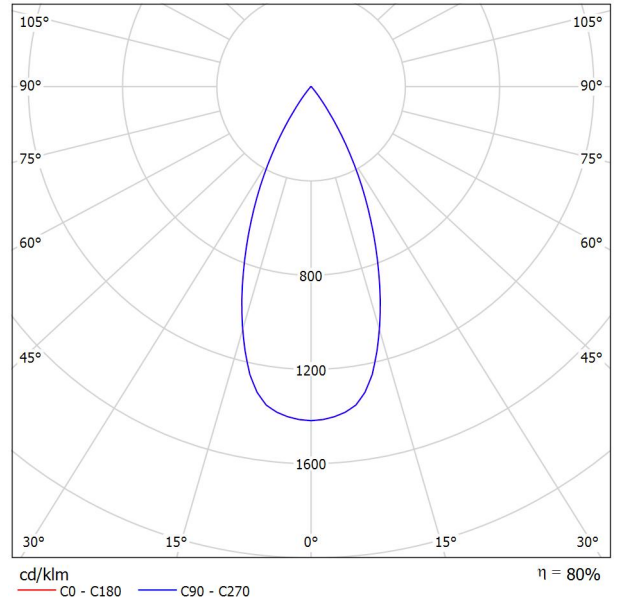


Sinclair Knight Merz (Europe) Limited

The Metro Building, 4th Floor, 33 Trafford Road
Manchester M5 3NNOperator Syed Zaidi
Telephone 0161 875 4363
Fax 0161 873 7115
e-Mail szaidi@globalskm.com**iGuzzini illuminazione S.p.A BV04+6190 MaxiWoody / Luminaire Data Sheet****Luminous emittance 1:**

See our luminaire catalog for an image of the luminaire.

Luminaire classification according to CIE: 100
CIE flux code: 99 100 100 100 80**Luminous emittance 1:**

Glare Evaluation According to UGR											
p Ceiling		70	70	50	50	30	70	70	50	50	30
p Walls		50	30	50	30	30	50	30	50	30	30
p Floor		20	20	20	20	20	20	20	20	20	20
Room Size X Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	-2.6	-1.9	-2.3	-1.8	-1.6	-2.6	-1.9	-2.3	-1.8	-1.6
	3H	-1.9	-1.3	-1.6	-1.1	-0.9	-1.9	-1.3	-1.6	-1.1	-0.9
	4H	-1.8	-1.2	-1.5	-1.0	-0.7	-1.8	-1.2	-1.5	-1.0	-0.7
	6H	-1.8	-1.3	-1.4	-1.0	-0.7	-1.8	-1.3	-1.4	-1.0	-0.7
	8H	-1.8	-1.3	-1.5	-1.0	-0.7	-1.8	-1.3	-1.5	-1.0	-0.7
4H	12H	-1.8	-1.4	-1.5	-1.1	-0.8	-1.8	-1.4	-1.5	-1.1	-0.8
	2H	-2.3	-1.8	-2.0	-1.5	-1.3	-2.3	-1.8	-2.0	-1.5	-1.3
	3H	-1.5	-1.0	-1.2	-0.7	-0.4	-1.5	-1.0	-1.2	-0.7	-0.4
	4H	-1.3	-0.9	-0.9	-0.6	-0.2	-1.3	-0.9	-0.9	-0.6	-0.2
	6H	-1.3	-1.0	-0.9	-0.6	-0.2	-1.3	-1.0	-0.9	-0.6	-0.2
8H	8H	-1.3	-1.0	-0.9	-0.6	-0.2	-1.3	-1.0	-0.9	-0.6	-0.2
	12H	-1.3	-1.1	-0.9	-0.7	-0.3	-1.3	-1.1	-0.9	-0.7	-0.3
	4H	-1.3	-1.0	-0.9	-0.6	-0.2	-1.3	-1.0	-0.9	-0.6	-0.2
	6H	-1.2	-1.0	-0.8	-0.6	-0.2	-1.2	-1.0	-0.8	-0.6	-0.2
	8H	-1.3	-1.1	-0.8	-0.7	-0.2	-1.3	-1.1	-0.8	-0.7	-0.2
12H	12H	-1.3	-1.2	-0.8	-0.7	-0.2	-1.3	-1.2	-0.8	-0.7	-0.2
	4H	-1.3	-1.1	-0.9	-0.7	-0.3	-1.3	-1.1	-0.9	-0.7	-0.3
	6H	-1.3	-1.1	-0.8	-0.7	-0.2	-1.3	-1.1	-0.8	-0.7	-0.2
8H	8H	-1.3	-1.2	-0.8	-0.7	-0.2	-1.3	-1.2	-0.8	-0.7	-0.2
	Variation of the observer position for the luminaire distances S										
S = 1.0H		+6.3 / -13.3					+6.3 / -13.3				
S = 1.5H		+9.1 / -14.7					+9.1 / -14.7				
S = 2.0H		+11.1 / -15.6					+11.1 / -15.6				
Standard table		BK00					BK00				
Correction Summand		-13.4					-13.4				
Corrected Glare Indices referring to 7300lm Total Luminous Flux											

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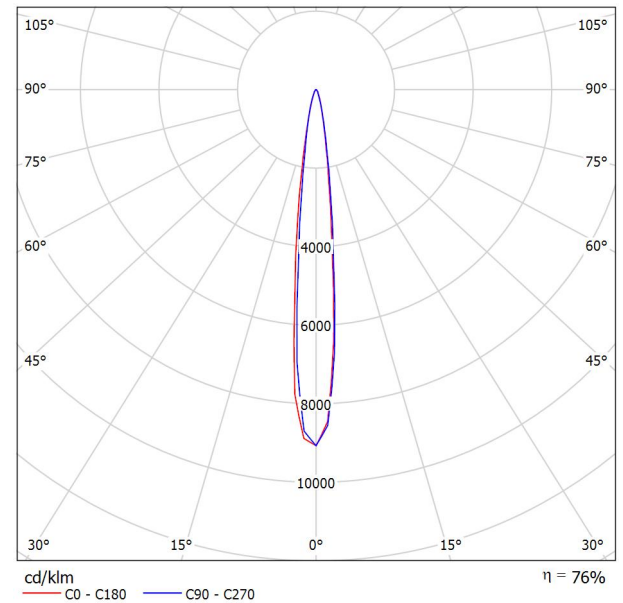
The Metro Building, 4th Floor, 33 Trafford Road
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iGuzzini illuminazione S.p.A BH06_LI69 Linealuce Compact: Wall-/Ceiling-mounted - 33 Neutral White LEDs 42W 2610lm... / Luminaire Data Sheet

Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 100
CIE flux code: 96 99 100 100 77

Due to missing symmetry properties, no UGR table can be displayed for this luminaire.

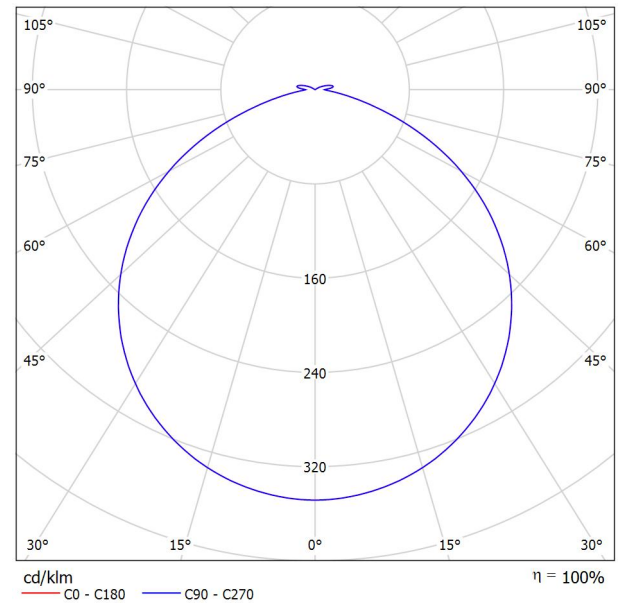
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iGuzzini illuminazione S.p.A M826 (1.0 M)_LX27 Ledstrip: flexible strip - 5m - 24W 12V LED blanco 3000 K / Luminaire Data Sheet

Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.

Luminaire classification according to CIE: 97
CIE flux code: 49 82 97 97 100

Luminous emittance 1:

Glare Evaluation According to UGR												
ρ Ceiling		70	70	50	50	30	70	70	50	50	30	
ρ Walls		50	30	50	30	30	50	30	50	30	30	
ρ Floor		20	20	20	20	20	20	20	20	20	20	
Room Size X Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis					
2H	2H	21.0	22.3	21.4	22.6	22.9	21.0	22.3	21.4	22.6	22.9	
	3H	22.4	23.6	22.8	23.9	24.2	22.4	23.6	22.8	23.9	24.2	
	4H	22.8	23.9	23.2	24.2	24.6	22.8	23.9	23.2	24.2	24.6	
	6H	23.0	24.0	23.4	24.4	24.7	23.0	24.0	23.4	24.4	24.7	
	8H	23.1	24.0	23.5	24.4	24.8	23.1	24.0	23.5	24.4	24.8	
4H	12H	23.1	24.0	23.5	24.4	24.8	23.1	24.0	23.5	24.4	24.8	
	2H	21.5	22.6	21.9	22.9	23.3	21.5	22.6	21.9	22.9	23.3	
	3H	23.1	24.0	23.5	24.4	24.8	23.1	24.0	23.5	24.4	24.8	
	4H	23.6	24.4	24.0	24.8	25.2	23.6	24.4	24.0	24.8	25.2	
	6H	23.9	24.6	24.3	25.0	25.5	23.9	24.6	24.3	25.0	25.5	
8H	8H	24.0	24.6	24.4	25.0	25.5	24.0	24.6	24.4	25.0	25.5	
	12H	24.0	24.6	24.5	25.1	25.6	24.0	24.6	24.5	25.1	25.6	
	4H	23.7	24.3	24.2	24.8	25.3	23.7	24.3	24.2	24.8	25.3	
	6H	24.1	24.6	24.6	25.1	25.6	24.1	24.6	24.6	25.1	25.6	
	8H	24.3	24.7	24.8	25.2	25.8	24.3	24.7	24.8	25.2	25.8	
12H	12H	24.4	24.8	24.9	25.3	25.9	24.4	24.8	24.9	25.3	25.9	
	4H	23.7	24.3	24.2	24.8	25.3	23.7	24.3	24.2	24.8	25.3	
	6H	24.1	24.6	24.7	25.1	25.6	24.1	24.6	24.7	25.1	25.6	
	8H	24.3	24.7	24.8	25.2	25.8	24.3	24.7	24.8	25.2	25.8	
Variation of the observer position for the luminaire distances S												
S = 1.0H		+0.1 / -0.2					+0.1 / -0.2					
S = 1.5H		+0.3 / -0.5					+0.3 / -0.5					
S = 2.0H		+0.6 / -1.0					+0.6 / -1.0					
Standard table		BK04					BK04					
Correction Summand		10.0					10.0					
Corrected Glare Indices referring to 410lm Total Luminous Flux												

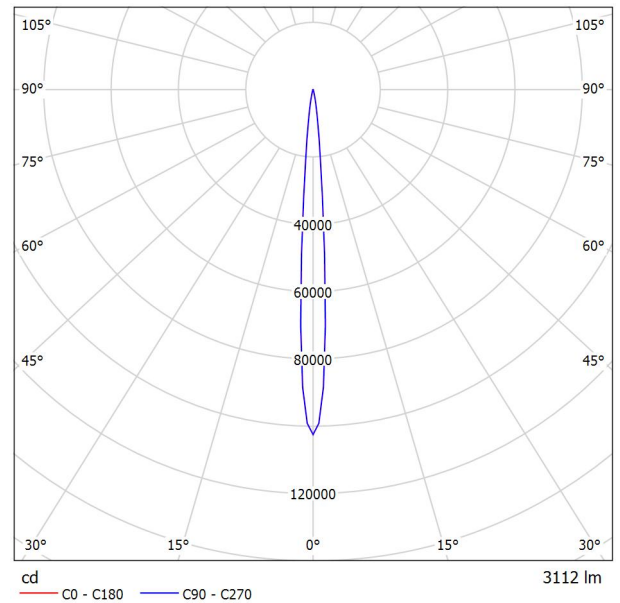
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iGuzzini illuminazione S.p.A BI56_LI76 Linealuce Compact: Wall-/Ceiling-mounted - 53W 3900lm - Warm White LED - 100-277V ac - L=1585mm - Wall Washer Spot Optic / Luminaire Data Sheet

Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.

Luminaire classification according to CIE: 100
CIE flux code: 98 99 100 100 101

Luminous emittance 1:

Glare Evaluation According to UGR													
p Ceiling		70	70	50	50	30		70	70	50	50	30	
p Walls		50	30	50	30	30		50	30	50	30	30	
p Floor		20	20	20	20	20		20	20	20	20	20	
Room Size X Y		Viewing direction at right angles to lamp axis						Viewing direction parallel to lamp axis					
2H	2H	-1.2	-0.5	-0.9	-0.3	-0.1		-1.2	-0.5	-0.9	-0.3	-0.1	
	3H	0.5	1.1	0.8	1.4	1.6		0.5	1.1	0.8	1.4	1.6	
	4H	0.9	1.4	1.2	1.7	2.0		0.9	1.4	1.2	1.7	2.0	
	6H	1.0	1.5	1.3	1.8	2.1		1.0	1.5	1.3	1.8	2.1	
	8H	1.0	1.5	1.3	1.8	2.0		1.0	1.5	1.3	1.8	2.0	
4H	12H	0.9	1.4	1.3	1.7	2.0		0.9	1.4	1.3	1.7	2.0	
	2H	-0.5	0.1	-0.2	0.3	0.6		-0.5	0.1	-0.2	0.3	0.6	
	3H	1.3	1.8	1.7	2.1	2.4		1.3	1.8	1.7	2.1	2.4	
	4H	1.7	2.1	2.1	2.4	2.8		1.7	2.1	2.1	2.4	2.8	
	6H	1.8	2.2	2.2	2.5	2.9		1.8	2.2	2.2	2.5	2.9	
8H	8H	1.8	2.1	2.2	2.5	2.9		1.8	2.1	2.2	2.5	2.9	
	12H	1.8	2.1	2.2	2.5	2.9		1.8	2.1	2.2	2.5	2.9	
	4H	1.8	2.1	2.2	2.5	2.9		1.8	2.1	2.2	2.5	2.9	
	6H	2.0	2.2	2.4	2.6	3.0		2.0	2.2	2.4	2.6	3.0	
	8H	2.0	2.1	2.4	2.6	3.0		2.0	2.1	2.4	2.6	3.0	
12H	12H	1.9	2.1	2.4	2.6	3.0		1.9	2.1	2.4	2.6	3.0	
	4H	1.8	2.0	2.2	2.4	2.8		1.8	2.0	2.2	2.4	2.8	
	6H	1.9	2.1	2.4	2.5	3.0		1.9	2.1	2.4	2.5	3.0	
	8H	1.9	2.1	2.4	2.5	3.0		1.9	2.1	2.4	2.5	3.0	
	Variation of the observer position for the luminaire distances S												
S = 1.0H		+0.6 / -0.5					+0.6 / -0.5						
S = 1.5H		+1.4 / -0.9					+1.4 / -0.9						
S = 2.0H		+2.4 / -1.2					+2.4 / -1.2						
Standard table		BK03					BK03						
Correction													
Summand		-19.4					-19.4						
Corrected Glare Indices referring to 3112lm Total Luminous Flux													

Sinclair Knight Merz (Europe) Limited

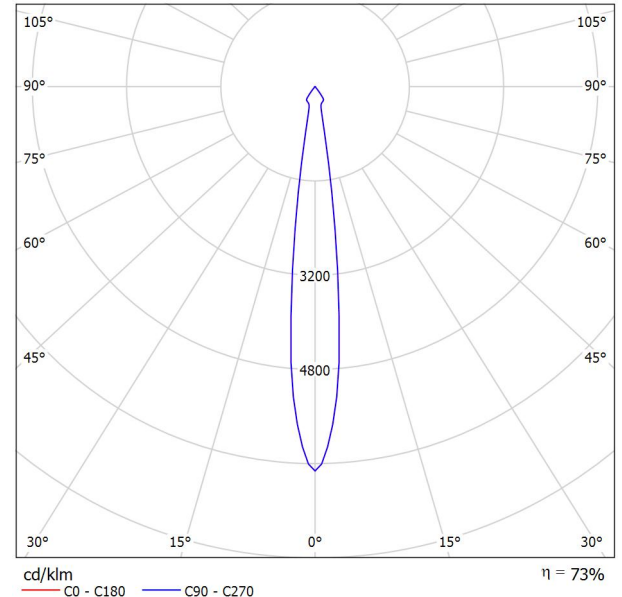
The Metro Building, 4th Floor, 33 Trafford Road
Manchester M5 3NN

Operator Syed Zaidi
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Fax 0161 873 7115
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iGuzzini illuminazione S.p.A BV01 MaxiWoody / Luminaire Data Sheet

Luminous emittance 1:

See our luminaire catalog for an image of the luminaire.



Luminaire classification according to CIE: 100
CIE flux code: 99 100 100 100 73

Luminous emittance 1:

Glare Evaluation According to UGR												
ρ Ceiling		70	70	50	50	30	70	70	50	50	30	
ρ Walls		50	30	50	30	30	50	30	50	30	30	
ρ Floor		20	20	20	20	20	20	20	20	20	20	
Room Size X Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis					
2H	2H	-1.0	-0.4	-0.8	-0.2	-0.0	-1.0	-0.4	-0.8	-0.2	-0.0	
	3H	-0.5	0.1	-0.3	0.3	0.5	-0.5	0.1	-0.3	0.3	0.5	
	4H	-0.2	0.3	0.1	0.6	0.8	-0.2	0.3	0.1	0.6	0.8	
	6H	0.2	0.7	0.5	1.0	1.2	0.2	0.7	0.5	1.0	1.2	
	8H	0.4	0.9	0.8	1.2	1.5	0.4	0.9	0.8	1.2	1.5	
4H	12H	0.7	1.2	1.0	1.5	1.8	0.7	1.2	1.0	1.5	1.8	
	2H	-1.0	-0.4	-0.7	-0.2	0.1	-1.0	-0.4	-0.7	-0.2	0.1	
	3H	-0.3	0.2	0.1	0.5	0.8	-0.3	0.2	0.1	0.5	0.8	
	4H	0.2	0.6	0.6	0.9	1.3	0.2	0.6	0.6	0.9	1.3	
	6H	0.8	1.1	1.2	1.5	1.9	0.8	1.1	1.2	1.5	1.9	
8H	8H	1.2	1.5	1.6	1.8	2.2	1.2	1.5	1.6	1.8	2.2	
	12H	1.6	1.8	2.0	2.2	2.6	1.6	1.8	2.0	2.2	2.6	
	4H	0.4	0.7	0.8	1.1	1.5	0.4	0.7	0.8	1.1	1.5	
	6H	1.2	1.4	1.6	1.8	2.3	1.2	1.4	1.6	1.8	2.3	
	8H	1.7	1.9	2.2	2.3	2.8	1.7	1.9	2.2	2.3	2.8	
12H	12H	2.3	2.4	2.8	2.9	3.4	2.3	2.4	2.8	2.9	3.4	
	4H	0.4	0.7	0.9	1.1	1.5	0.4	0.7	0.9	1.1	1.5	
	6H	1.3	1.5	1.8	1.9	2.4	1.3	1.5	1.8	1.9	2.4	
	8H	1.9	2.0	2.4	2.5	3.0	1.9	2.0	2.4	2.5	3.0	
	Variation of the observer position for the luminaire distances S											
S = 1.0H		+5.6 / -11.5					+5.6 / -11.5					
S = 1.5H		+8.4 / -13.0					+8.4 / -13.0					
S = 2.0H		+10.4 / -13.6					+10.4 / -13.6					
Standard table		BK00					BK00					
Correction Summand		-11.6					-11.6					
Corrected Glare Indices referring to 7000lm Total Luminous Flux												

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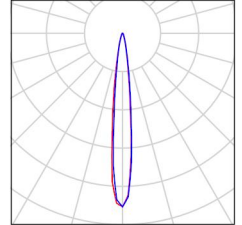
The Metro Building, 4th Floor, 33 Trafford Road
Manchester M5 3NN

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Exterior Scene 1 / Luminaire parts list

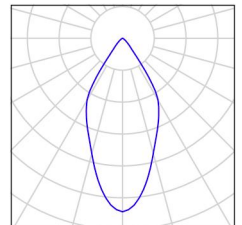
61 Pieces iGuzzini illuminazione S.p.A BH06_LI69
Linealuce Compact: Wall-/Ceiling-mounted - 33
Neutral White LEDs 42W 2610lm...
Article No.: BH06_LI69
Luminous flux (Luminaire): 2603 lm
Luminous flux (Lamps): 3410 lm
Luminaire Wattage: 42.7 W
Luminaire classification according to CIE: 100
CIE flux code: 96 99 100 100 77
Fitting: 1 x LED / 36W (Correction Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.



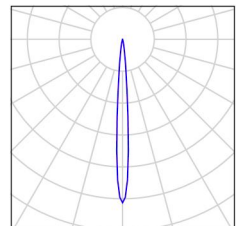
14 Pieces iGuzzini illuminazione S.p.A BI19_LM11 iRoll 65
(small-big): Outdoor ceiling-mounted luminaire -
35W 3270lm - neut...
Article No.: BI19_LM11
Luminous flux (Luminaire): 2526 lm
Luminous flux (Lamps): 3280 lm
Luminaire Wattage: 41.2 W
Luminaire classification according to CIE: 100
CIE flux code: 93 99 100 100 77
Fitting: 1 x LED / 35W (Correction Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.



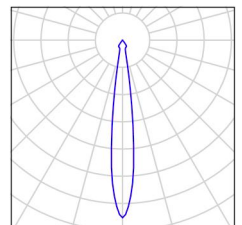
28 Pieces iGuzzini illuminazione S.p.A BI56_LI76 Linealuce
Compact: Wall-/Ceiling-mounted - 53W 3900lm -
Warm White LED - 100-277V ac - L=1585mm -
Wall Washer Spot Optic
Article No.: BI56_LI76
Luminous flux (Luminaire): 3112 lm
Luminous flux (Lamps): 3112 lm
Luminaire Wattage: 59.7 W
Luminaire classification according to CIE: 100
CIE flux code: 98 99 100 100 101
Fitting: 1 x LED WARM (nr.33) (Correction Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.



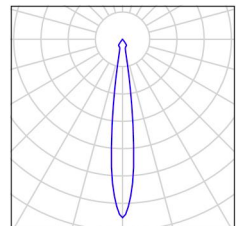
24 Pieces iGuzzini illuminazione S.p.A BV01 MaxiWoody
Article No.: BV01
Luminous flux (Luminaire): 5099 lm
Luminous flux (Lamps): 7000 lm
Luminaire Wattage: 61.0 W
Luminaire classification according to CIE: 100
CIE flux code: 99 100 100 100 73
Fitting: 1 x LED / 53W (Correction Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.



16 Pieces iGuzzini illuminazione S.p.A BV01 MaxiWoody
(Type 1)
Article No.: BV01
Luminous flux (Luminaire): 2040 lm
Luminous flux (Lamps): 2800 lm
Luminaire Wattage: 61.0 W
Luminaire classification according to CIE: 100
CIE flux code: 99 100 100 100 73
Fitting: 1 x User defined (Correction Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.



Sinclair Knight Merz (Europe) Limited

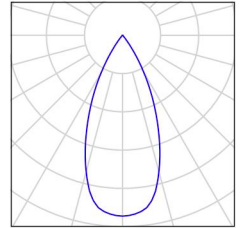
The Metro Building, 4th Floor, 33 Trafford Road
Manchester M5 3NN

Operator Syed Zaidi
Telephone 0161 875 4363
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Exterior Scene 1 / Luminaire parts list

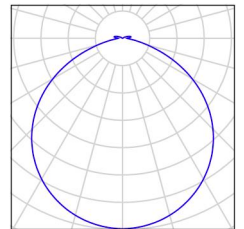
25 Pieces iGuzzini illuminazione S.p.A BV04+6190
MaxiWoody
Article No.: BV04+6190
Luminous flux (Luminaire): 5837 lm
Luminous flux (Lamps): 7300 lm
Luminaire Wattage: 61.0 W
Luminaire classification according to CIE: 100
CIE flux code: 99 100 100 100 80
Fitting: 1 x LED / 53W (Correction Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.



110 Pieces iGuzzini illuminazione S.p.A M826 (1.0 M)_LX27
Ledstrip: flexible strip - 5m - 24W 12V LED
blanco 3000 K
Article No.: M826 (1.0 M)_LX27
Luminous flux (Luminaire): 410 lm
Luminous flux (Lamps): 410 lm
Luminaire Wattage: 4.8 W
Luminaire classification according to CIE: 97
CIE flux code: 49 82 97 97 100
Fitting: 1 x LED / 4.8W (Correction Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.

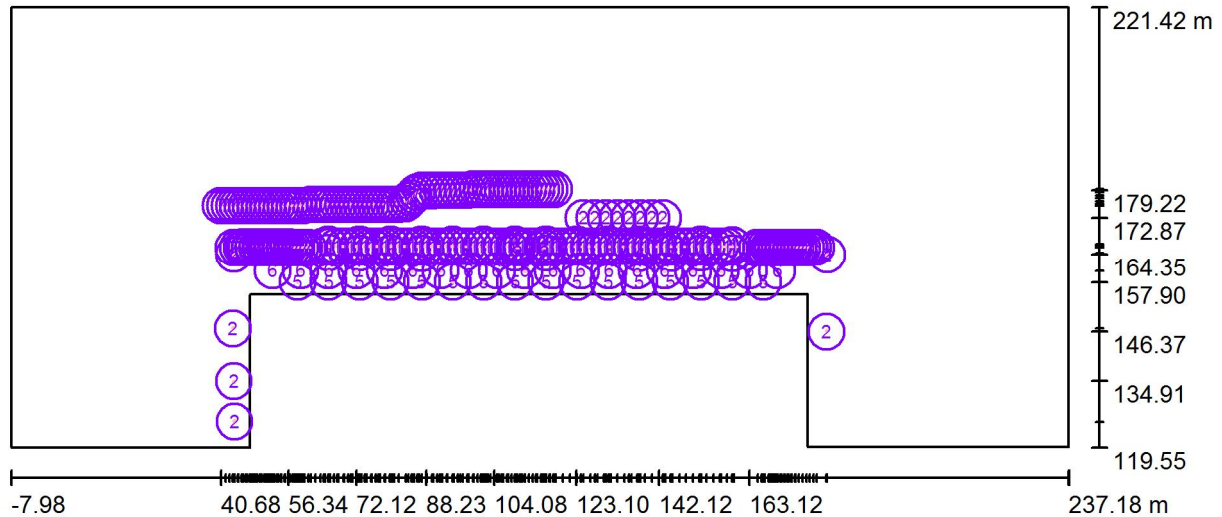


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Exterior Scene 1 / Luminaires (layout plan)



Scale 1 : 1753

Luminaire Parts List

No.	Pieces	Designation
1	61	iGuzzini illuminazione S.p.A BH06_LI69 Linealuce Compact: Wall-/Ceiling-mounted - 33 Neutral White LEDs 42W 2610lm...
2	14	iGuzzini illuminazione S.p.A BI19_LM11 iRoll 65 (small-big): Outdoor ceiling-mounted luminaire - 35W 3270lm - neut...
3	28	iGuzzini illuminazione S.p.A BI56_LI76 Linealuce Compact: Wall-/Ceiling-mounted - 53W 3900lm - Warm White LED - 100-277V ac - L=1585mm - Wall Washer Spot Optic
4	24	iGuzzini illuminazione S.p.A BV01 MaxiWoody

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Exterior Scene 1 / Luminaires (layout plan)

Luminaire Parts List

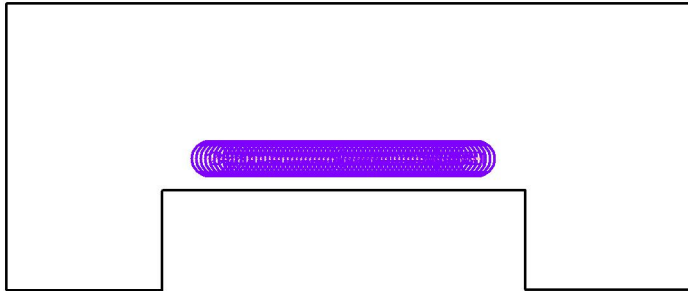
No.	Pieces	Designation
5	16	iGuzzini illuminazione S.p.A BV01 MaxiWoody (Type 1)*
6	25	iGuzzini illuminazione S.p.A BV04+6190 MaxiWoody
7	110	iGuzzini illuminazione S.p.A M826 (1.0 M)_LX27 Ledstrip: flexible strip - 5m - 24W 12V LED blanco 3000 K

*Modified Technical Specifications

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Neutral White LEDs 42W 2610lm...**

2603 lm, 42.7 W, 1 x 1 x LED / 36W (Correction Factor 1.000).



No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
1	64.458	166.240	32.065	0.0	0.0	90.0
2	66.043	166.239	32.065	0.0	0.0	90.0
3	67.628	166.239	32.065	0.0	0.0	90.0
4	69.213	166.238	32.065	0.0	0.0	90.0
5	70.798	166.238	32.065	0.0	0.0	90.0
6	72.383	166.237	32.065	0.0	0.0	90.0
7	73.968	166.236	32.065	0.0	0.0	90.0
8	75.553	166.236	32.065	0.0	0.0	90.0
9	77.138	166.235	32.065	0.0	0.0	90.0
10	78.723	166.235	32.065	0.0	0.0	90.0
11	80.308	166.234	32.065	0.0	0.0	90.0
12	81.893	166.234	32.065	0.0	0.0	90.0
13	83.478	166.233	32.065	0.0	0.0	90.0
14	85.063	166.232	32.065	0.0	0.0	90.0
15	86.648	166.232	32.065	0.0	0.0	90.0
16	88.233	166.231	32.065	0.0	0.0	90.0
17	89.818	166.231	32.065	0.0	0.0	90.0
18	91.403	166.230	32.065	0.0	0.0	90.0
19	92.988	166.230	32.065	0.0	0.0	90.0
20	94.573	166.229	32.065	0.0	0.0	90.0
21	96.158	166.228	32.065	0.0	0.0	90.0
22	97.743	166.228	32.065	0.0	0.0	90.0
23	99.328	166.227	32.065	0.0	0.0	90.0
24	100.913	166.227	32.065	0.0	0.0	90.0
25	102.498	166.226	32.065	0.0	0.0	90.0
26	104.083	166.226	32.065	0.0	0.0	90.0
27	105.668	166.225	32.065	0.0	0.0	90.0
28	107.253	166.224	32.065	0.0	0.0	90.0

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Exterior Scene 1 / Luminares (coordinates list)

No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
29	108.838	166.224	32.065	0.0	0.0	90.0
30	110.423	166.223	32.065	0.0	0.0	90.0
31	112.008	166.223	32.065	0.0	0.0	90.0
32	113.593	166.222	32.065	0.0	0.0	90.0
33	115.178	166.222	32.065	0.0	0.0	90.0
34	116.763	166.221	32.065	0.0	0.0	90.0
35	118.348	166.220	32.065	0.0	0.0	90.0
36	119.933	166.220	32.065	0.0	0.0	90.0
37	121.518	166.219	32.065	0.0	0.0	90.0
38	123.103	166.219	32.065	0.0	0.0	90.0
39	124.688	166.218	32.065	0.0	0.0	90.0
40	126.273	166.218	32.065	0.0	0.0	90.0
41	127.858	166.217	32.065	0.0	0.0	90.0
42	129.443	166.216	32.065	0.0	0.0	90.0
43	131.028	166.216	32.065	0.0	0.0	90.0
44	132.613	166.215	32.065	0.0	0.0	90.0
45	134.198	166.215	32.065	0.0	0.0	90.0
46	135.783	166.214	32.065	0.0	0.0	90.0
47	137.368	166.214	32.065	0.0	0.0	90.0
48	138.953	166.213	32.065	0.0	0.0	90.0
49	140.538	166.212	32.065	0.0	0.0	90.0
50	142.123	166.212	32.065	0.0	0.0	90.0
51	143.708	166.211	32.065	0.0	0.0	90.0
52	145.293	166.211	32.065	0.0	0.0	90.0
53	146.878	166.210	32.065	0.0	0.0	90.0
54	148.463	166.210	32.065	0.0	0.0	90.0
55	150.048	166.209	32.065	0.0	0.0	90.0
56	151.633	166.208	32.065	0.0	0.0	90.0
57	153.218	166.208	32.065	0.0	0.0	90.0
58	154.803	166.207	32.065	0.0	0.0	90.0
59	156.388	166.207	32.065	0.0	0.0	90.0
60	157.973	166.206	32.065	0.0	0.0	90.0
61	159.558	166.206	32.065	0.0	0.0	90.0

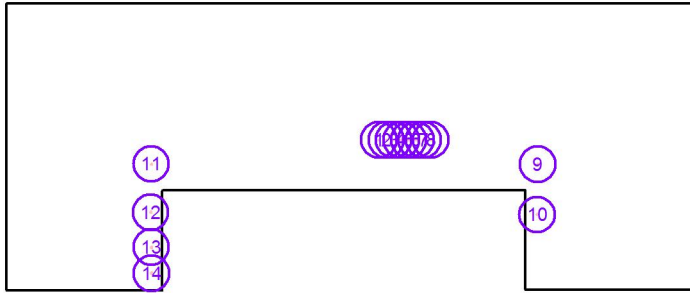
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Exterior Scene 1 / Luminaires (coordinates list)

iGuzzini illuminazione S.p.A BI19_LM11 iRoll 65 (small-big): Outdoor ceiling-mounted luminaire - 35W 3270lm - neut...

2526 lm, 41.2 W, 1 x 1 x LED / 35W (Correction Factor 1.000).

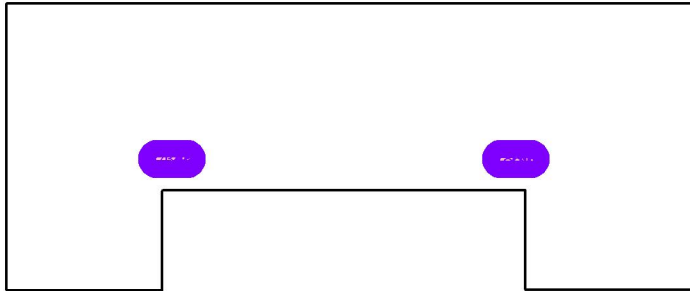


No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
1	124.672	172.867	6.768	0.0	0.0	90.0
2	127.312	172.867	6.768	0.0	0.0	90.0
3	129.952	172.867	6.768	0.0	0.0	90.0
4	132.592	172.867	6.768	0.0	0.0	90.0
5	135.232	172.867	6.768	0.0	0.0	90.0
6	137.872	172.867	6.768	0.0	0.0	90.0
7	140.512	172.867	6.768	0.0	0.0	90.0
8	143.152	172.867	6.768	0.0	0.0	90.0
9	181.160	164.347	3.318	-90.0	0.0	0.0
10	181.025	146.373	3.318	90.0	0.0	0.0
11	43.691	164.399	3.318	-90.0	0.0	0.0
12	43.449	147.108	3.318	90.0	0.0	0.0
13	43.679	134.906	3.318	-90.0	0.0	0.0
14	43.830	125.525	3.318	90.0	0.0	0.0

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iGuzzini illuminazione S.p.A BI56_LI76 Linealuce Compact: Wall-/Ceiling-mounted - 53W 3900lm - Warm White LED - 100-277V ac - L=1585mm - Wall Washer Spot Optic
3112 lm, 59.7 W, 1 x 1 x LED WARM (nr.33) (Correction Factor 1.000).



No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
1	55.602	166.123	12.860	0.0	180.0	-90.0
2	53.963	166.123	12.860	0.0	180.0	-90.0
3	52.324	166.123	12.860	0.0	180.0	-90.0
4	50.685	166.123	12.860	0.0	180.0	-90.0
5	49.047	166.123	12.860	0.0	180.0	-90.0
6	47.408	166.123	12.860	0.0	180.0	-90.0
7	45.769	166.123	12.860	0.0	180.0	-90.0
8	56.390	166.108	28.535	0.0	0.0	-89.4
9	54.751	166.108	28.535	0.0	0.0	-89.4
10	53.112	166.108	28.535	0.0	0.0	-89.4
11	51.474	166.108	28.535	0.0	0.0	-89.4
12	49.835	166.108	28.535	0.0	0.0	-89.4
13	48.196	166.108	28.535	0.0	0.0	-89.4
14	46.558	166.108	28.535	0.0	0.0	-89.4
15	177.937	166.044	12.860	0.0	180.0	-90.0
16	176.299	166.044	12.860	0.0	180.0	-90.0
17	174.660	166.044	12.860	0.0	180.0	-90.0
18	173.021	166.044	12.860	0.0	180.0	-90.0
19	171.382	166.044	12.860	0.0	180.0	-90.0
20	169.744	166.044	12.860	0.0	180.0	-90.0
21	168.105	166.044	12.860	0.0	180.0	-90.0
22	178.708	166.031	28.535	0.0	0.0	-89.4
23	177.069	166.031	28.535	0.0	0.0	-89.4
24	175.431	166.031	28.535	0.0	0.0	-89.4
25	173.792	166.031	28.535	0.0	0.0	-89.4
26	172.153	166.031	28.535	0.0	0.0	-89.4
27	170.515	166.031	28.535	0.0	0.0	-89.4
28	168.876	166.031	28.535	0.0	0.0	-89.4

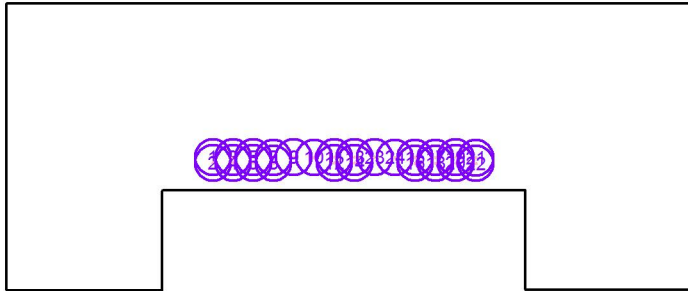
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Exterior Scene 1 / Luminaires (coordinates list)

iGuzzini illuminazione S.p.A BV01 MaxiWoody
5099 lm, 61.0 W, 1 x 1 x LED / 53W (Correction Factor 1.000).



No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
1	65.577	166.765	23.428	0.0	0.0	0.0
2	65.581	164.727	23.428	0.0	0.0	0.0
3	72.792	166.748	23.428	0.0	0.0	0.0
4	72.796	164.710	23.428	0.0	0.0	0.0
5	80.002	166.748	23.428	0.0	0.0	0.0
6	80.007	164.710	23.428	0.0	0.0	0.0
7	87.195	166.679	23.428	0.0	0.0	0.0
8	87.199	164.640	23.428	0.0	0.0	0.0
9	94.405	166.731	23.428	0.0	0.0	0.0
10	101.580	166.679	23.428	0.0	0.0	0.0
11	108.808	166.783	23.428	0.0	0.0	0.0
12	108.812	164.744	23.428	0.0	0.0	0.0
13	116.035	166.714	23.428	0.0	0.0	0.0
14	116.039	164.675	23.428	0.0	0.0	0.0
15	137.544	166.681	23.428	0.0	0.0	0.0
16	137.548	164.642	23.428	0.0	0.0	0.0
17	144.845	166.681	23.428	0.0	0.0	0.0
18	144.849	164.642	23.428	0.0	0.0	0.0
19	151.997	166.721	23.428	0.0	0.0	0.0
20	152.002	164.682	23.428	0.0	0.0	0.0
21	159.204	166.627	23.428	0.0	0.0	0.0
22	159.208	164.588	23.428	0.0	0.0	0.0
23	123.169	166.740	23.428	0.0	0.0	0.0
24	130.421	166.669	23.428	0.0	0.0	0.0

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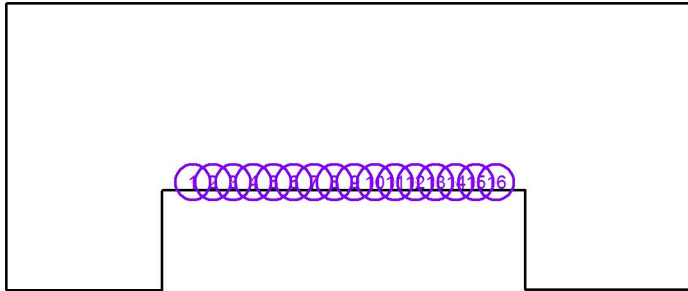
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Exterior Scene 1 / Luminaires (coordinates list)

iGuzzini illuminazione S.p.A BV01 MaxiWoody (Type 1)

2040 lm, 61.0 W, 1 x 1 x User defined (Correction Factor 1.000).



No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
1	58.438	157.904	32.319	0.0	-178.0	90.0
2	65.638	157.904	32.319	0.0	-178.0	90.0
3	72.838	157.904	32.319	0.0	-178.0	90.0
4	80.038	157.904	32.319	0.0	-178.0	90.0
5	87.238	157.904	32.319	0.0	-178.0	90.0
6	94.438	157.904	32.319	0.0	-178.0	90.0
7	101.638	157.904	32.319	0.0	-178.0	90.0
8	108.838	157.904	32.319	0.0	-178.0	90.0
9	116.038	157.904	32.319	0.0	-178.0	90.0
10	123.238	157.904	32.319	0.0	-178.0	90.0
11	130.438	157.904	32.319	0.0	-178.0	90.0
12	137.638	157.904	32.319	0.0	-178.0	90.0
13	144.838	157.904	32.319	0.0	-178.0	90.0
14	152.038	157.904	32.319	0.0	-178.0	90.0
15	159.238	157.904	32.319	0.0	-178.0	90.0
16	166.438	157.904	32.319	0.0	-178.0	90.0

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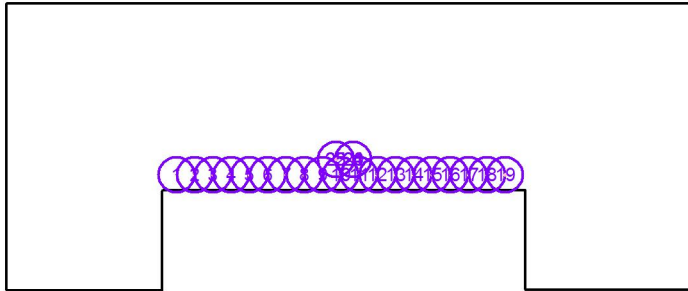
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Exterior Scene 1 / Luminaires (coordinates list)

iGuzzini illuminazione S.p.A BV04+6190 MaxiWoody

5837 lm, 61.0 W, 1 x 1 x LED / 53W (Correction Factor 1.000).



No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
1	52.624	160.556	32.819	0.0	140.0	90.0
2	59.124	160.556	32.819	0.0	140.0	90.0
3	65.624	160.556	32.819	0.0	140.0	90.0
4	72.124	160.556	32.819	0.0	140.0	90.0
5	78.624	160.556	32.819	0.0	140.0	90.0
6	85.124	160.556	32.819	0.0	140.0	90.0
7	91.624	160.556	32.819	0.0	140.0	90.0
8	98.124	160.556	32.819	0.0	140.0	90.0
9	104.624	160.556	32.819	0.0	140.0	90.0
10	111.124	160.556	32.819	0.0	140.0	90.0
11	117.624	160.556	32.819	0.0	140.0	90.0
12	124.124	160.556	32.819	0.0	140.0	90.0
13	130.624	160.556	32.819	0.0	140.0	90.0
14	137.124	160.556	32.819	0.0	140.0	90.0
15	143.624	160.556	32.819	0.0	140.0	90.0
16	150.124	160.556	32.819	0.0	140.0	90.0
17	156.624	160.556	32.819	0.0	140.0	90.0
18	163.124	160.556	32.819	0.0	140.0	90.0
19	169.624	160.556	32.819	0.0	140.0	90.0
20	115.594	166.000	23.428	0.0	45.0	0.0
21	115.551	166.000	15.319	0.0	134.5	0.6
22	109.368	166.001	23.428	0.0	-45.0	0.6
23	109.325	166.001	15.319	0.0	-135.0	0.0
24	115.561	165.999	30.319	0.0	45.0	0.6
25	109.335	166.001	30.319	0.0	-45.0	0.6

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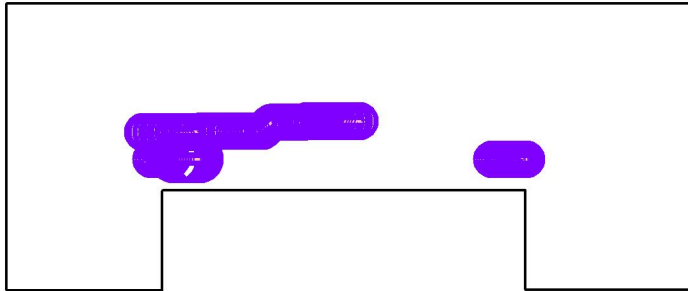
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Exterior Scene 1 / Luminaires (coordinates list)

**iGuzzini illuminazione S.p.A M826 (1.0 M)_LX27 Ledstrip: flexible strip - 5m - 24W 12V
LED blanco 3000 K**

410 lm, 4.8 W, 1 x 1 x LED / 4.8W (Correction Factor 1.000).



No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
1	61.537	176.000	7.504	0.0	0.0	90.0
2	62.607	176.000	7.504	0.0	0.0	90.0
3	63.678	176.001	7.504	0.0	0.0	90.0
4	64.749	176.001	7.504	0.0	0.0	90.0
5	65.819	176.001	7.504	0.0	0.0	90.0
6	66.890	176.001	7.504	0.0	0.0	90.0
7	67.961	176.002	7.504	0.0	0.0	90.0
8	69.031	176.002	7.504	0.0	0.0	90.0
9	70.102	176.002	7.504	0.0	0.0	90.0
10	71.173	176.002	7.504	0.0	0.0	90.0
11	72.243	176.003	7.504	0.0	0.0	90.0
12	73.314	176.003	7.504	0.0	0.0	90.0
13	74.385	176.003	7.504	0.0	0.0	90.0
14	75.455	176.003	7.504	0.0	0.0	90.0
15	76.526	176.004	7.504	0.0	0.0	90.0
16	77.597	176.004	7.504	0.0	0.0	90.0
17	78.667	176.004	7.504	0.0	0.0	90.0
18	79.738	176.004	7.504	0.0	0.0	90.0
19	80.809	176.005	7.504	0.0	0.0	90.0
20	81.879	176.005	7.504	0.0	0.0	90.0
21	87.285	179.216	7.504	0.0	0.0	90.2
22	88.466	179.220	7.504	0.0	0.0	90.2
23	89.646	179.224	7.504	0.0	0.0	90.2
24	90.826	179.228	7.504	0.0	0.0	90.2
25	92.007	179.232	7.504	0.0	0.0	90.2
26	93.187	179.236	7.504	0.0	0.0	90.2
27	94.367	179.241	7.504	0.0	0.0	90.2
28	95.548	179.245	7.504	0.0	0.0	90.2

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Exterior Scene 1 / Luminaires (coordinates list)

No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
29	96.728	179.249	7.504	0.0	0.0	90.2
30	97.908	179.253	7.504	0.0	0.0	90.2
31	83.442	176.143	7.504	0.0	0.0	135.0
32	84.108	176.808	7.504	0.0	0.0	135.0
33	84.774	177.473	7.504	0.0	0.0	135.0
34	85.439	178.138	7.504	0.0	0.0	135.0
35	86.105	178.803	7.504	0.0	0.0	135.0
36	40.677	175.704	0.078	-22.0	0.0	90.0
37	41.674	175.704	0.480	-22.0	0.0	90.0
38	42.671	175.704	0.883	-22.0	0.0	90.0
39	43.668	175.704	1.286	-22.0	0.0	90.0
40	44.665	175.704	1.689	-22.0	0.0	90.0
41	45.662	175.704	2.092	-22.0	0.0	90.0
42	46.659	175.704	2.494	-22.0	0.0	90.0
43	47.656	175.704	2.897	-22.0	0.0	90.0
44	48.653	175.704	3.300	-22.0	0.0	90.0
45	49.650	175.704	3.703	-22.0	0.0	90.0
46	50.646	175.704	4.105	-22.0	0.0	90.0
47	51.643	175.704	4.508	-22.0	0.0	90.0
48	52.640	175.704	4.911	-22.0	0.0	90.0
49	53.637	175.704	5.314	-22.0	0.0	90.0
50	54.634	175.704	5.716	-22.0	0.0	90.0
51	55.631	175.704	6.119	-22.0	0.0	90.0
52	56.628	175.704	6.522	-22.0	0.0	90.0
53	57.625	175.704	6.925	-22.0	0.0	90.0
54	58.622	175.704	7.328	-22.0	0.0	90.0
55	59.619	175.704	7.730	-22.0	0.0	90.0
56	99.156	179.509	7.686	22.0	0.0	90.0
57	100.142	179.509	7.288	22.0	0.0	90.0
58	101.127	179.509	6.890	22.0	0.0	90.0
59	102.112	179.509	6.491	22.0	0.0	90.0
60	103.097	179.509	6.093	22.0	0.0	90.0
61	104.083	179.509	5.695	22.0	0.0	90.0
62	105.068	179.509	5.297	22.0	0.0	90.0
63	106.053	179.509	4.899	22.0	0.0	90.0
64	107.038	179.508	4.501	22.0	0.0	90.0
65	108.024	179.508	4.103	22.0	0.0	90.0
66	109.009	179.508	3.705	22.0	0.0	90.0

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Exterior Scene 1 / Luminaires (coordinates list)

No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
67	109.994	179.508	3.307	22.0	0.0	90.0
68	110.979	179.508	2.909	22.0	0.0	90.0
69	111.965	179.508	2.511	22.0	0.0	90.0
70	112.950	179.508	2.113	22.0	0.0	90.0
71	113.935	179.508	1.715	22.0	0.0	90.0
72	114.920	179.508	1.317	22.0	0.0	90.0
73	115.906	179.508	0.918	22.0	0.0	90.0
74	116.891	179.508	0.520	22.0	0.0	90.0
75	117.876	179.508	0.122	22.0	0.0	90.0
76	165.063	165.994	11.504	30.0	-45.0	90.0
77	165.929	165.994	11.004	30.0	-45.0	90.0
78	166.795	165.994	10.504	30.0	-45.0	90.0
79	167.661	165.994	10.004	30.0	-45.0	90.0
80	168.527	165.994	9.504	30.0	-45.0	90.0
81	169.393	165.994	9.004	30.0	-45.0	90.0
82	170.259	165.994	8.504	30.0	-45.0	90.0
83	171.125	165.994	8.004	30.0	-45.0	90.0
84	171.991	165.994	7.504	30.0	-45.0	90.0
85	172.857	165.994	7.004	30.0	-45.0	90.0
86	173.723	165.994	6.504	30.0	-45.0	90.0
87	174.589	165.994	6.004	30.0	-45.0	90.0
88	175.455	165.994	5.504	30.0	-45.0	90.0
89	176.321	165.994	5.004	30.0	-45.0	90.0
90	177.187	165.994	4.504	30.0	-45.0	90.0
91	43.649	166.013	4.989	-25.0	-45.0	90.0
92	44.555	166.013	5.412	-25.0	-45.0	90.0
93	45.461	166.013	5.834	-25.0	-45.0	90.0
94	46.368	166.013	6.257	-25.0	-45.0	90.0
95	47.274	166.013	6.680	-25.0	-45.0	90.0
96	48.180	166.013	7.102	-25.0	-45.0	90.0
97	49.087	166.013	7.525	-25.0	-45.0	90.0
98	49.993	166.013	7.947	-25.0	-45.0	90.0
99	50.899	166.013	8.370	-25.0	-45.0	90.0
100	51.805	166.013	8.793	-25.0	-45.0	90.0
101	52.712	166.013	9.215	-25.0	-45.0	90.0
102	53.618	166.013	9.638	-25.0	-45.0	90.0
103	54.524	166.013	10.061	-25.0	-45.0	90.0
104	55.431	166.013	10.483	-25.0	-45.0	90.0

Sinclair Knight Merz (Europe) Limited

The Metro Building, 4th Floor, 33 Trafford Road
Manchester M5 3NNOperator Syed Zaidi
Telephone 0161 875 4363
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e-Mail szaidi@globalskm.com**Exterior Scene 1 / Luminaires (coordinates list)**

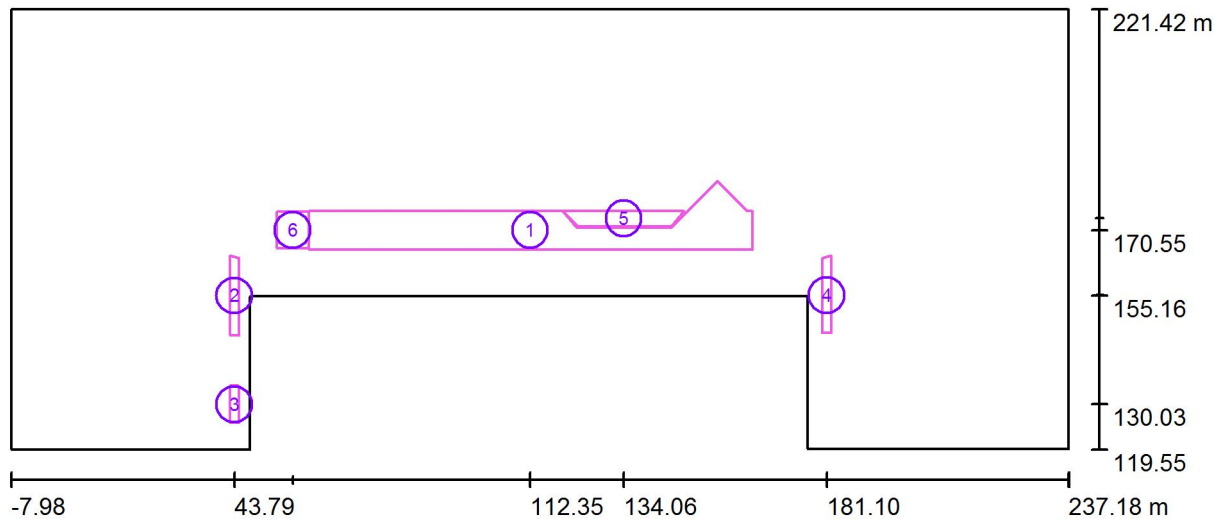
No.	Position [m]			Rotation [°]		
	X	Y	Z	X	Y	Z
105	56.337	166.013	10.906	-25.0	-45.0	90.0
106	57.243	166.013	11.328	-25.0	-45.0	90.0
107	58.150	166.013	11.751	-25.0	-45.0	90.0
108	59.056	166.013	12.174	-25.0	-45.0	90.0
109	59.962	166.013	12.596	-25.0	-45.0	90.0
110	60.869	166.013	13.019	-25.0	-45.0	90.0

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Exterior Scene 1 / Calculation surfaces (results overview)



Scale 1 : 1753

Calculation Surface List

No.	Designation	Type	Grid	E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u_0	E_{min} / E_{max}
1	Podium	perpendicular	128 x 128	128	9.24	404	0.072	0.023
2	Kop's Entrance 1	perpendicular	4 x 32	15	5.76	26	0.384	0.220
3	Kop's Entrance 2	perpendicular	4 x 16	21	13	31	0.643	0.435
4	Anfield Road Entrance	perpendicular	128 x 128	16	7.12	27	0.438	0.267
5	Mainstand Entrance	perpendicular	64 x 8	126	6.37	176	0.051	0.036
6	Stairs Kop's End	perpendicular	32 x 32	78	23	393	0.292	0.058

Summary of Results

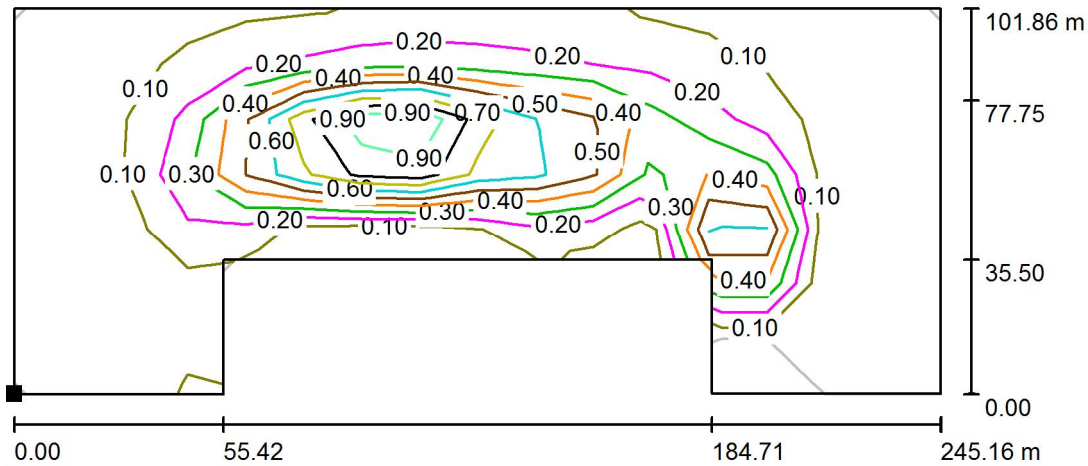
Type	Quantity	Average [lx]	Min [lx]	Max [lx]	u_0	E_{min} / E_{max}
perpendicular	6	115	5.76	404	0.05	0.01

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Exterior Scene 1 / Stadium / Surface 1 / Isolines (L)



Values in Candela/m², Scale 1 : 2000

Position of surface in external scene:
Marked point:
(-7.976 m, 119.554 m, 0.000 m)



Grid: 16 x 7 Points

L_{av} [cd/m²]
0.20

L_{min} [cd/m²]
0.00

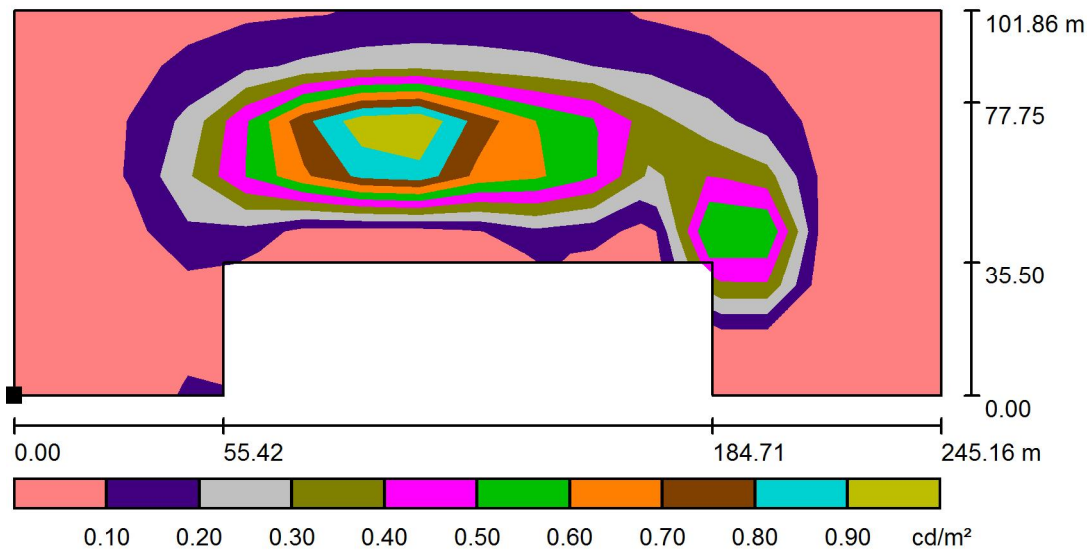
L_{max} [cd/m²]
1.62

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Exterior Scene 1 / Stadium / Surface 1 / Greyscale (L)



Scale 1 : 2000

Position of surface in external scene:

Marked point:

(-7.976 m, 119.554 m, 0.000 m)



Grid: 16 x 7 Points

L_{av} [cd/m²]
0.20

L_{min} [cd/m²]
0.00

L_{max} [cd/m²]
1.62

TYPE A1	Part Code
LINEALUCE COMPACT Surface mounted warm white linear LED wall washer luminaire with integral driver, 53W 1550mm in length. Requires connecting wiring accessories and surface brackets. B.C.	BI56
Quantity	20

TYPE A2	Part Code
LINEALUCE COMPACT Surface mounted neutral white linear LED wall washer luminaire with integral driver, 53W 1550mm in length. Requires connecting wiring accessories and surface brackets. B.C.	BI52 & BI50
Quantity	13 + 52

TYPE B1	Part Code
RCL Surface mounted LED down light with 53W neutral white source, 50 degree flood optic. Complete with integral control gear.	BI19
Quantity	TBC

TYPE C1	Part Code
LEDSTRIP TUBE Warm white, high power LED tape supplied in 5m reels. Can be cut to suit requirements. Requires suitable channel fitting, stabil and remote driver(s).	MC20+Drivers
Quantity	180m & Drivers

TYPE D1	Part Code
MAXI WOODY Surface mounted LED down light with warm white 53W LED source with 8 degree optics. Also with flag bracket and integral driver.	BI01
Quantity	14

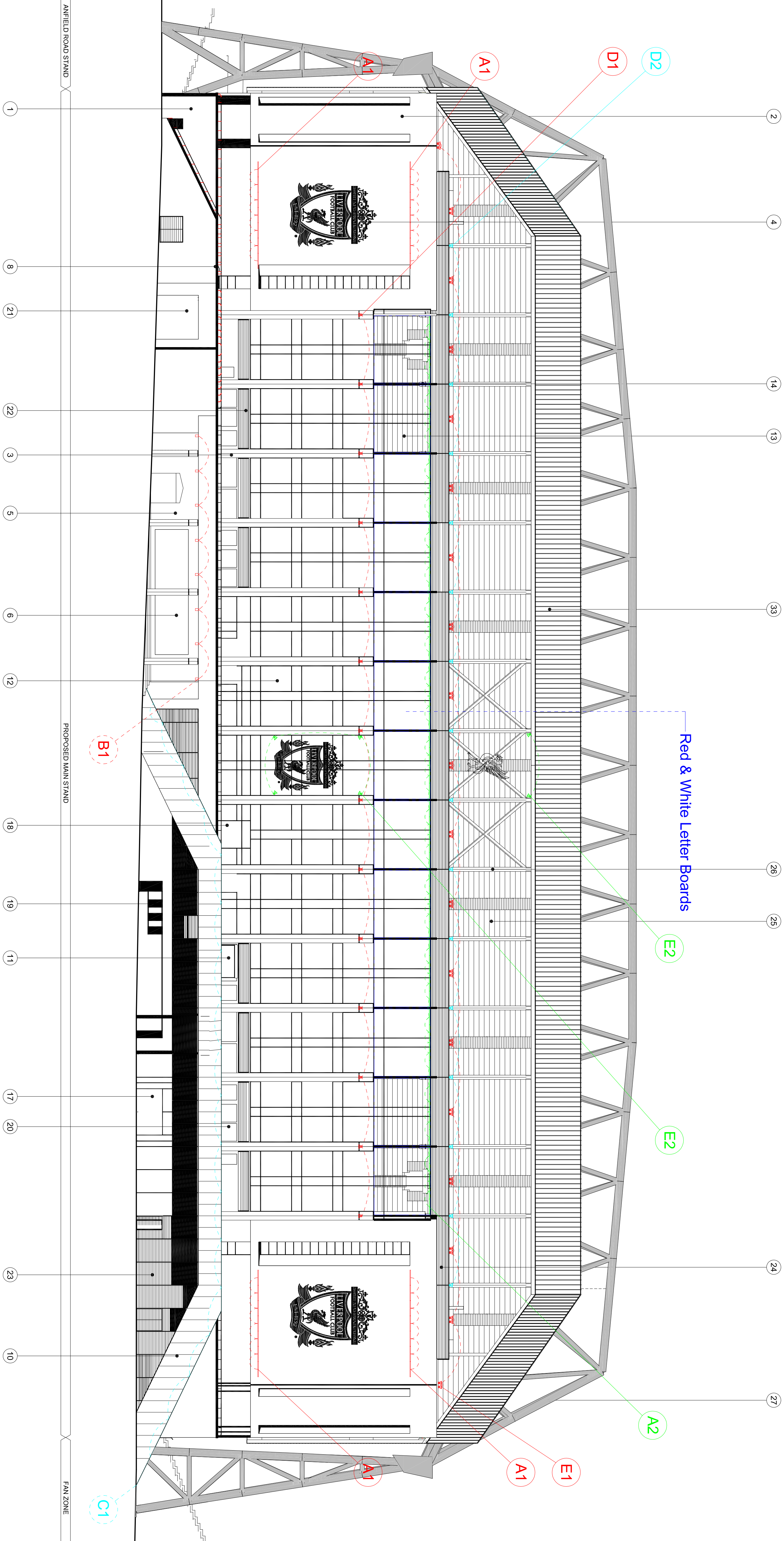
TYPE D2	Part Code
MAXI WOODY Surface mounted LED down light with warm white 53W LED source with 8 degree optics. Also with flag bracket, integral driver and RED clear glass accessory.	BI01+1158/05
Quantity	16

TYPE E1	Part Code
MAXI WOODY Surface mounted LED down light with neutral white 53W LED source with 40 degree optics. Also with flag bracket, integral driver and premium glass lens accessory.	BI04+6190
Quantity	20

TYPE E2	Part Code
MAXI WOODY Surface mounted LED down light with neutral white 53W LED source with 40 degree optics. Also with flag bracket, integral driver, pneumatic glass lens and barn door accessory flag.	BI04+6190+5507
Quantity	6

Lighting club badges.

Red & White Letter Boards



iGuzzini

SKM & Design team

LFC

Main Stand Facade Lighting
Proposal for Verification

DATE	REVISION
07 05 2014	REV3
SCALE	QTD
NTS @ A1	-

iGuzzini Illuminazione (UK) Ltd - Ashted Business Park, Ashted Way, Off Old Portsmouth Road, Guildford, Surrey, GU3 1NE - United Kingdom - E-mail: info@iguzzini.co.uk
www.iguzzini.co.uk

Luminaire Location Summary for Facade Lighting by iGuzzini						
LumNo	Label	X	Y	Z	Orient	Tilt
1029	BH06_LI69_3	336144.1	393138.9	84.77	139.385	0
1030	BH06_LI69_3	336145.2	393140.1	84.77	139.385	0
1028	BH06_LI69_3	336146.2	393141.3	84.77	139.385	0
1027	BH06_LI69_3	336147.2	393142.5	84.77	139.385	0
1024	BH06_LI69_3	336148.8	393144.3	84.77	139.385	0
1025	BH06_LI69_3	336149.8	393145.5	84.77	139.385	0
1023	BH06_LI69_3	336150.9	393146.7	84.77	139.385	0
1022	BH06_LI69_3	336151.9	393147.9	84.77	139.385	0
1019	BH06_LI69_3	336153.5	393149.8	84.77	139.385	0
1020	BH06_LI69_3	336154.5	393151	84.77	139.385	0
1018	BH06_LI69_3	336155.6	393152.2	84.77	139.385	0
1017	BH06_LI69_3	336156.6	393153.4	84.77	139.385	0
1014	BH06_LI69_3	336158.2	393155.2	84.77	139.385	0
1015	BH06_LI69_3	336159.2	393156.4	84.77	139.385	0
1013	BH06_LI69_3	336160.3	393157.6	84.77	139.385	0
1012	BH06_LI69_3	336161.3	393158.8	84.77	139.385	0
1009	BH06_LI69_3	336162.9	393160.7	84.77	139.385	0
1010	BH06_LI69_3	336163.9	393161.9	84.77	139.385	0
1008	BH06_LI69_3	336164.9	393163.1	84.77	139.385	0
1007	BH06_LI69_3	336165.9	393164.3	84.77	139.385	0
1004	BH06_LI69_3	336167.6	393166.2	84.77	139.385	0
1005	BH06_LI69_3	336168.6	393167.3	84.77	139.385	0
1003	BH06_LI69_3	336169.6	393168.6	84.77	139.385	0
1002	BH06_LI69_3	336170.7	393169.7	84.77	139.385	0
999	BH06_LI69_3	336172.3	393171.6	84.77	139.385	0
1000	BH06_LI69_3	336173.3	393172.8	84.77	139.385	0
998	BH06_LI69_3	336174.3	393174	84.77	139.385	0
997	BH06_LI69_3	336175.3	393175.2	84.77	139.385	0
994	BH06_LI69_3	336176.9	393177.1	84.77	139.385	0
995	BH06_LI69_3	336177.9	393178.3	84.77	139.385	0
993	BH06_LI69_3	336179	393179.5	84.77	139.385	0
992	BH06_LI69_3	336180	393180.7	84.77	139.385	0
989	BH06_LI69_3	336181.6	393182.6	84.77	139.385	0
990	BH06_LI69_3	336182.6	393183.7	84.77	139.385	0
988	BH06_LI69_3	336183.7	393185	84.77	139.385	0
987	BH06_LI69_3	336184.7	393186.1	84.77	139.385	0
984	BH06_LI69_3	336186.4	393188	84.77	139.385	0
985	BH06_LI69_3	336187.4	393189.2	84.77	139.385	0
983	BH06_LI69_3	336188.4	393190.4	84.77	139.385	0
982	BH06_LI69_3	336189.4	393191.6	84.77	139.385	0
979	BH06_LI69_3	336191	393193.5	84.77	139.385	0
980	BH06_LI69_3	336192.1	393194.7	84.77	139.385	0
978	BH06_LI69_3	336193.1	393195.9	84.77	139.385	0
977	BH06_LI69_3	336194.1	393197.1	84.77	139.385	0
974	BH06_LI69_3	336195.8	393198.9	84.77	139.385	0
975	BH06_LI69_3	336196.8	393200.1	84.77	139.385	0
973	BH06_LI69_3	336197.8	393201.3	84.77	139.385	0
972	BH06_LI69_3	336198.9	393202.5	84.77	139.385	0
969	BH06_LI69_3	336200.4	393204.4	84.77	139.385	0
970	BH06_LI69_3	336201.5	393205.6	84.77	139.385	0
968	BH06_LI69_3	336202.5	393206.8	84.77	139.385	0
967	BH06_LI69_3	336203.5	393208	84.77	139.385	0

TOTAL NUMBER OF LUMINAIRE TYPE						52
1031	BI19_LM11_3	336145.6	393140.7	84.77	0	0
1026	BI19_LM11_3	336150.2	393146.2	84.77	0	0
1021	BI19_LM11_3	336155	393151.7	84.77	0	0
1016	BI19_LM11_3	336159.7	393157.1	84.77	0	0
1011	BI19_LM11_3	336164.3	393162.6	84.77	0	0
1006	BI19_LM11_3	336169	393168	84.77	0	0
1001	BI19_LM11_3	336173.7	393173.5	84.77	0	0
996	BI19_LM11_3	336178.4	393179	84.77	0	0
991	BI19_LM11_3	336183.1	393184.4	84.77	0	0
938	BI19_LM11_3	336173.2	393185.9	62.79	0	0
937	BI19_LM11_3	336175.4	393188.6	62.79	0	0
986	BI19_LM11_3	336187.8	393189.9	84.77	0	0
936	BI19_LM11_3	336177.9	393191.4	62.79	0	0
935	BI19_LM11_3	336180.6	393194.5	62.79	0	0
981	BI19_LM11_3	336192.5	393195.4	84.77	0	0
934	BI19_LM11_3	336182.6	393196.9	62.79	0	0
933	BI19_LM11_3	336185.1	393199.5	62.79	0	0
976	BI19_LM11_3	336197.2	393200.8	84.77	0	0
932	BI19_LM11_3	336187.5	393202.3	62.79	0	0
931	BI19_LM11_3	336189.5	393204.7	62.79	0	0
971	BI19_LM11_3	336201.9	393206.3	84.77	0	0
TOTAL NUMBER OF LUMINAIRE TYPE						20
963	BI56_LI76_3	336135.6	393125.2	69	139.558	0
964	BI56_LI76_3	336135.6	393125.2	84.77	139.558	0
955	BI56_LI76_3	336136.6	393126.3	69	139.558	0
957	BI56_LI76_3	336136.6	393126.3	84.77	139.558	0
956	BI56_LI76_3	336137.6	393127.5	84.77	139.558	0
962	BI56_LI76_3	336137.6	393127.5	69	139.558	0
954	BI56_LI76_3	336138.6	393128.7	84.77	139.558	0
961	BI56_LI76_3	336138.6	393128.7	69	139.558	0
960	BI56_LI76_3	336139.6	393129.9	69	139.558	0
953	BI56_LI76_3	336139.7	393129.9	84.77	139.558	0
952	BI56_LI76_3	336140.7	393131	84.77	139.558	0
959	BI56_LI76_3	336140.6	393131.1	69	139.558	0
958	BI56_LI76_3	336141.6	393132.2	69	139.558	0
951	BI56_LI76_3	336141.7	393132.2	84.77	139.558	0
944	BI56_LI76_3	336209.7	393211.5	84.77	139.558	0
950	BI56_LI76_3	336209.7	393211.5	69	139.558	0
943	BI56_LI76_3	336210.7	393212.6	84.77	139.558	0
949	BI56_LI76_3	336210.7	393212.6	69	139.558	0
942	BI56_LI76_3	336211.7	393213.8	84.77	139.558	0
948	BI56_LI76_3	336211.7	393213.8	69	139.558	0
941	BI56_LI76_3	336212.7	393215	84.77	139.558	0
947	BI56_LI76_3	336212.7	393215	69	139.558	0
946	BI56_LI76_3	336213.7	393216.2	69	139.558	0
940	BI56_LI76_3	336213.8	393216.2	84.77	139.558	0
945	BI56_LI76_3	336214.7	393217.4	69	139.558	0
939	BI56_LI76_3	336214.8	393217.4	84.77	139.558	0
966	BI56_LI76_3	336215.7	393218.5	69	139.558	0
965	BI56_LI76_3	336215.8	393218.5	84.77	139.558	0
TOTAL NUMBER OF LUMINAIRE TYPE						28
1049	M826_5_1_LX27_3	336121	393125.5	63.5	320.67	0

1047	M826_5_1_LX27_3	336123.9	393128.9	65.5	320.67	0
1046	M826_5_1_LX27_3	336126.9	393132.4	67.5	320.67	0
1045	M826_5_1_LX27_3	336129.8	393135.8	69.5	320.67	0
1044	M826_5_1_LX27_3	336132.8	393139.3	69.5	320.67	0
1043	M826_5_1_LX27_3	336135.7	393142.7	69.5	320.67	0
1042	M826_5_1_LX27_3	336138.7	393146.1	69.5	320.67	0
1041	M826_5_1_LX27_3	336141.7	393149.6	69.5	320.67	0
1040	M826_5_1_LX27_3	336144.6	393153	69.5	320.67	0
1039	M826_5_1_LX27_3	336147.6	393156.5	69.5	320.67	0
1038	M826_5_1_LX27_3	336147.3	393161	69.5	4.563	0
1037	M826_5_1_LX27_3	336149.2	393164.7	69.5	320.357	0
1036	M826_5_1_LX27_3	336152.2	393168.2	69.5	320.357	0
1035	M826_5_1_LX27_3	336155.1	393171.6	69.5	320.357	0
1034	M826_5_1_LX27_3	336158.1	393175.1	69.5	320.357	0
1033	M826_5_1_LX27_3	336161.1	393178.5	67.5	320.357	0
1032	M826_5_1_LX27_3	336164	393181.9	65.3	320.357	0
1048	M826_5_1_LX27_3	336167	393185.4	63.54	320.357	0
TOTAL NUMBER OF LUMINAIRE TYPE						
					18	
1126	TYPE B1 WOODY FACADE	336176.7	393187.2	63.07	344.277	0
1125	TYPE B1 WOODY FACADE	336178.5	393189.2	63.07	344.277	0
1124	TYPE B1 WOODY FACADE	336180.2	393191.2	63.07	344.277	0
1123	TYPE B1 WOODY FACADE	336181.9	393193.2	63.07	344.277	0
1122	TYPE B1 WOODY FACADE	336183.6	393195.2	63.07	344.277	0
1121	TYPE B1 WOODY FACADE	336185.3	393197.2	63.07	344.277	0
1120	TYPE B1 WOODY FACADE	336187.1	393199.2	63.07	344.277	0
1119	TYPE B1 WOODY FACADE	336188.8	393201.2	63.07	344.277	0
TOTAL NUMBER OF LUMINAIRE TYPE						
					8	
1104	TYPE-D1 WOODY FACADE	336143.1	393138.1	79.52	308.418	0
1103	TYPE-D1 WOODY FACADE	336147.8	393143.6	79.52	308.418	0
1102	TYPE-D1 WOODY FACADE	336152.5	393149	79.52	308.418	0
1101	TYPE-D1 WOODY FACADE	336157.2	393154.5	79.52	308.418	0
1100	TYPE-D1 WOODY FACADE	336161.8	393160	79.52	308.418	0
1099	TYPE-D1 WOODY FACADE	336166.5	393165.4	79.52	308.418	0
1098	TYPE-D1 WOODY FACADE	336171.2	393170.9	79.52	308.418	0
1097	TYPE-D1 WOODY FACADE	336175.9	393176.4	79.52	308.418	0
1096	TYPE-D1 WOODY FACADE	336180.6	393181.8	79.52	308.418	0
1095	TYPE-D1 WOODY FACADE	336185.3	393187.3	79.52	308.418	0
1094	TYPE-D1 WOODY FACADE	336190	393192.8	79.52	308.418	0
1093	TYPE-D1 WOODY FACADE	336194.7	393198.2	79.52	308.418	0
1092	TYPE-D1 WOODY FACADE	336199.3	393203.7	79.52	308.418	0
1091	TYPE-D1 WOODY FACADE	336204	393209.2	79.52	308.418	0
TOTAL NUMBER OF LUMINAIRE TYPE						
					13	

