Object	:	Shop Floor
Installation	:	Ftao Adrian Sunderland
Project number	:	137725
Date	:	15.01.2008

1 Luminaire data

1.6 Dextra, AVALON FLOODLIGHT (AVADEH70L)

1.6.1 Data sheet

Manufacturer: Dextra

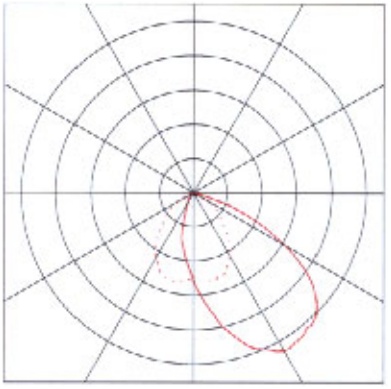
AVADEH70L projector AVALON FLOODLIGHT
AVALON Slimline floodlight. Asymmetric with double-ended lamps.

Luminaire data

Luminaires efficiency	:	74% (A40) ⇓ 100.0% ⇑ 0.0%
Control gear	:	conventional ballast, comp., with ignition device
System power	:	87.4 W
Length	:	350 mm
Width	:	230 mm
Height	:	85 mm

Equipped with

Number of	:	1
Designation	:	MD
Power	:	70 W
Colour	:	3000K
Luminous flux	:	5300 lm







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Object	:	Shop Floor
Installation	:	Ftao Adrian Sunderland
Project number	:	137725
Date	:	15.01.2008

1 Luminaire data

1.7 Dextra, AVALON FLOODLIGHT (AVAH250L)

1.7.1 Data sheet

Manufacturer: Dextra

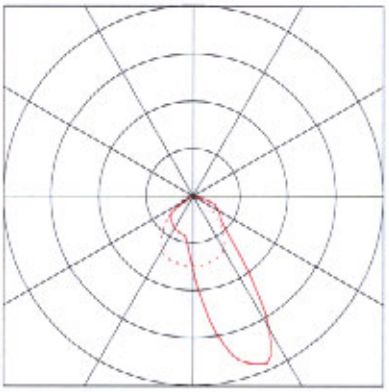
AVAH250L projector AVALON FLOODLIGHT
AVALON floodlight E40 250W HQI-T

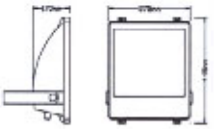
Luminaire data

Luminaires efficiency	:	85.22% (A50) ⇓ 99.8% ⇑ 0.2%
Control gear	:	conventional ballast, comp., with ignition device
System power	:	276 W
Length	:	375 mm
Width	:	445 mm
Height	:	170 mm

Equipped with

Number of	:	1
Designation	:	MT
Power	:	250 W
Colour	:	4000K
Luminous flux	:	18900 lm







Object : Shop Floor
Installation : Ftao Adrian Sunderland
Project number : 137725
Date : 15.01.2008

1 Luminaire data

1.8 Dextra, AVALON WALLPACK (AVAWPT42L)

1.8.1 Data sheet

Manufacturer: Dextra

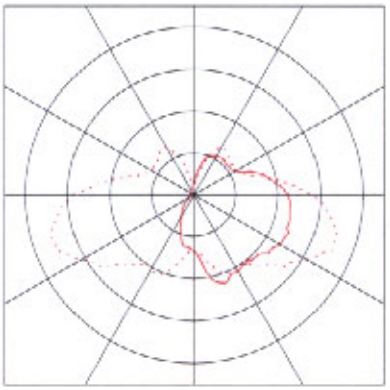
AVAWPT42L wall-mounted luminaire AVALON WALLPACK
Wall mounted exterior amenity bulkhead 42W TCT

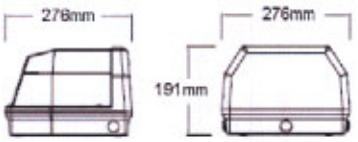
Luminaire data

Luminaires efficiency	:	73.33% (B21)
		⇓ 65.6% ⇑ 34.4%
Control gear	:	electronic ballast
System power	:	46 W
Length	:	272 mm
Width	:	272 mm
Height	:	183 mm

Equipped with

Number of	:	1
Designation	:	FSMH
Power	:	42 W
Colour	:	4000K
Luminous flux	:	3200 lm







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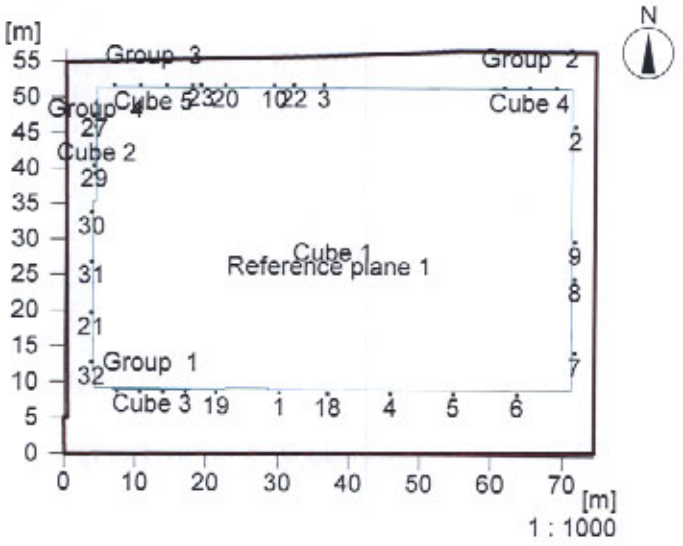
5 Exterior

5.1 Description, Exterior

5.1.1 Floor plan

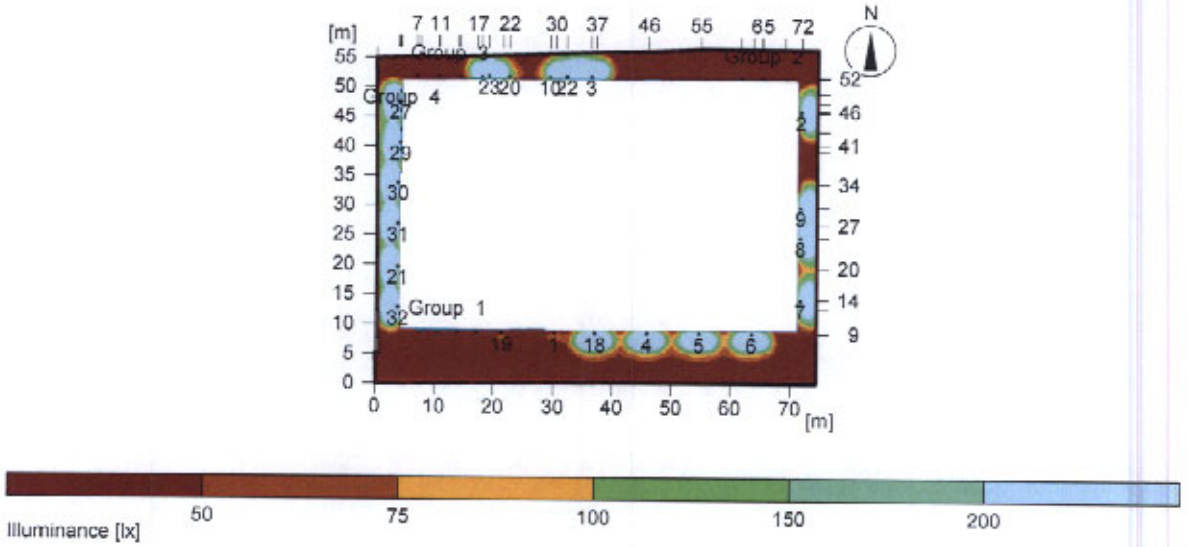


Object	:	Shop Floor
Installation	:	Ftao Adrian Sunderland
Project number	:	137725
Date	:	15.01.2008

5 Exterior

5.2 Summary, Exterior

5.2.1 Result overview, Reference plane 1



General

Calculation algorithm used	High indirect fraction
Height of evaluation surface	0.20 m
Maintenance factor	0.80
Total luminous flux of all lamps	413600 lm
Total power	6187 W
Total power per area (4140.16 m²)	1.49 W/m² (1.21 W/m²/100lx)

Illuminance

Average illuminance	Eav	123 lx
Minimum illuminance	Emin	0 lx
Maximum illuminance	Emax	872 lx
Uniformity g1	Emin/Em	1:839 (0)
Uniformity g2	Emin/Emax	1:5940 (0)

Type No.\Make

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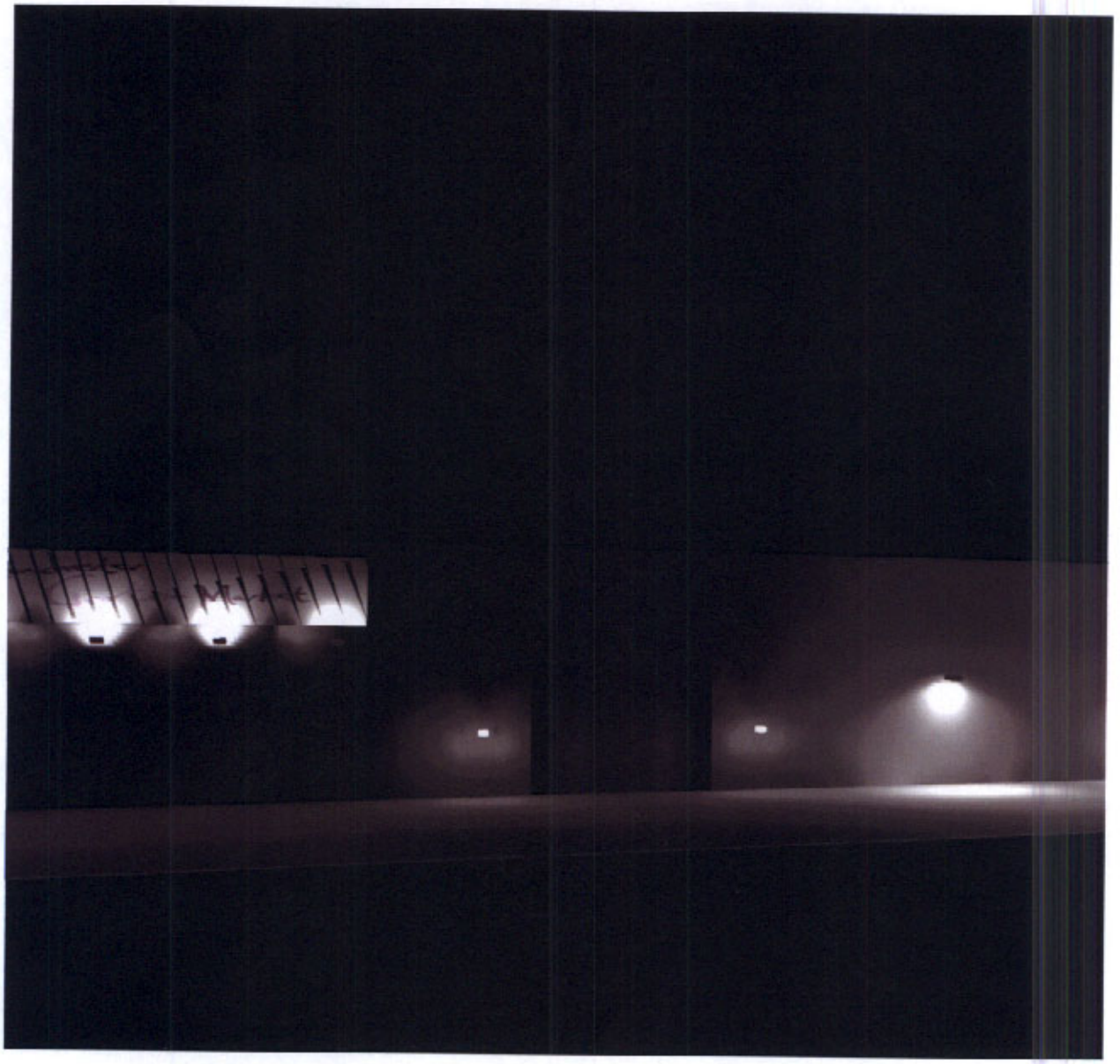
7	15	Order No.	: AVADEH70L
		Luminaire name	: AVALON FLOODLIGHT
		Equipment	: 1 x MD 70 W / 5300 lm
8	17	Order No.	: AVAH250L
		Luminaire name	: AVALON FLOODLIGHT
		Equipment	: 1 x MT 250 W / 18900 lm
9	4	Order No.	: AVAWPT42L
		Luminaire name	: AVALON WALLPACK
		Equipment	: 1 x FSMH 42 W / 3200 lm

5 Exterior

5.3 Calculation results, Exterior

5.3.1 3D luminance, View 1



Luminance in the scene
Minimum: : 0 cd/m²
Maximum: : 2000 cd/m²