath, Warblington - Hants

Date: 28-05-2010
Customer: SEC, Hedge End
Customer Representative: Chris Weatherall

Designer: Stephen Bowen

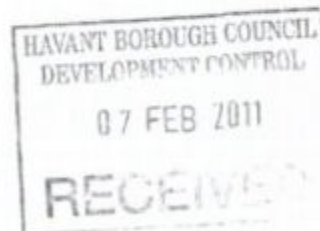
Description: Design Parameters:
- Lighting Class BS5489 S6
- 6m column located just off footpath
- Post Top Mini Iridium LED 24 x Warm White MB
- MF 0.61

Comments:
- Aimed to achieve a uniformity of 40%

Results:
- Emin 1.03 lux, Eave 2.55 lux, Uo 0.40

The nominal values shown in this report are the result of precision calculations, based upon precisely positioned luminaires in a fixed relationship to each other and to the area under examination. In practice the values may vary due to tolerances on luminaires, luminaire positioning, reflection properties and electrical supply.

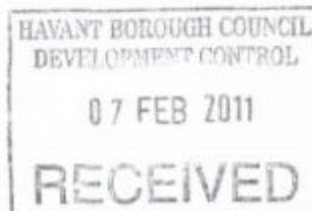
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CalcuLuX Area 7.5.0.1

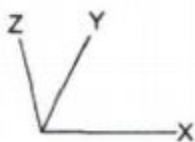
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1. Project Description

1.1 3-D Project Overview



A ———> BGS451 MB



2. Summary

2.1 General Information

The overall maintenance factor used for this project is 0.61.

2.2 Project Luminaires

Code	Qty	Luminaire Type	Lamp Type	Power (W)	Flux (lm)
A	21	BGS451 MB	24 * LED-REBEL-60-350/WW	30.2	24 * 65

The total installed power: 0.63 (kWatt)

2.3 Calculation Results

(II)luminance Calculations:

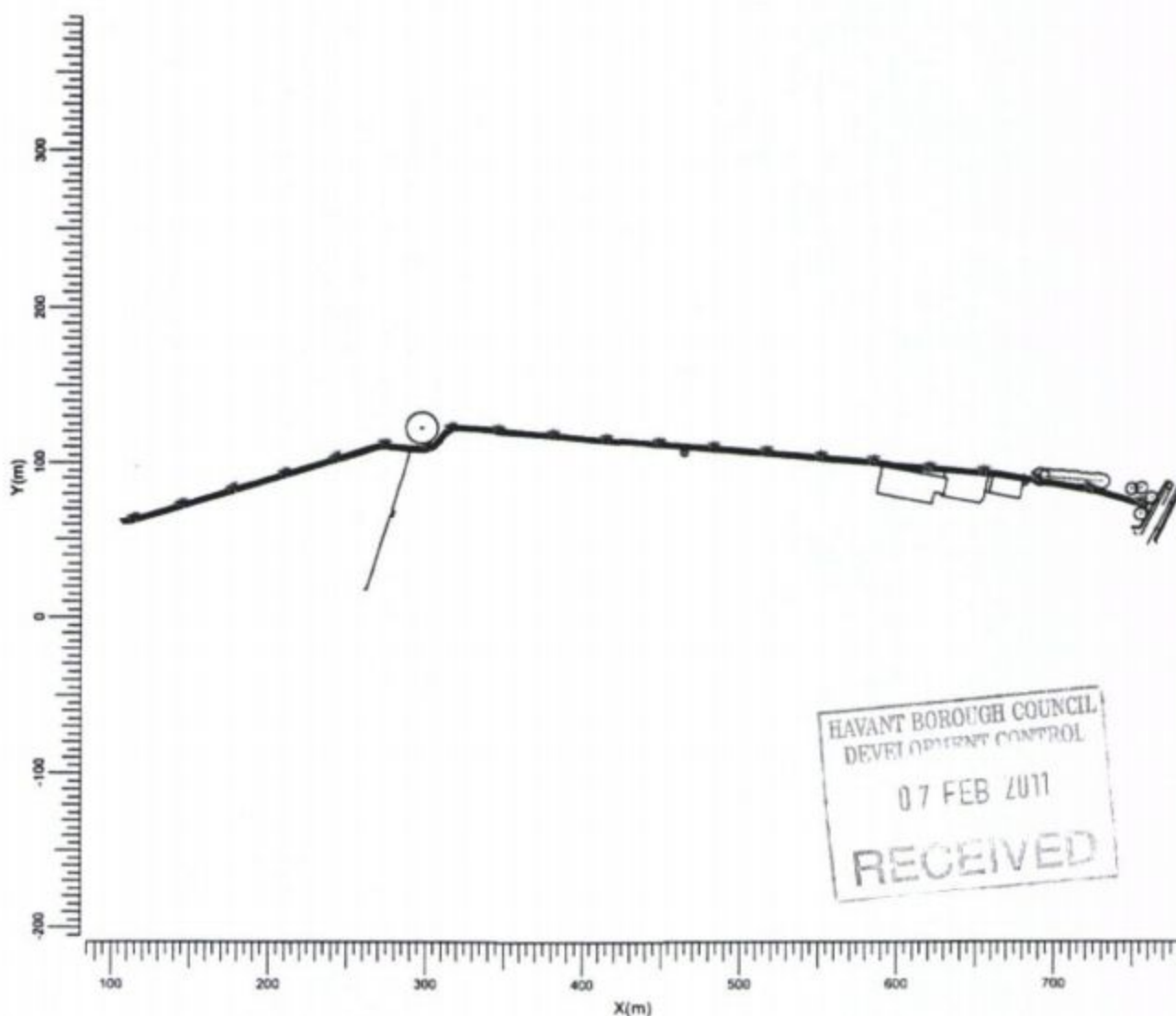
Calculation	Type	Unit	Ave	Min	Min/Ave
Footpath	Surface Illuminance	lux	2.55	1.03	0.40



3. Calculation Results

3.1 Footpath: Filled Iso Contour

Grid : Footpath at Z = -0.00 m
Calculation : Surface Illuminance (lux)



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DEVELOPMENT CONTROL
07 FEB 2011
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A — BGS451 MB

Average
2.55

Minimum
1.03

Min/Ave
0.40

Project maintenance factor
0.61

Scale
1:4000

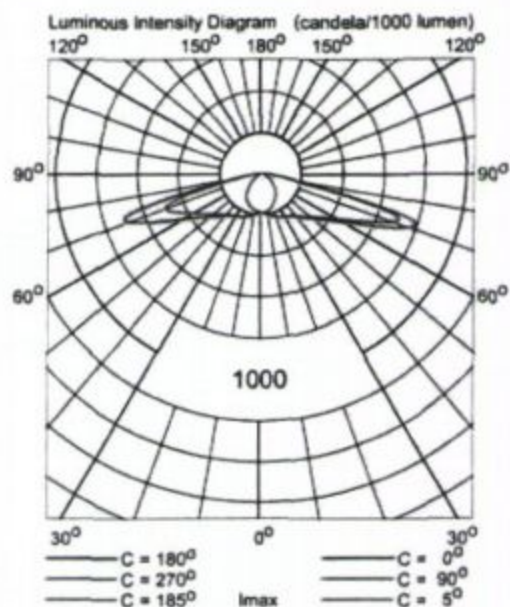
4. Luminaire Details

4.1 Project Luminaires

Mini Iridium LED
BGS451 24xLED-REBEL-60-350/WW MB

**Light output ratios**

DLOR	: 0.79
ULOR	: 0.00
TLOR	: 0.79
Ballast	: N/A
Lamp flux	: 65 lm
Luminaire wattage	: 30.2 W
Measurement code	: LVM0955700



5. Installation Data

5.1 Legends

Project Luminaires:

Code	Qty	Luminaire Type	Lamp Type	Flux (lm)
A	21	BGS451 MB	24 * LED-REBEL-60-350/WW	24 * 65

5.2 Luminaire Positioning and Orientation

Qty and Code	Position			Aiming Angles		
	X (m)	Y (m)	Z (m)	Rot.	Tilt90	Tilt0
1 * A	113.66	63.95	6.00	-71.9	10.0	0.0
1 * A	144.26	73.31	6.00	-71.9	10.0	0.0
1 * A	177.07	83.35	6.00	-71.9	10.0	0.0
1 * A	209.65	93.29	6.00	-71.9	10.0	0.0
1 * A	242.49	103.37	6.00	-71.9	10.0	0.0
1 * A	273.28	111.82	6.00	-90.7	10.0	0.0
1 * A	300.38	110.04	6.00	-72.6	10.0	0.0
1 * A	315.77	122.73	6.00	-66.0	10.0	0.0
1 * A	345.64	122.00	6.00	-94.2	10.0	0.0
1 * A	380.49	118.93	6.00	-94.2	10.0	0.0
1 * A	414.60	115.75	6.00	-94.2	10.0	0.0
1 * A	448.09	112.81	6.00	-94.2	10.0	0.0
1 * A	482.45	110.03	6.00	-94.2	10.0	0.0
1 * A	516.66	106.99	6.00	-94.2	10.0	0.0
1 * A	550.96	104.04	6.00	-94.2	10.0	0.0
1 * A	584.66	101.12	6.00	-94.2	10.0	0.0
1 * A	620.08	96.95	6.00	-94.2	10.0	0.0
1 * A	654.41	94.04	6.00	-94.2	10.0	0.0
1 * A	687.56	89.01	6.00	-99.3	10.0	0.0
1 * A	721.58	83.05	6.00	-99.3	10.0	0.0
1 * A	755.03	73.56	6.00	-106.2	10.0	0.0



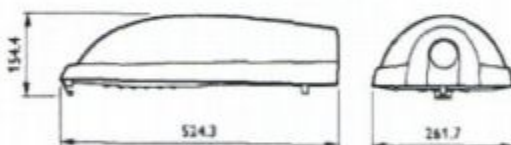
Mini Iridium LED

Mini Iridium LED	
Type	BGS451
Light source	16, 24 x LED-HR, 20, 31 W
Light colour	Warm white (WW)
Driver (integrated)	Driver 350 mA with Constant Light Output function (CLO)
Optic	Narrow street (NSO) Medium street (MSO)
Optical cover	Polycarbonate cover
Cable gland	PG 13.5 mm
Options	Light regulation: Lumistep LS-6, LS-8 and LS-10 Photocell: minicell 70lx (P3), minicell 30lx (P3-30) Pre-equipped cables without plug: cable lengths of 9 m (C9K), 12 m (C12K), 14 m (C14K)
Materials and finishing	Housing: high-pressure die-cast aluminium, non-corrosive Gasket: silicone rubber, heat-resistant Cover: polycarbonate, frosted with clear lenses Heat sink (internal): high-pressure die-cast aluminium, non-corrosive
Colour	Canopy: brilliant grey, approx RAL7043 (GR) Frame and spigot: aluminium, unpainted sandblasted

Installation	Flexifit spigot for post top mounting: axial entry Ø 60 - 76 mm at 10° tilt or side entry mounting: lateral entry Ø 34 - 48 mm Operating temperature: -20°C < T _a < 35°C (version 90 W max 25°C) Recommended mounting height: 3.5 to 6 m and 6 to 9 m Standard tilt angle post top: 10° standard Max SCx value by side: 0.032 m ² (GB/G8D versions), 0.032 m ² (FG/FGD versions)
Maintenance	From below by opening the housing with a single quick-release clip all supported by a retention cable Multiblock for easy cabling and electrical connection Simple LED module and driver replacement Hinged front glass with quick-release clips for replacement
Accessories	Wall mounting bracket Dedicated mast and wall brackets available for different mounting possibilities Side entry reducer from 60 to 48 mm
Main applications	Residential streets, pedestrian and cycle paths and minor roads



BGS451



Mini Iridium LED BGS451

Preferred selection

Product ID	Weight (kg)	European Order Code (EOC)
BGS451 LXHL/WW 22W 1 NSO CO GR 6076P	4.41	961382 00
BGS451 LXHL/WW 22W 1 NSO CO GR PS 6076P	4.51	961351 00
BGS451 LXHL/WW 31W 1 NSO CO GR 6076P	4.41	961375 00
BGS451 LXHL/WW 31W 1 NSO CO GR PS 6076P	4.51	961344 00
BGS451 LXHL/WW 31W 1 MSO CO GR 6076P	4.41	961399 00
BGS451 LXHL/WW 31W 1 MSO CO GR PS 6076P	4.51	961368 00

Please contact your local Philips representative for additional configurations

