

FOUNDRY

PRSM-2613

Ferry Island, Tottenham Hale

TITLE	DATE	REVISION	DOCUMENT NO.
Exterior Options Report	20.08.2025	P01	TH-IS-00-001-J-2613-63-910

Public Realm

Original Design - Layout and Specification



XC1

Description : Light Column
Manufacturer : We-ef
Product : LTM440 LED-FT
Wattage : 27W
Lumen Output : 2732Lm
Total QTY (area) : 7no.



XG1

Description : In-ground Uplight
Manufacturer : Meyer
Product : Uplight 180 S
Wattage : 11W
Lumen Output : 1921 Lm
Total QTY (area) : 46no.



XL1

Description : Low Output Flexible linear LED
Manufacturer : Kempes
Product : Flexus 7 Silicone
Wattage : 12W/m
Lumen Output : 750-900 Lm/w
Total QTY (area) : 26.3M



XS1 + XC2

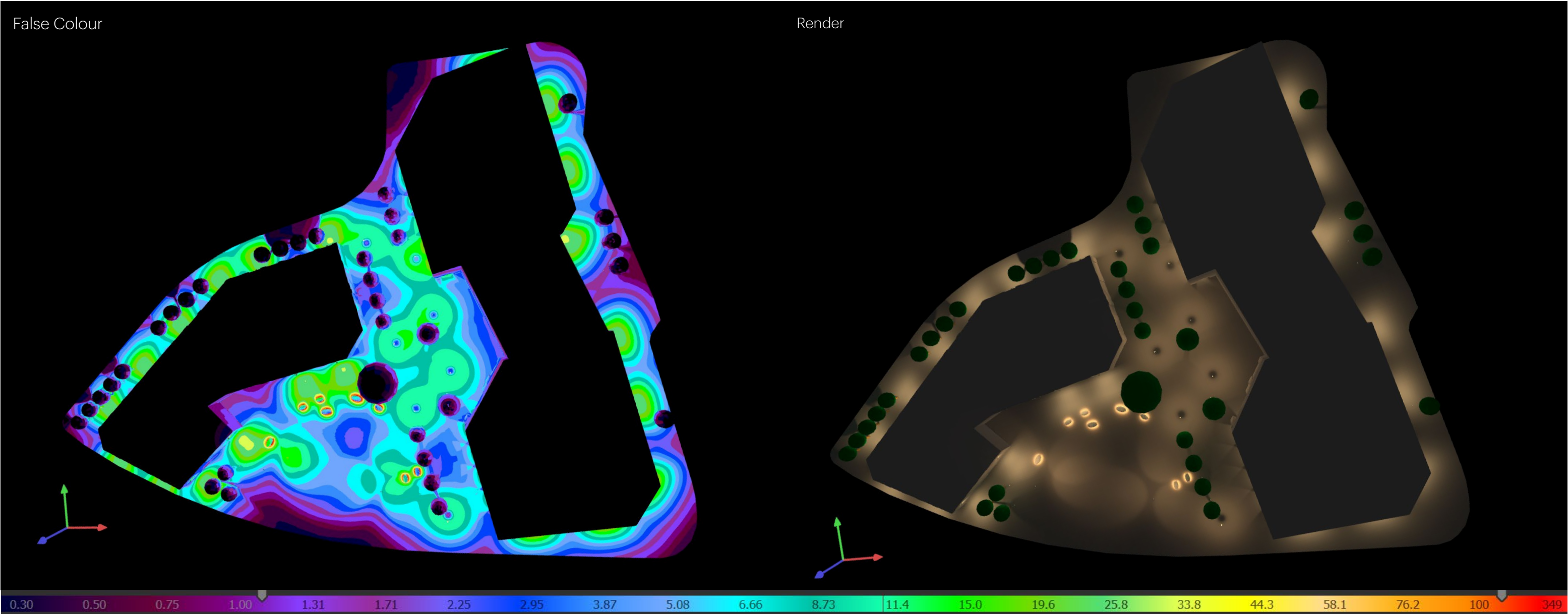
Description : Projector + Column
Manufacturer : Meyer + We-ef
Product : Monospot 2 x3no. + AM-K 80 Poles
Wattage : 15W
Lumen Output : 1068Lm
Total QTY (area) : 2no.



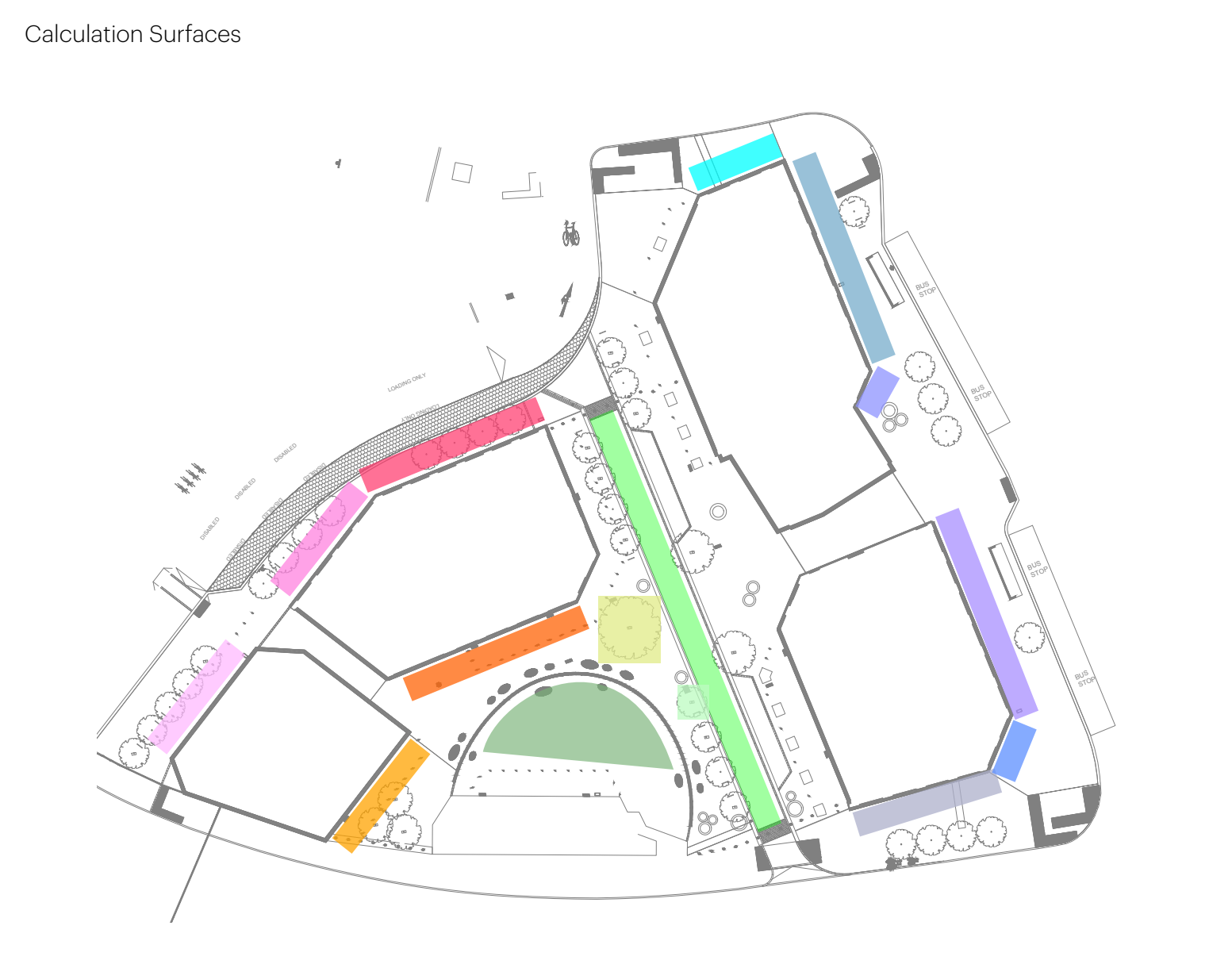
XWL1

Description : Wall monted Flood Light
Manufacturer : BEGA
Product : Surface Washer
Wattage : 22.5W
Lumen Output : 2452Lm
Total QTY (area) : 21no.

Original Design - Calculation Result



All luminaires are currently at 100% output.



Index	Description	E(average)
CG1	Building 2 Perimeter 1	28.7 lx
CG2	Building 2 Perimeter 2	29.0 lx
CG3	Building 2 Perimeter 3	32.0 lx
CG4	Building 2 Perimeter 4	27.1 lx
CG5	Building 2 Perimeter 5	23.7 lx
CG6	Building 1 Perimeter 1	34.2 lx
CG7	Building 1 Perimeter 2	26.9 lx
CG8	Building 1 Perimeter 3	22.0 lx
CG9	Building 1 Perimeter 4	47.5 lx
CG10	Building 1 Perimeter 5	22.4 lx
CG11	Building 1 Perimeter6	33.8 lx
CG12	General	12.0 lx
CG13	Cycle Path	13.5 lx
CG14	Small Tree	43.5 lx
CG15	Large Tree	24.7 lx

Alternative Design - Layout and Specification



XC1 NEW
Description : Light Column
Manufacturer : Rosa
Product : KARIN 3600 LED 48W
Wattage : 48W
Lumen Output : 4900 Lm
Total QTY (area) : 7no.
Change Reason : Commando socket required as a custom



XG1 NEW
Description : In-ground Uplight
Manufacturer : Phos
Product : Pano Midi Adjustable
Wattage : 8.9W
Lumen Output : 867 Lm
Total QTY (area) : 49no.
Change Reason : Fixture output too high for purpose
Smaller fixture to suit grilles



XL1
Description : Low Output Flexible linear LED
Manufacturer : Kempes
Product : Flexus 7 Silicone
Wattage : 12W/m
Lumen Output : 750-900 Lm/w
Total QTY (area) : 26.3M

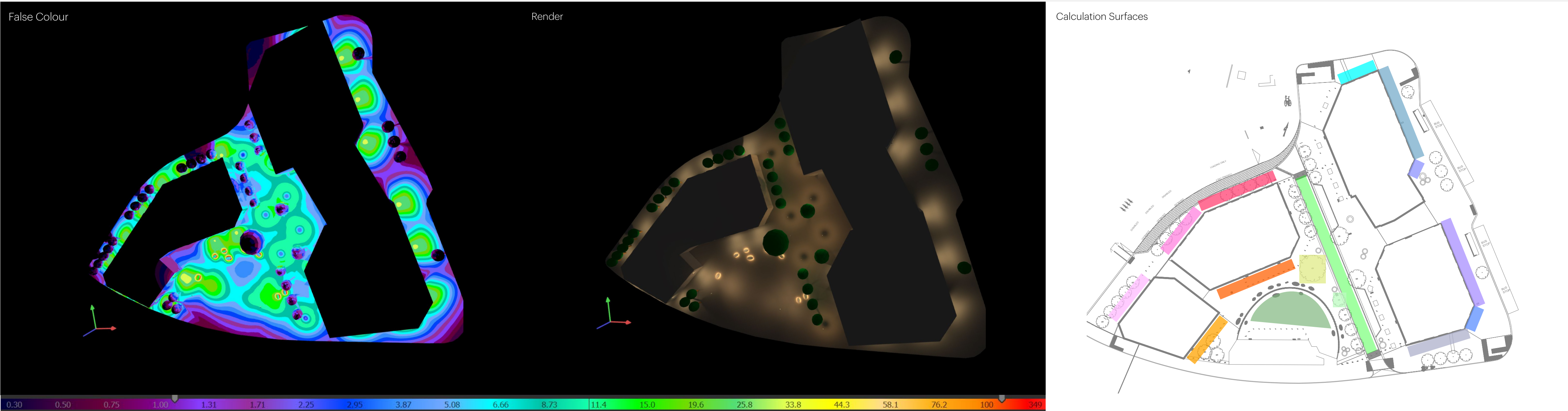


XS1 + XC2 NEW
Description : Projector + Column
Manufacturer : Selux
Product : Olivio Medio (RGBW x2no. + 2700K x1no.) + Column
Wattage : 35W
Lumen Output : 1800 Lm
Total QTY (area) : 2no.
Change Reason : Previous Fixture did not include RGBW
Consistency with pole and spotlight manufacturer



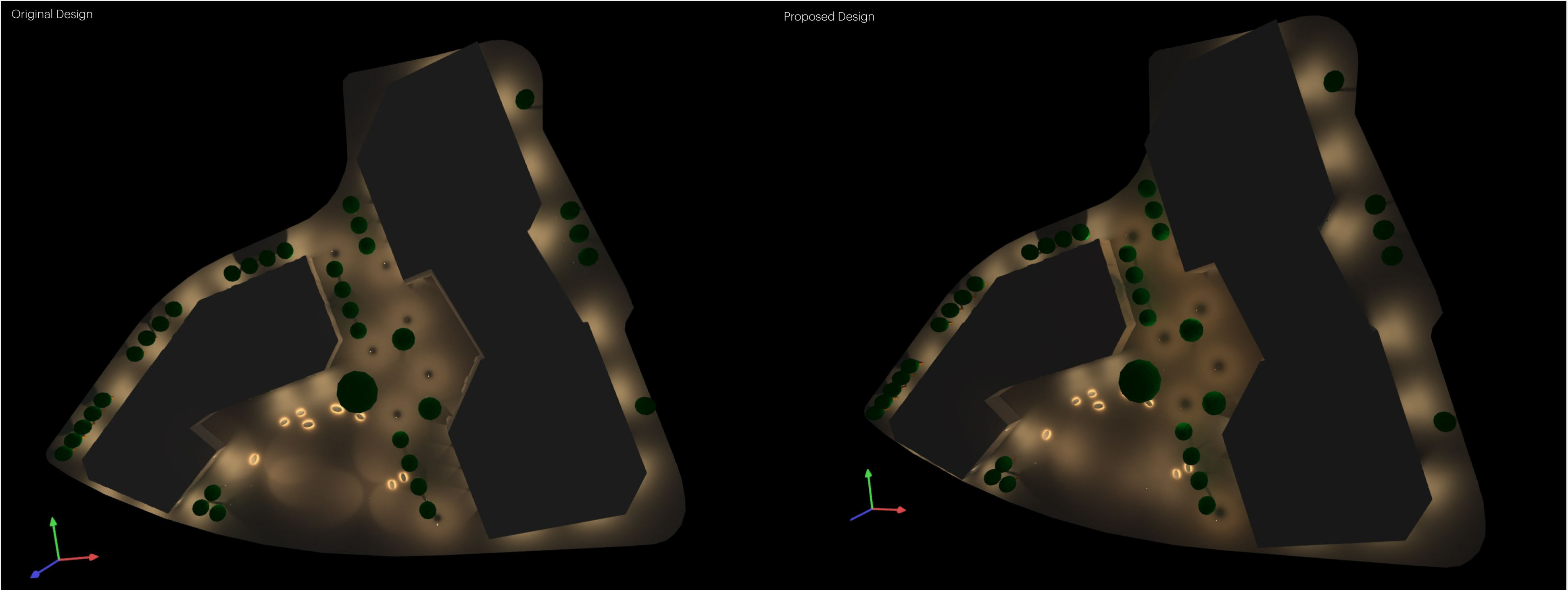
XWL1
Description : Wall monted Flood Light
Manufacturer : BEGA
Product : Surface Washer
Wattage : 22.5W
Lumen Output : 2452Lm
Total QTY (area) : 21no.

Alternative Design - Calculation Result



Index	Description	E(average)	Uniformity(U ^o)
CG1	Building 2 Perimeter 1	28.6 lx	0.12 U ^o
CG2	Building 2 Perimeter 2	29.0 lx	0.1 U ^o
CG3	Building 2 Perimeter 3	32.7 lx	0.076 U ^o
CG4	Building 2 Perimeter 4	27.1 lx	0.28 U ^o
CG5	Building 2 Perimeter 5	23.7 lx	0.2 U ^o
CG6	Building 1 Perimeter 1	34.9 lx	0.12 U ^o
CG7	Building 1 Perimeter 2	26.9 lx	0.033 U ^o
CG8	Building 1 Perimeter 3	22.0 lx	0.49 U ^o
CG9	Building 1 Perimeter 4	47.4 lx	0.014 U ^o
CG10	Building 1 Perimeter 5	22.4 lx	0.12 U ^o
CG11	Building 1 Perimeter6	33.8 lx	0.1 U ^o
CG12	General	12.4 lx	0.44 U ^o
CG13	Cycle Path	14.8 lx	0.42 U ^o
CG14	Small Tree	99.1 lx	-
CG15	Large Tree	53.3 lx	-

Calculation Result Comparison



All luminaires are currently at 100% output.

Public Realm
Passages and Collonades

Original Design - Layout and Specification



XD1

Description : Ceiling Recessed Downlight
Manufacturer : BEGA
Product : Recessed Ceiling Downlight
Wattage : 10W
Lumen Output : 1151Lm
Total QTY (area) : 34no.



XD2

Description : Ceiling Recessed Downlight
Manufacturer : BEGA
Product : Recessed Ceiling Downlight
Wattage : 13.2W
Lumen Output : 1615Lm
Total QTY (area) : 5no.



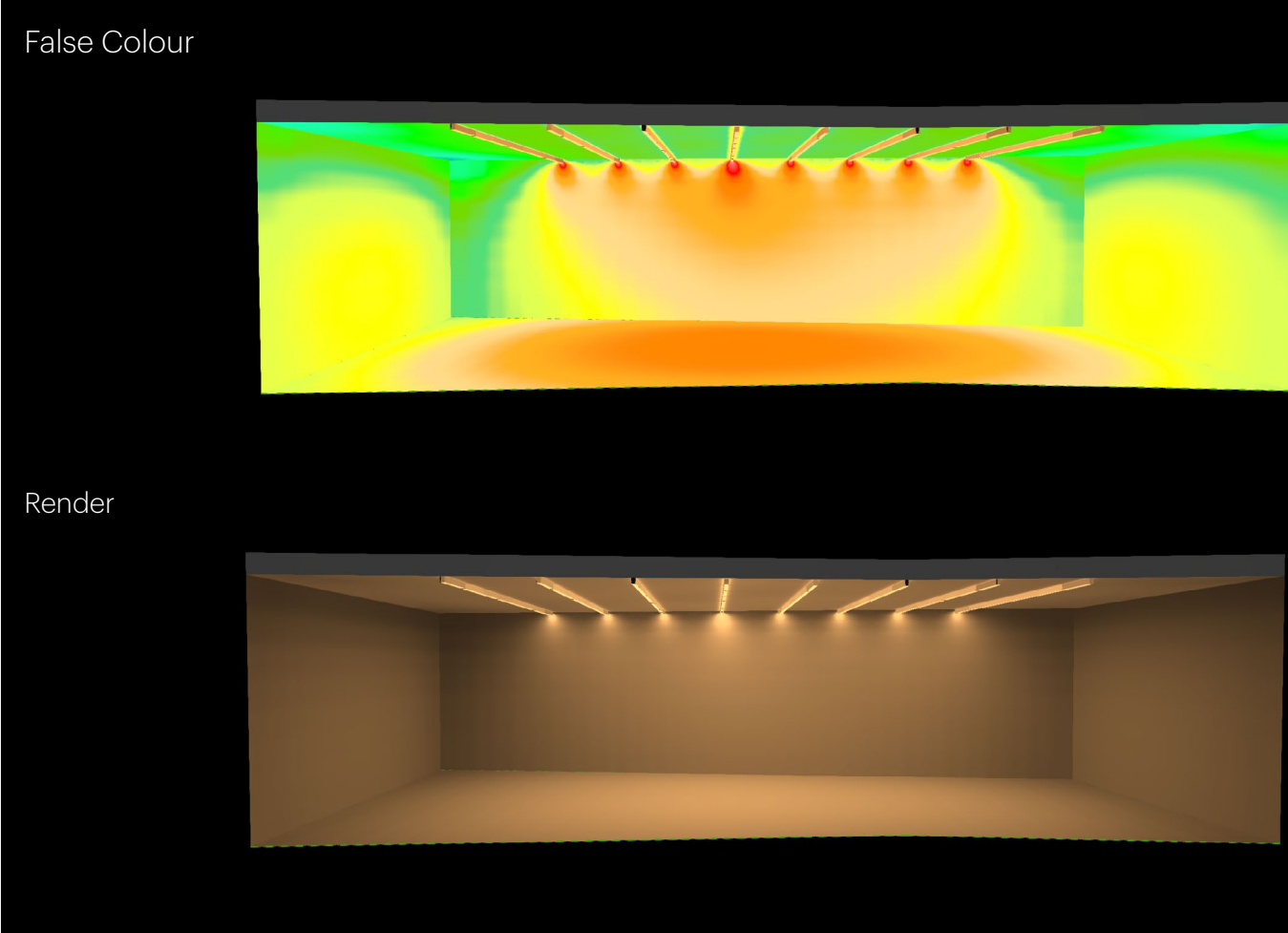
XL3

Description : Suspended Linear LED
Manufacturer : Light Forms
Product : WetPlane 60
Wattage : 44.6W/m
Lumen Output : 3239Lm/w
Total QTY (area) : 82M

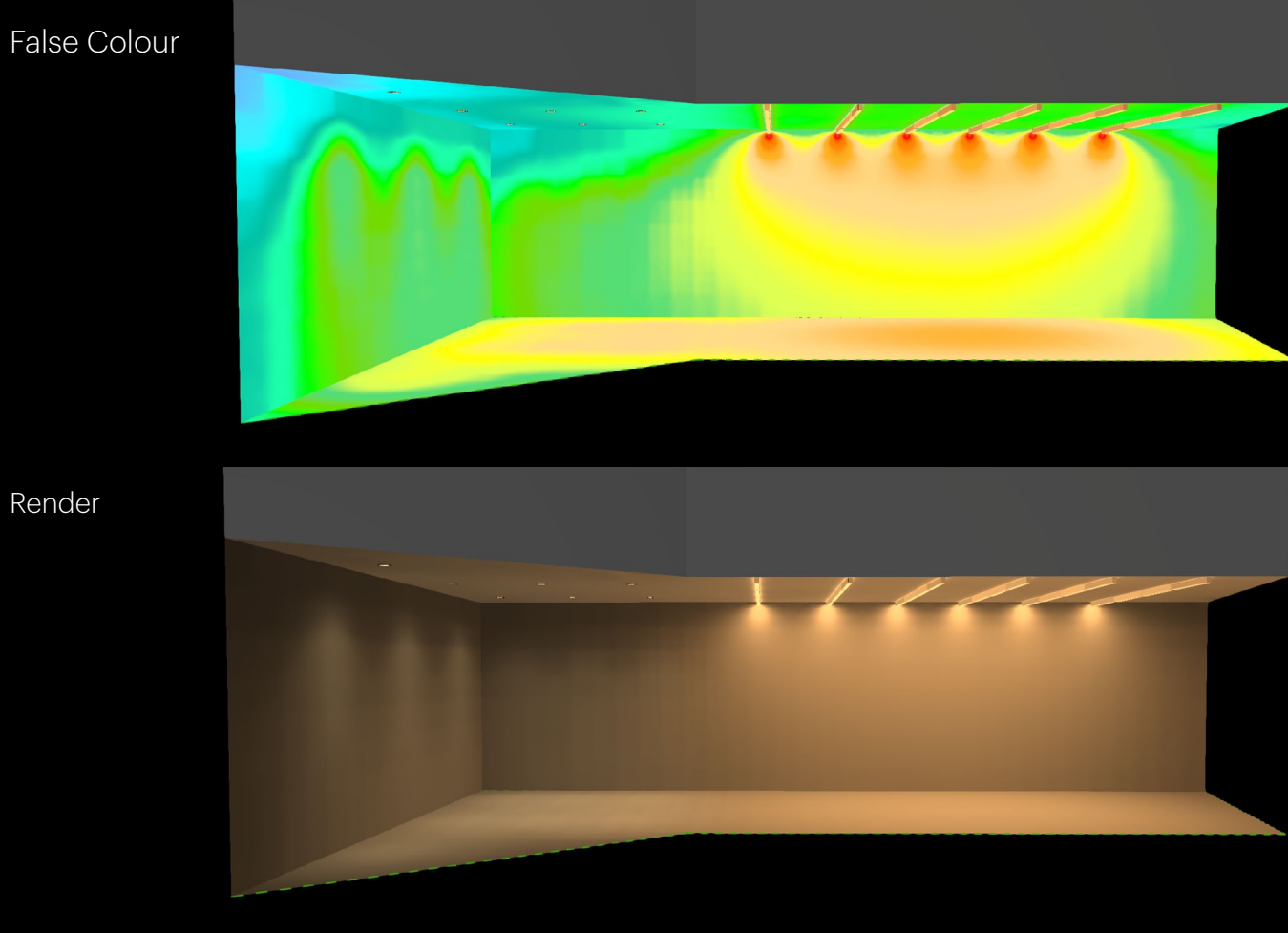
Please note that all costs exclude VAT, drivers and related accessories.

Original Design - Calculation Result

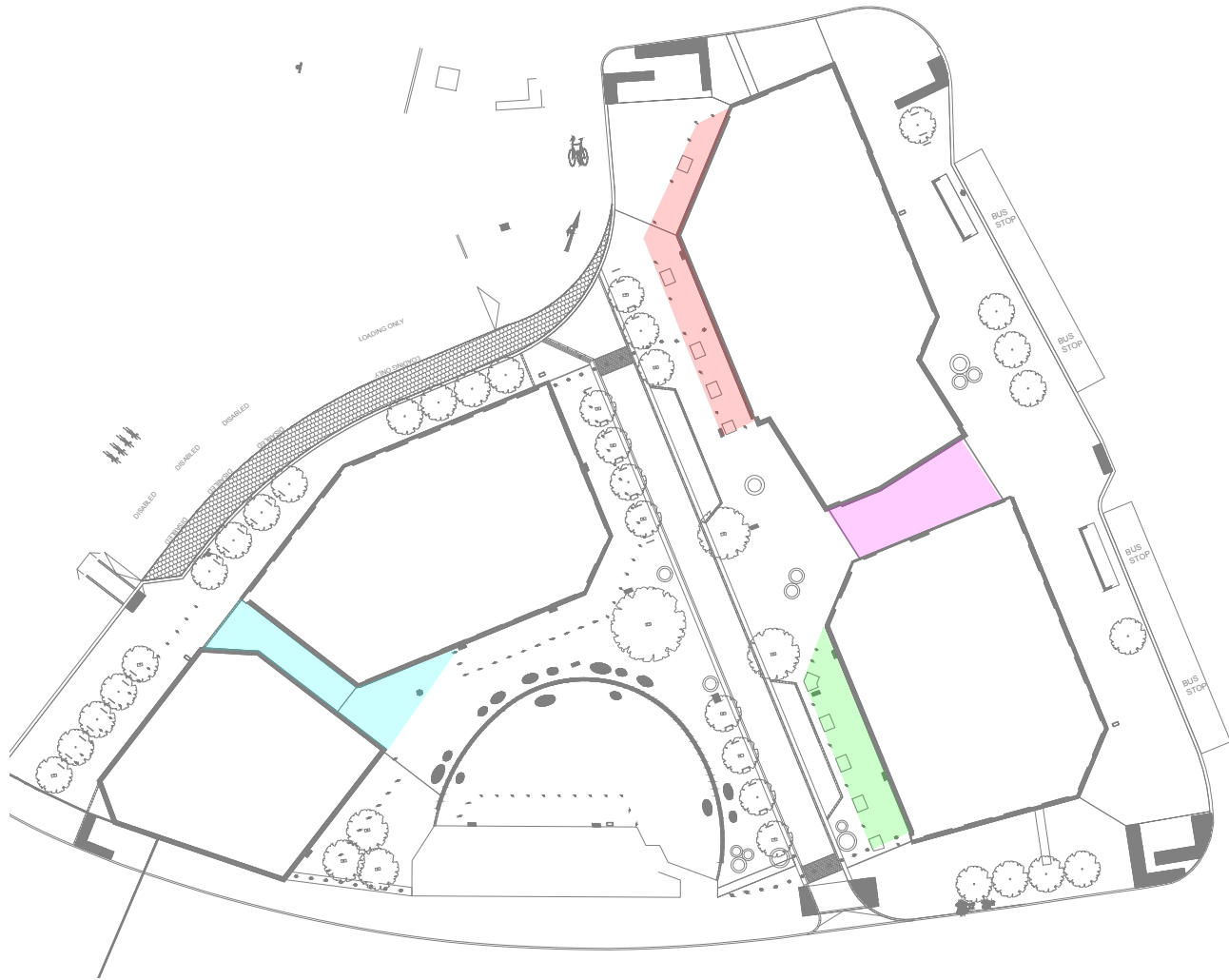
Building 1 Passage way



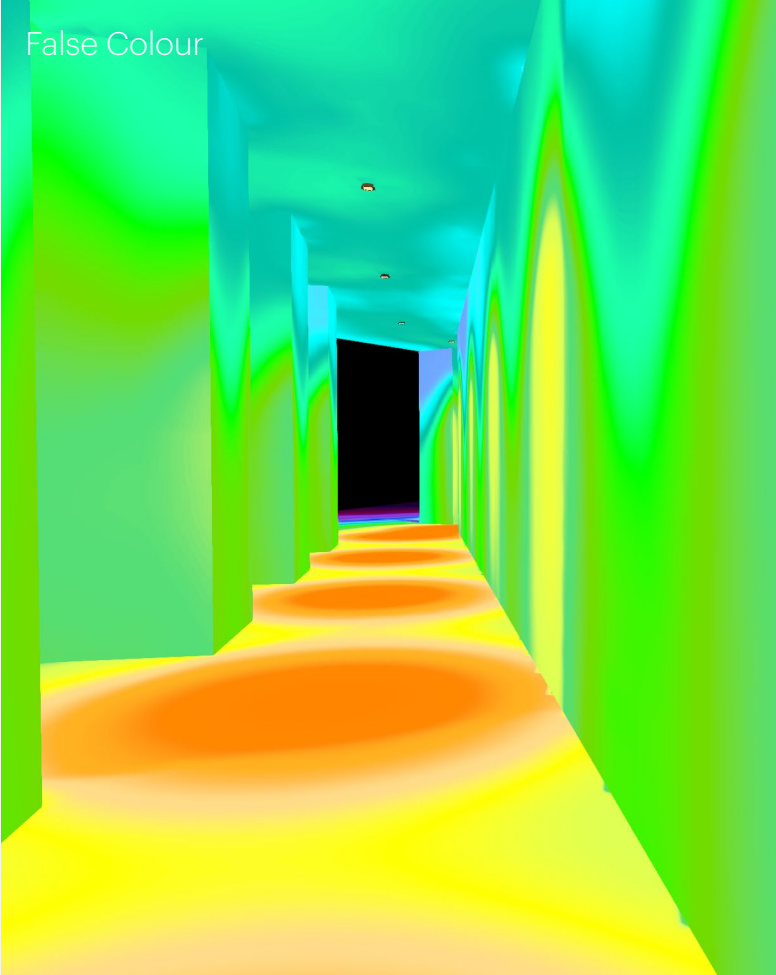
Building 2 Passage way



Calculation Surfaces



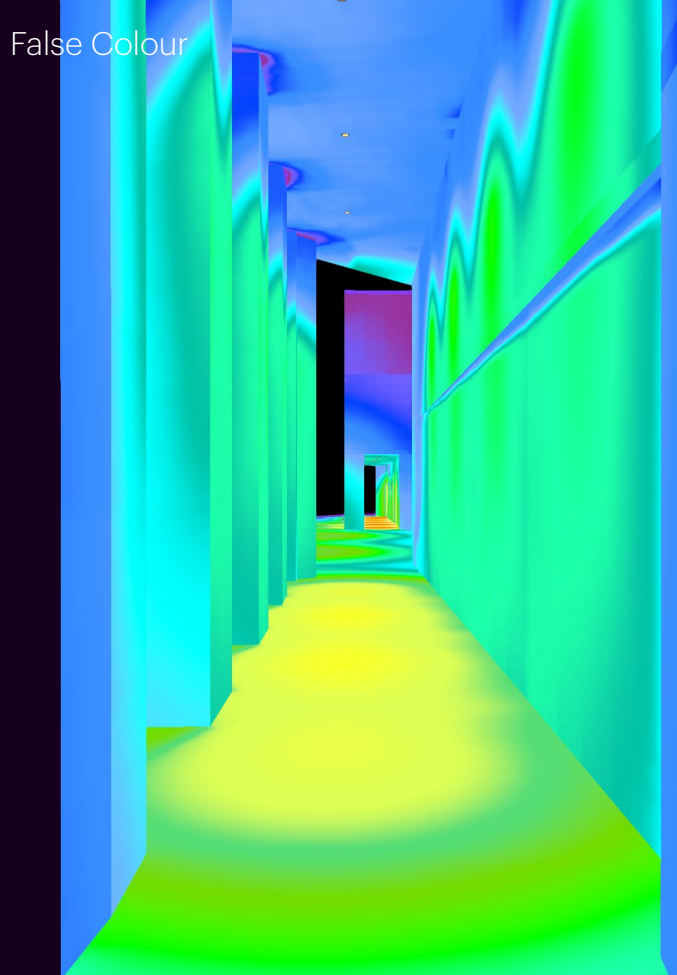
Building 1 Collonade 1



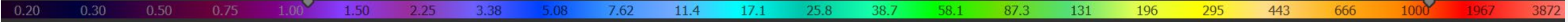
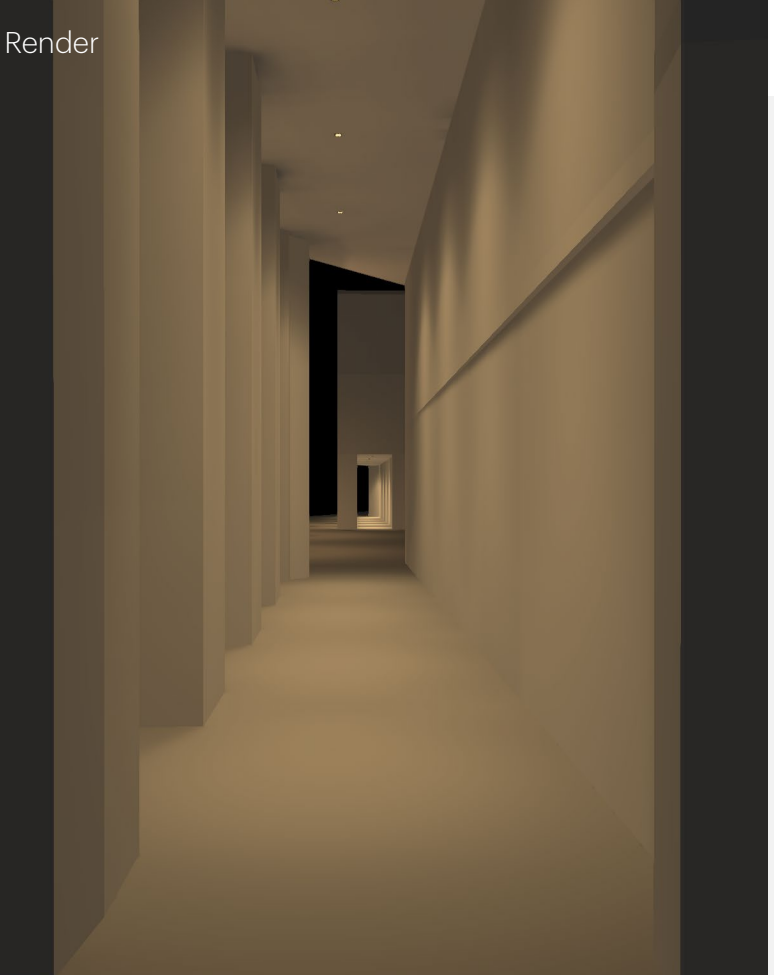
Render



Building 1 Collonade 2



Render



Index	Description	E(average)
CG1	Building 1 Passage	926lx
CG2	Building 2 Passage	707lx
CG3	Building 1 Passage 1	98.2lx
CG4	Building 1 Passage 2	37.8lx

All luminaires are currently at 100% output.