



Floodlighting Equipment
 West Stand Floodlights
 30 x Philips MVF024 PowerVision
 Mounted at 14m AGL

East Stand Floodlights
 30 x Philips MVF024 PowerVision
 Mounted at 15.35m AGL

Lamps(Philips)
 MHN-LA2000/842/415(220000 Lm)

Pitch Illuminance Values
 Eave=615 Lux
 Emin/Eave=0.51
 Emin/Emax=0.32

Spill Values
 Horizontal Illuminance
 Grid Height at 1m AGL
 Grid Spacing 10m x 10m
 Contours 2,5,10 Lux

Maintenance Factor=0.80(Applied)

NOTE-
 ILLUMINANCE CALCULATIONS
 UNDERTAKEN USING
 PHOTOMETRIC DATA FOR
 EXISTING PHILIPS MVF024
 POWERVISION FLOODLIGHTS
 AS SUPPLIED BY PHILIPS
 LIGHTING



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Project Title
**THE STOOP TWICKENHAM
 ESTIMATED HORIZONTAL SPILL - EXISTING**

Client
MUSCO LIGHTING EUROPE LTD

Scale 1:1000@A1	Design Ref SP1123
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Date 29/8/2016	Drawn By Neil Johnson
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Lighting designs are calculated in AG32 lighting design software using exact dimensions. Site, manufacturing and installation tolerances may result in variations between calculated and measured values. All designs are produced in good faith and site measurements should be checked prior to installation. Neil Johnson, Sports Lighting Consultant accepts no liability for any losses due to incorrect installation.