Barwell Sports Pavillion

Installation :

Project number	:	LD7197
Customer	:	Service Electrical
Processed by	:	JG
Date	:	12.09.2012

The following values are based on exact calculations on calibrated lamps, luminaires and their arrangement. In practice, gradual divergences can occur.

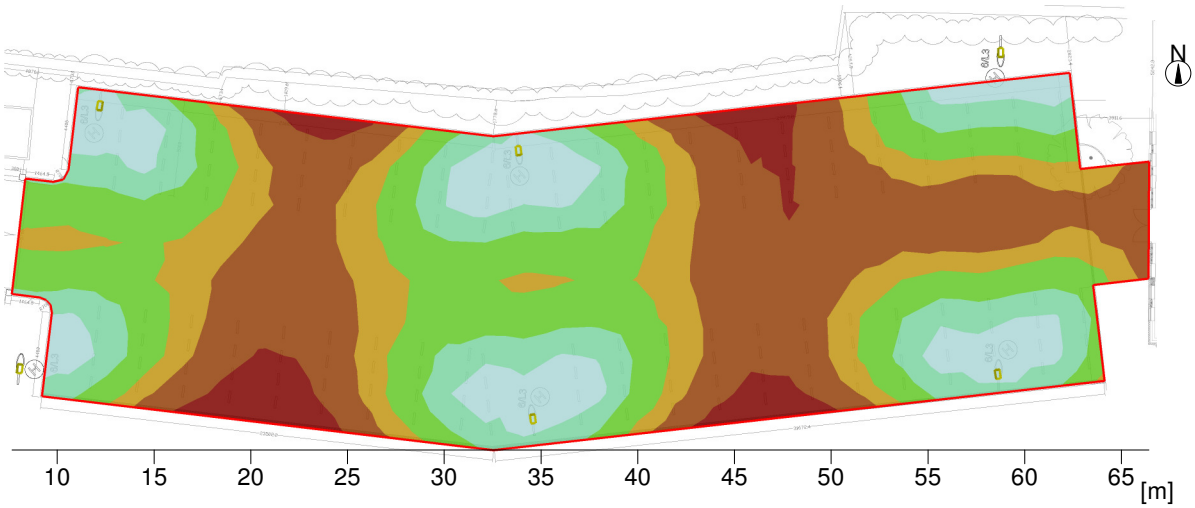
Guarantee claims for luminaire data are excluded.

Relux and the luminaire manufacturers accept no liability for consequential damage and damage which is occasioned to the user or to third parties.

2 NYU70HQI

2.2 Summary, NYU70HQI

2.2.1 Result overview, Reference plane 1





Illuminance [lx]

General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.00 m
photometric centre height. [m]:	6.00 m
Maintenance factor	0.80
Total luminous flux of all lamps	31800 lm
Total power	480 W
Total power per area (889.64 m²)	0.54 W/m² (4.76 W/m²/100lx)

Illuminance

Average illuminance	Eav	11.3 lx
Minimum illuminance	Emin	3.9 lx
Maximum illuminance	Emax	24.1 lx
Uniformity g1	Emin/Em	1:2.92 (0.34)
Uniformity g2	Emin/Emax	1:6.2 (0.16)

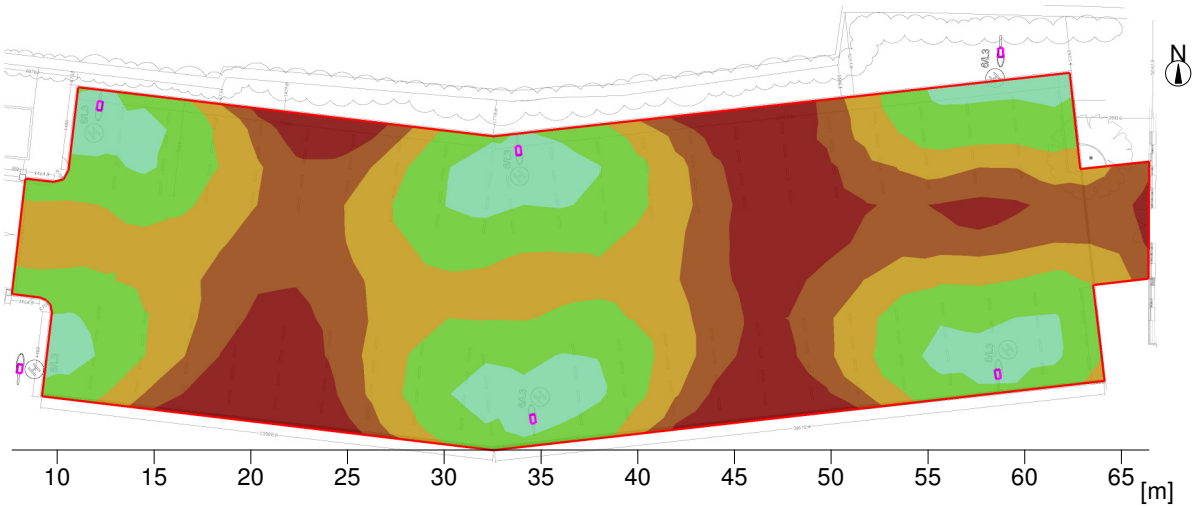
Type No.\Make

	NVC	
1 6	Order No.	: NYU70HQI-E/740
	Luminaire name	: NYU70HQI-E/740
	Equipment	: 1 x hie 70 / 5300 lm

3 NYU150HQI

3.2 Summary, NYU150HQI

3.2.1 Result overview, Reference plane 1





Illuminance [lx]

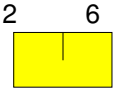
General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.00 m
photometric centre height. [m]:	6.00 m
Maintenance factor	0.80
Total luminous flux of all lamps	79800 lm
Total power	900 W
Total power per area (889.64 m²)	1.01 W/m² (3.56 W/m²/100lx)

Illuminance

Average illuminance	Eav	28.4 lx
Minimum illuminance	Emin	9.7 lx
Maximum illuminance	Emax	60.4 lx
Uniformity g1	Emin/Em	1:2.92 (0.34)
Uniformity g2	Emin/Emax	1:6.2 (0.16)

Type No.\Make



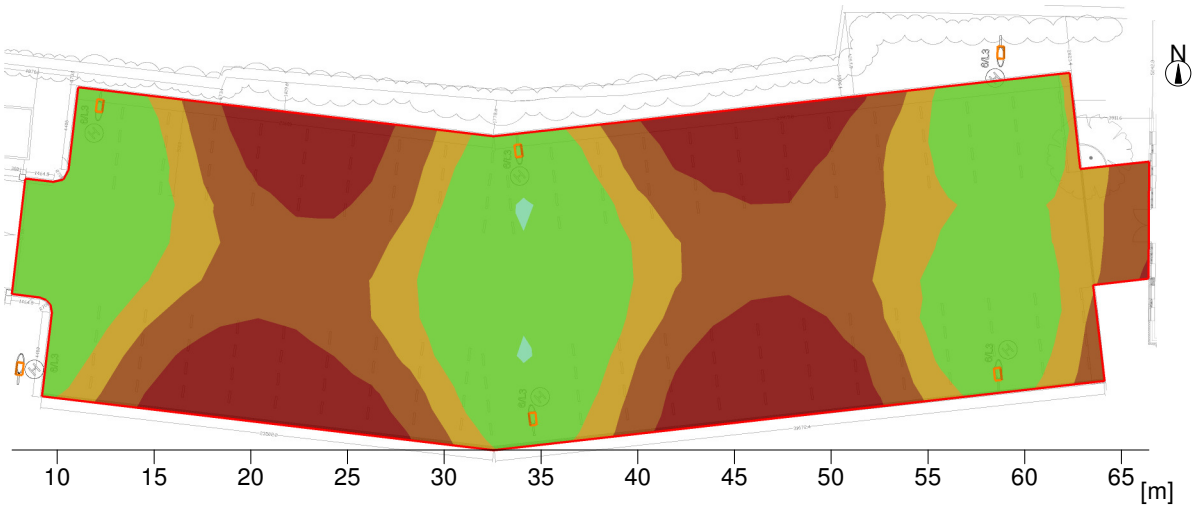
NVC

Order No.	: NYU150HQI-E/740
Luminaire name	: NYU150HQI-E/740
Equipment	: 1 x hie 150 / 13300 lm

4 NAB70HQI

4.2 Summary, NAB70HQI

4.2.1 Result overview, Reference plane 1





Illuminance [lx]

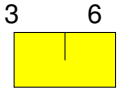
General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.00 m
photometric centre height. [m]:	6.00 m
Maintenance factor	0.80
Total luminous flux of all lamps	29400 lm
Total power	420 W
Total power per area (889.64 m²)	0.47 W/m² (5.61 W/m²/100lx)

Illuminance

Average illuminance	Eav	8.4 lx
Minimum illuminance	Emin	2.8 lx
Maximum illuminance	Emax	15.3 lx
Uniformity g1	Emin/Em	1:2.99 (0.33)
Uniformity g2	Emin/Emax	1:5.44 (0.18)

Type No.\Make



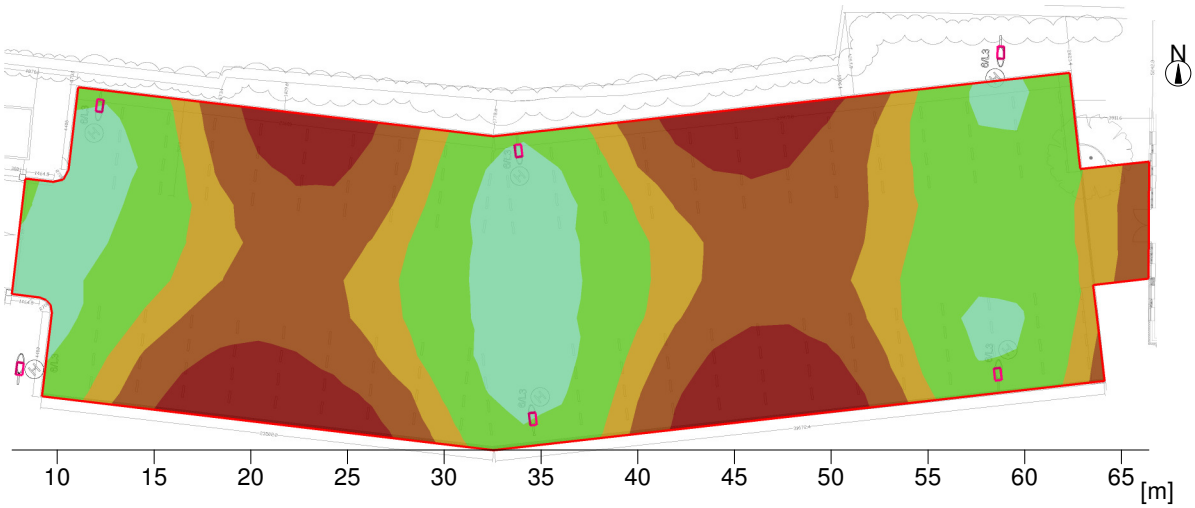
NVC Lighting

Order No.	: NAB70HQI-E/740
Luminaire name	: NAB70HQI-E/740
Equipment	: 1 x HQI-E / 4900 lm

5 NAB150HQI

5.2 Summary, NAB150HQI

5.2.1 Result overview, Reference plane 1





Illuminance [lx]

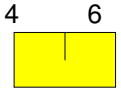
General

Calculation algorithm used	Average indirect fraction
Height of evaluation surface	0.00 m
photometric centre height. [m]:	6.01 m
Maintenance factor	0.80
Total luminous flux of all lamps	72000 lm
Total power	900 W
Total power per area (889.64 m²)	1.01 W/m² (5.21 W/m²/100lx)

Illuminance

Average illuminance	Eav	19.4 lx
Minimum illuminance	Emin	6.4 lx
Maximum illuminance	Emax	36.6 lx
Uniformity g1	Emin/Em	1:3.03 (0.33)
Uniformity g2	Emin/Emax	1:5.7 (0.18)

Type No.\Make



NVC Lighting

Order No.	: NAB150HQI-E/740
Luminaire name	: NAB150HQI-E/740
Equipment	: 1 x HQI-E / 12000 lm