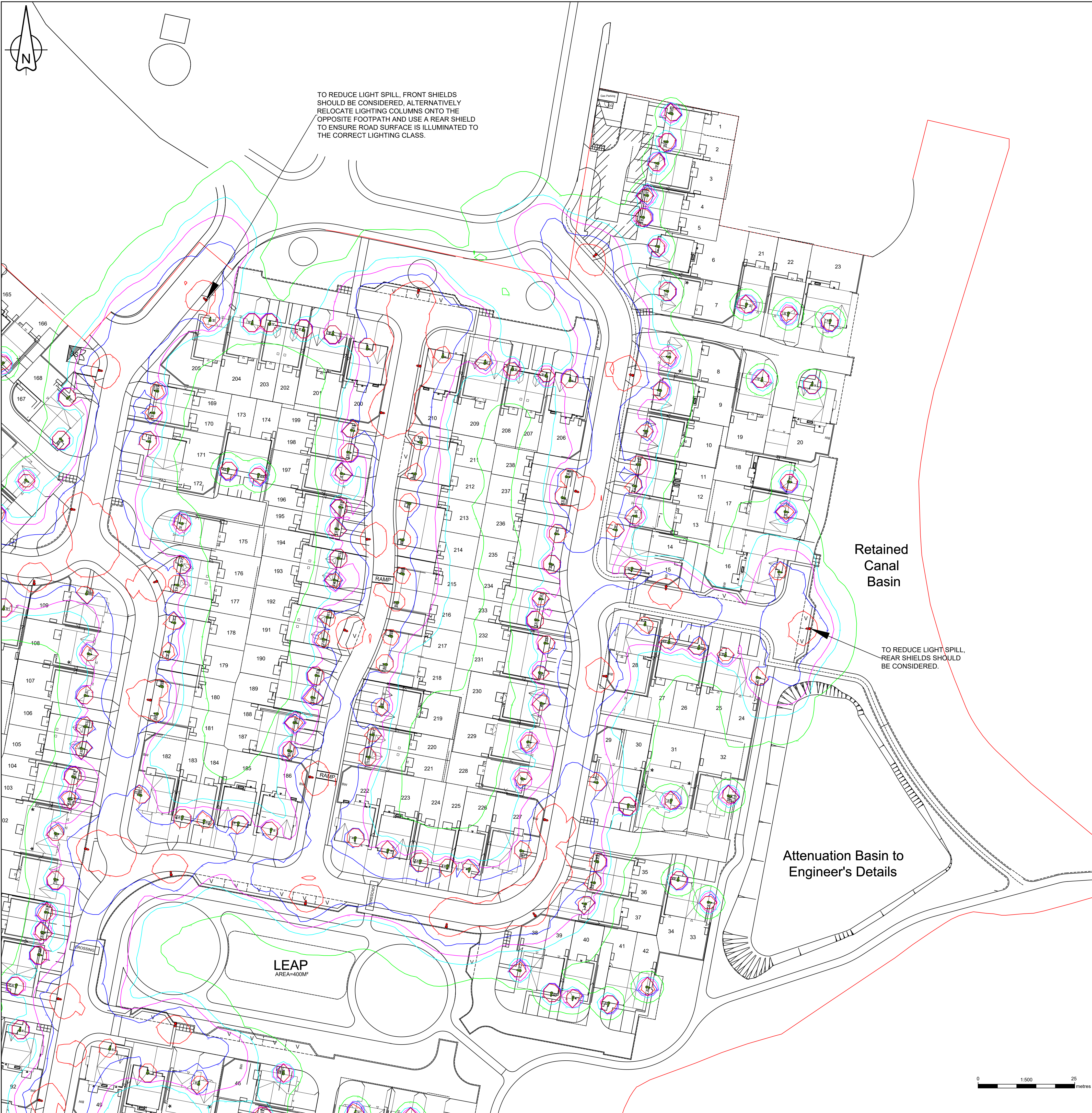
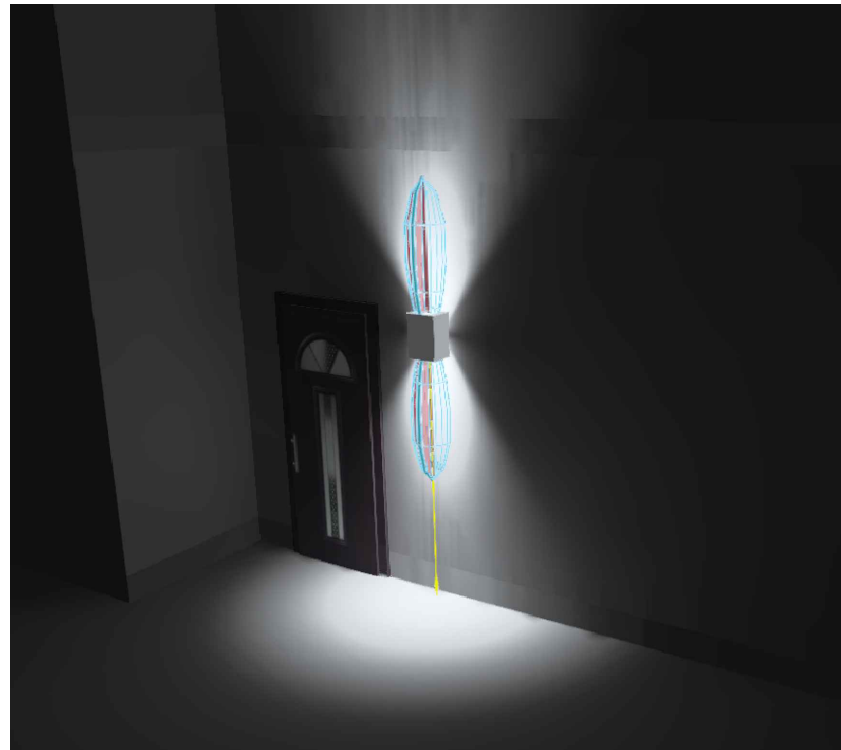




EXAMPLE IMAGE: URBIS SCHREDER AXIA 3.1

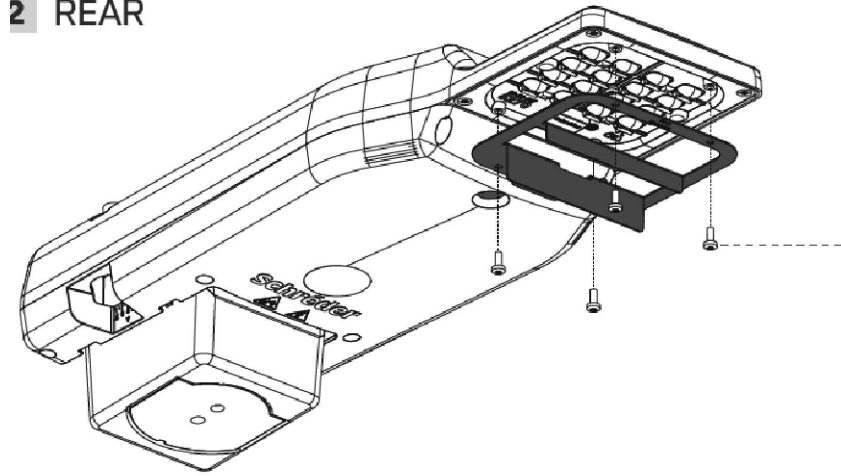


EXAMPLE IMAGE: AURORA WALLE WALL LIGHT

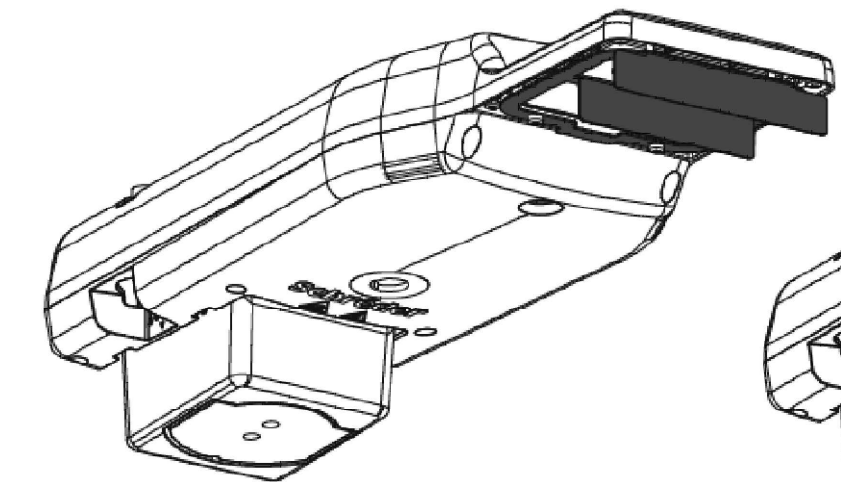


EXAMPLE IMAGE: LIGHT DISTRIBUTION AURORA WALLE

2 REAR



EXAMPLE IMAGE: MANUFACTURER REAR SHIELD



EXAMPLE IMAGE: MANUFACTURER FRONT SHIELD

QTY 237	Luminaire Reference:	Aurora WallE
	Luminaire Type:	Wall light
QTY 43	Luminaire Reference:	WallE Fixed Up/Down Wall Light
	Lamp Type	2 x GU10 lamps
	Mounting Type:	2000mm from ground level
	Lumen Output:	4.00 km
	Luminaire Wattage:	32w
	Colour Temperature:	Warm White 2700k
QTY 43	Supply:	Individual house plot. Manually switched for on/off times.

Proposed galvanised steel lighting column of 6.0 metre nominal height with a planted base as per Barnsley Metropolitan Borough Council Street Lighting Specification.

Luminaire Type:	Urbis Schreder Axia 3.1
Luminaire Reference:	Axia 3.1 5267 16 OLSON SQUARE GIANT 700mA WW 730 35.6W
Mounting Type:	Post top mounted
Luminaire Tilt:	5° or 10°
Lumen Output:	4,34 km
Charge Code:	42 0036 0000 100
Luminaire Wattage:	36 w
Colour Temperature:	Warm White (3000K)

ISOLUX CONTOUR KEY:	
—	0.20 Isolux contour line
—	1.00 Isolux contour line
—	2.00 Isolux contour line
—	5.00 Isolux contour line
—	10.00 Isolux contour line

Isolux contour lines shown are at ground level and with a luminaire maintenance factor of 1.0.

Using a maintenance factor of 1.0, represents 'day one' installation and shows the maximum luminous flux of any light source.

No lumen degradation, driver deterioration or lens grime has been considered, which would reduce the lumen output over the whole life of each luminaire or wall light.

No blocking effect from walls, fencing, hedgerow, buildings or other blocking features have been considered.

Adoptable lighting design completed by others currently shows all luminaires to be installed with a 5° or 10° tilt angle.

To reduce sky glow and light trespass and from recommendations provided in Bat Conservation Trust Lighting Guidance; GN08/23 (2023) as published by The Institution of Lighting Professionals (ILP), reducing the installed tilt angles to 0° should be considered.

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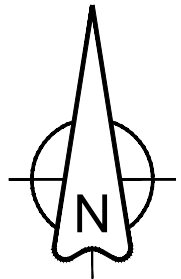
R1	ADDED SHIELD IMAGES	11/08/2023	SRH
R0	INITIAL DESIGN FOR REVIEW AND COMMENT	16/07/2023	SRH
REV	DESCRIPTION	DATE	BY



info@shdlighting.co.uk 07834 490 192 www.shdlighting.co.uk

SCHEME:	BLEACHCROFT WAY, BARNSELY		
DRAWING:	LIGHT SPILL DRAWING		
CLIENT:	HARRON HOMES YORKSHIRE		
DRAWING NUMBER:	SHD1012-SHD-HLG-BLEA-DR-ED-Lighting Layout R1	DRAWN:	SRH
	SHEET 1 OF 4	CHECKED:	SRH
CONTRACT NUMBER:	SHD1012	APPROVED:	
	DATE: 16/07/2023	REVISION:	R1

PRELIMINARY DESIGN - NOT FOR CONSTRUCTION

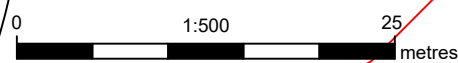


TO REDUCE LIGHT SPILL, FRONT SHIELDS SHOULD BE CONSIDERED, ALTERNATIVELY RELOCATE LIGHTING COLUMNS ONTO THE OPPOSITE FOOTPATH AND USE A REAR SHIELD TO ENSURE ROAD SURFACE IS ILLUMINATED TO THE CORRECT LIGHTING CLASS.

TO REDUCE LIGHT SPILL, REAR SHIELDS SHOULD BE CONSIDERED

Pocket Park

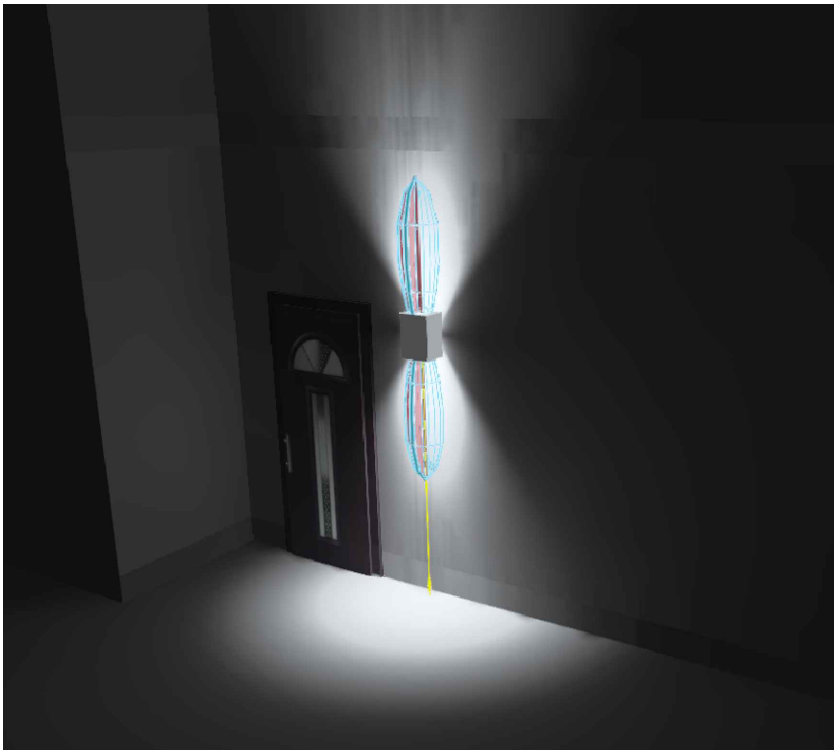
LEAP
AREA=400M²



EXAMPLE IMAGE: URBIS SCHREDER AXIA 3.1

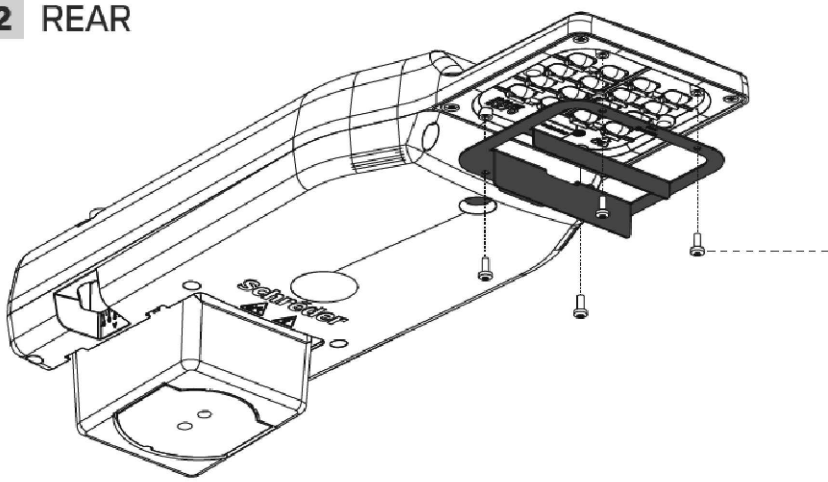


EXAMPLE IMAGE: AURORA WALLE WALL LIGHT

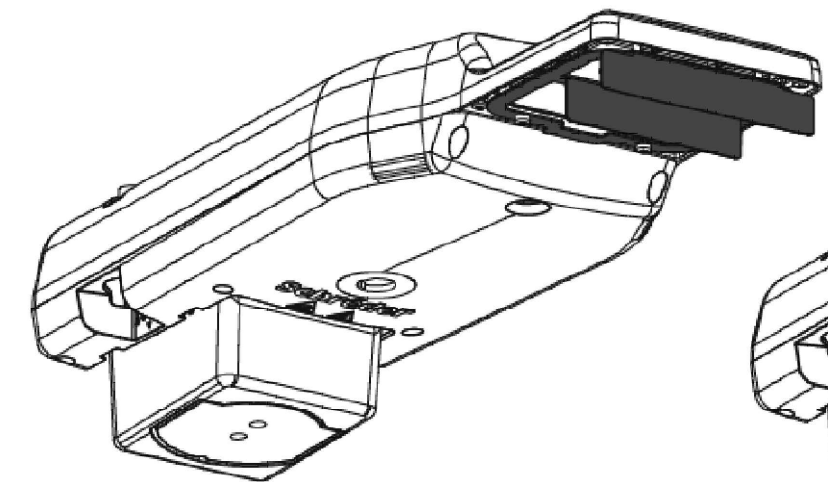


EXAMPLE IMAGE: LIGHT DISTRIBUTION AURORA WALLE

2 REAR



EXAMPLE IMAGE: MANUFACTURER REAR SHIELD



EXAMPLE IMAGE: MANUFACTURER FRONT SHIELD

Luminaire Reference: Aurora WallE
Luminaire Type: Wall light
Luminaire Reference: WallE Fixed Up/Down Wall Light
Lamp Type: 2 x GU10 lamps
Mounting Type: 2000mm from ground level
Lumen Output: 4.00 km
Luminaire Wattage: 32w
Colour Temperature: Warm White 2700k
Supply: Individual house plot. Manually switched for on/off times.

Proposed galvanised steel lighting column of 6.0 metre nominal height with a planted base as per Barnsley Metropolitan Borough Council Street Lighting Specification.

Luminaire Type: Urbis Schreder Axia 3.1
Luminaire Reference: Axia 3.1 5267 16 OLSON SQUARE GIANT 700mA WW 730 35.6W
Mounting Type: Post top mounted
Luminaire Tilt: 5° or 10°
Lumen Output: 4.34 km
Charge Code: 42 0036 0000 100
Luminaire Wattage: 36 w
Colour Temperature: Warm White (3000K)

ISOLUX CONTOUR KEY:
0.20 Isolux contour line
1.00 Isolux contour line
2.00 Isolux contour line
5.00 Isolux contour line
10.00 Isolux contour line

Isolux contour lines shown are at ground level and with a luminaire maintenance factor of 1.0.

Using a maintenance factor of 1.0, represents 'day one' installation and shows the maximum luminous flux of any light source.

No lumen degradation, driver deterioration or lens grime has been considered, which would reduce the lumen output over the whole life of each luminaire or wall light.

No blocking effect from walls, fencing, hedgerow, buildings or other blocking features have been considered.

Adoptable lighting design completed by others currently shows all luminaires to be installed with a 5° or 10° tilt angle.

To reduce sky glow and light trespass and from recommendations provided in Bat Conservation Trust Lighting Guidance; GN08/23 (2023) as published by The Institution of Lighting Professionals (ILP), reducing the installed tilt angles to 0° should be considered.

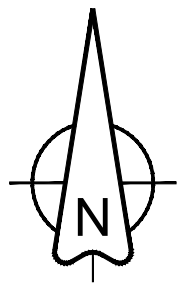
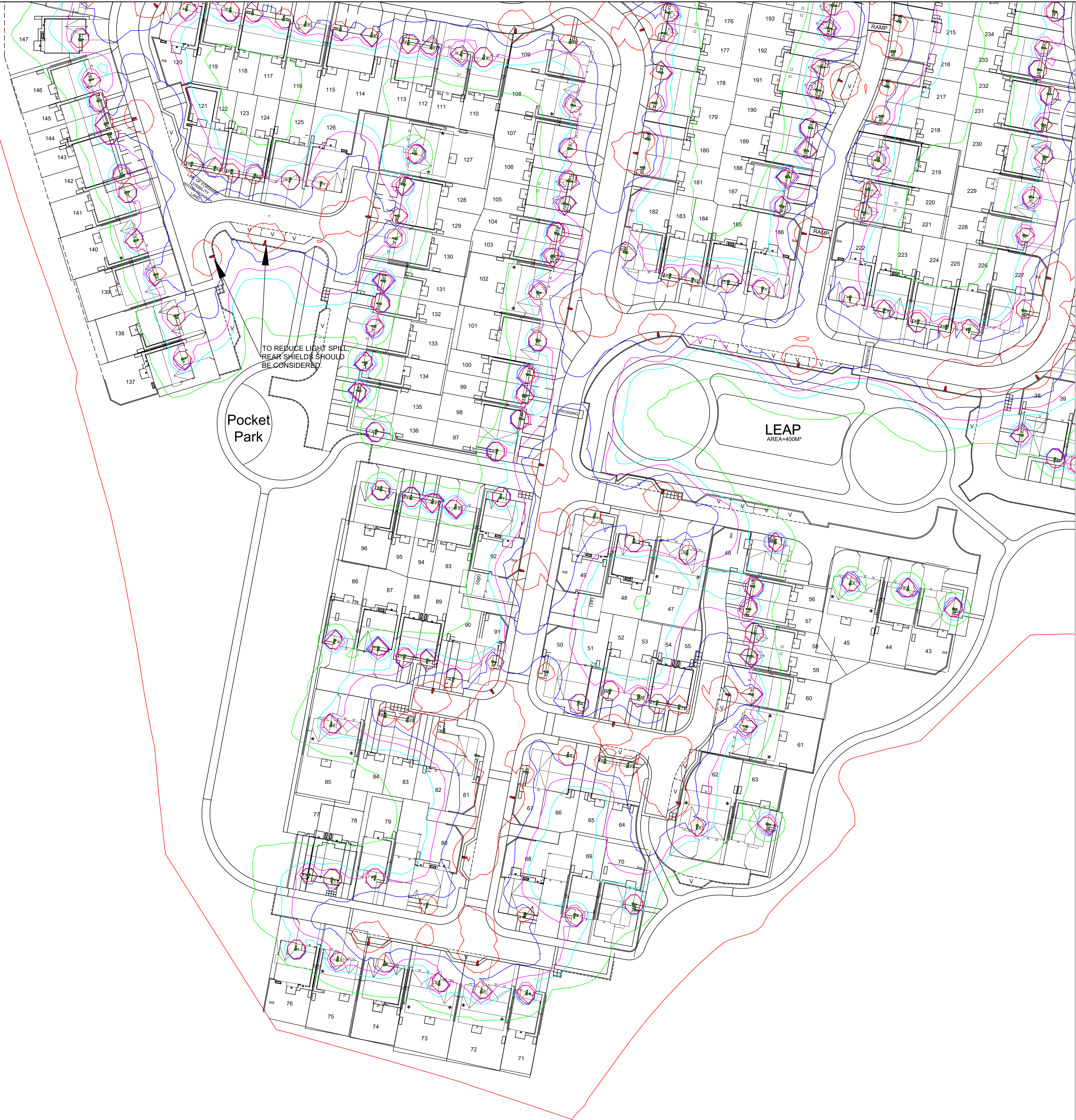
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R1	ADDED SHIELD IMAGES	11/08/2023	SRH
R0	INITIAL DESIGN FOR REVIEW AND COMMENT	16/07/2023	SRH
REV	DESCRIPTION	DATE	BY

SHD
info@shdlighting.co.uk 07834 490 192 www.shdlighting.co.uk

SCHEME:	BLEACHCROFT WAY, BARNSELY		
DRAWING:	LIGHT SPILL DRAWING		
CLIENT:	HARRON HOMES YORKSHIRE		
DRAWING NUMBER:	SHD1012 SHD HLG-BLEA-DR-ED- Lighting Layout R1	DRAWN:	SRH
	SHEET 2 OF 4	CHECKED:	SRH
CONTRACT NUMBER:	SHD1012	DATE:	16/07/2023
		SCALE @ A1	1:500
		REVISION:	R1

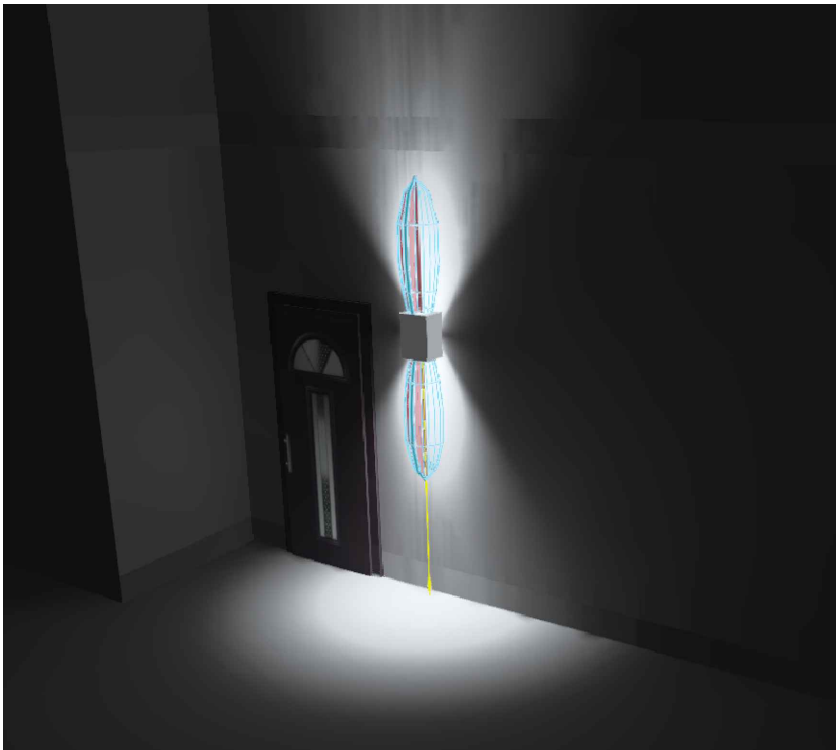
PRELIMINARY DESIGN - NOT FOR CONSTRUCTION



EXAMPLE IMAGE: URBIS SCHREDER AXIA 3.1

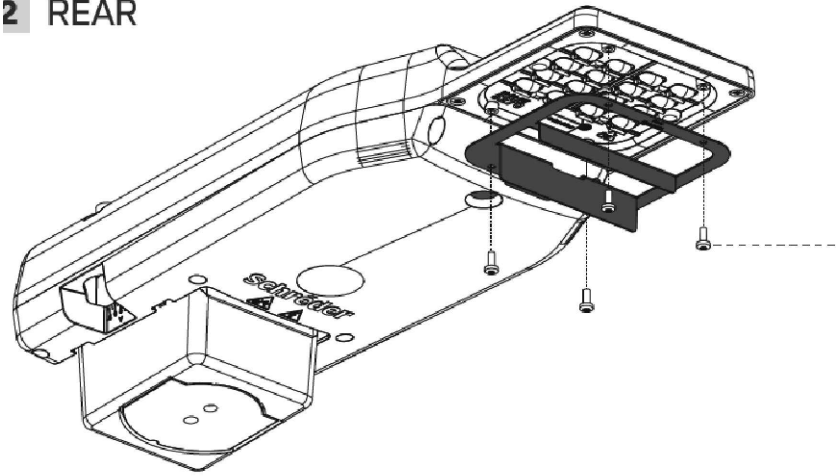


EXAMPLE IMAGE: AURORA WALLE WALL LIGHT

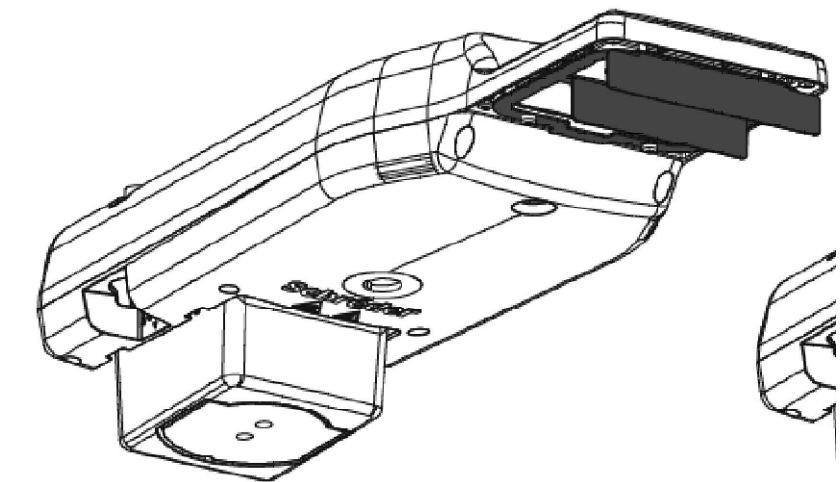


EXAMPLE IMAGE: LIGHT DISTRIBUTION AURORA WALLE

2 REAR



EXAMPLE IMAGE: MANUFACTURER REAR SHIELD



EXAMPLE IMAGE: MANUFACTURER FRONT SHIELD

Luminaire Reference:	Aurora WallE
Luminaire Type:	Wall light
Luminaire Reference:	WallE Fixed Up/Down Wall Light
Lamp Type:	2 x GU10 lamps
Mounting Type:	2000mm from ground level
Lumen Output:	4,000 lm
Luminaire Wattage:	32w
Colour Temperature:	Warm White 2700k
Supply:	Individual house plot. Manually switched for on/off times.

QTY 43

Proposed galvanised steel lighting column of 6.0 metre nominal height with a planted base as per Barnsley Metropolitan Borough Council Street Lighting Specification.

Luminaire Type:	Urbis Schreder Axia 3.1
Luminaire Reference:	Axia 3.1 5267 16 OLSON SQUARE GIANT 700mA WW 730 35.6W
Mounting Type:	Post top mounted
Luminaire Tilt:	5° or 10°
Lumen Output:	4,340 lm
Charge Code:	42 0036 0000 100
Luminaire Wattage:	36 w
Colour Temperature:	Warm White (3000K)

ISOLUX CONTOUR KEY:

- 0.20 Isolux contour line
- 1.00 Isolux contour line
- 2.00 Isolux contour line
- 5.00 Isolux contour line
- 10.00 Isolux contour line

Isolux contour lines shown are at ground level and with a luminaire maintenance factor of 1.0.

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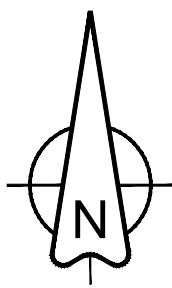
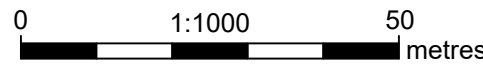
R1	ADDED SHIELD IMAGES	11/08/2023	SRH
R0	INITIAL DESIGN FOR REVIEW AND COMMENT	16/07/2023	SRH
REV	DESCRIPTION	DATE	BY

SHD

info@shdlighting.co.uk 07834 490 192 www.shdlighting.co.uk

SCHEME:	BLEACHCROFT WAY, BARNSELY		
DRAWING:	LIGHT SPILL DRAWING		
CLIENT:	HARRON HOMES YORKSHIRE		
DRAWING NUMBER:	SHD1012-SHD-HLG-BLEACHCROFT-ED-Layout R1	DRAWN:	SRH
	SHEET 3 OF 4	CHECKED:	SRH
CONTRACT NUMBER:	SHD1012	DATE:	16/07/2023
		SCALE @ A1:	1:500
		REVISION:	R1

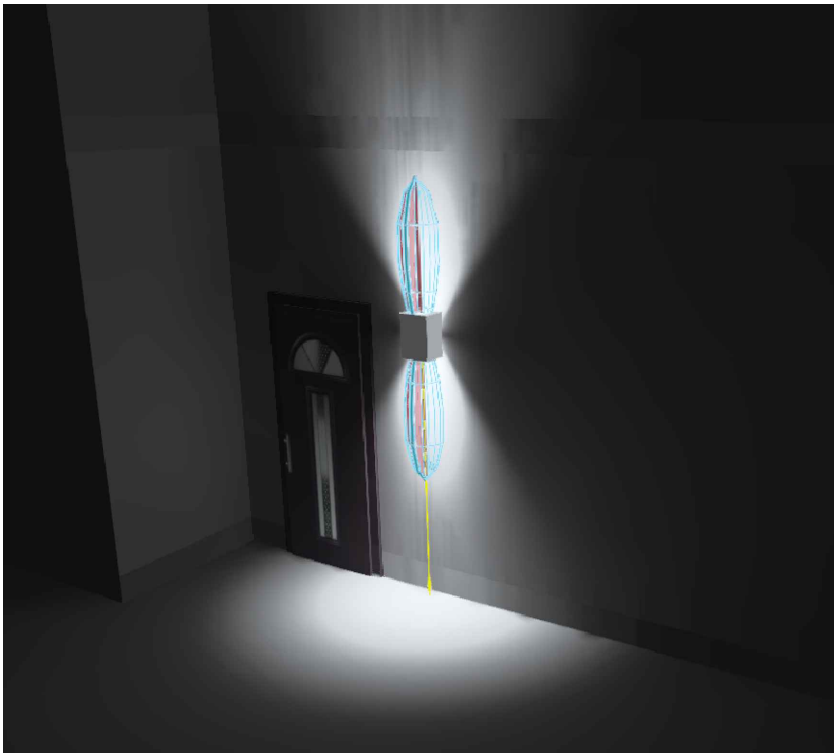
PRELIMINARY DESIGN - NOT FOR CONSTRUCTION



EXAMPLE IMAGE: URBIS SCHREDER AXIA 3.1

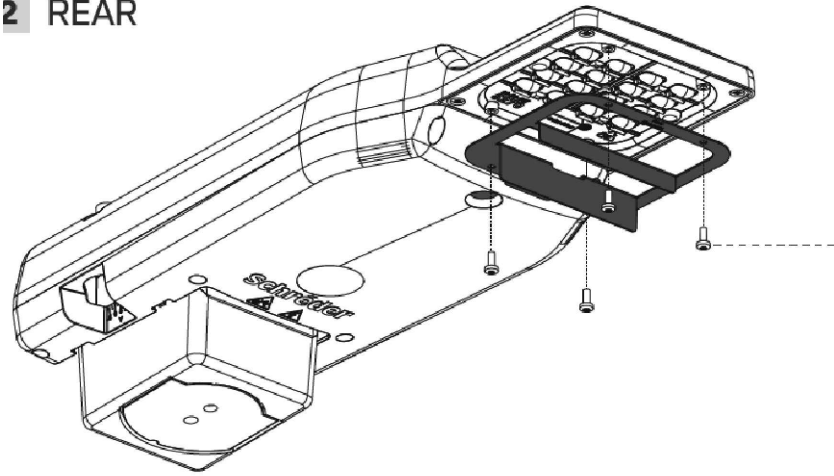


EXAMPLE IMAGE: AURORA WALLE WALL LIGHT

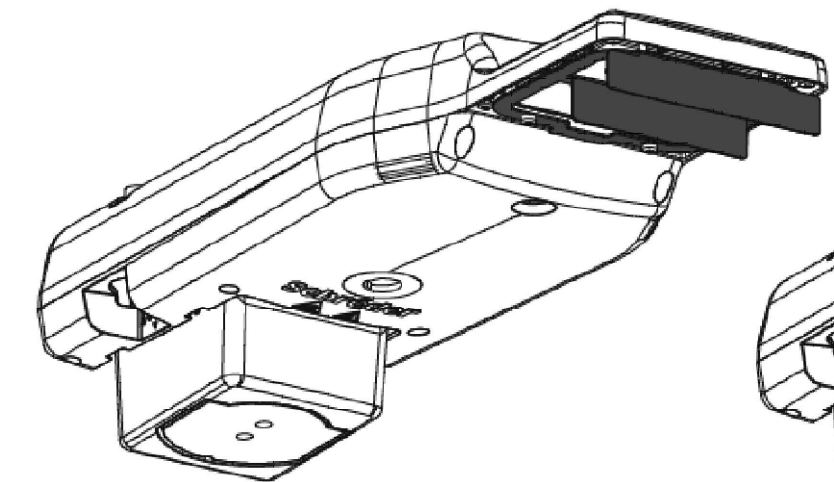


EXAMPLE IMAGE: LIGHT DISTRIBUTION AURORA WALLE

2 REAR



EXAMPLE IMAGE: MANUFACTURER REAR SHIELD



EXAMPLE IMAGE: MANUFACTURER FRONT SHIELD

QTY 237	Luminaire Reference:	Aurora WallE
	Luminaire Type:	Wall light
QTY 43	Luminaire Reference:	WallE Fixed Up/Down Wall Light
	Lamp Type:	2 x GU10 lamps
	Mounting Type:	2000mm from ground level
	Lumen Output:	4.00 km
	Luminaire Wattage:	32w
	Colour Temperature:	Warm White 2700k
	Supply:	Individual house plot. Manually switched for on/off times.

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Luminaire Reference:	Axia 3.1 5267 16 OLSON SQUARE GIANT 700mA WW 730 35.6W
Mounting Type:	Post top mounted
Luminaire Tilt:	5° or 10°
Lumen Output:	4,34 km
Charge Code:	42 0036 0000 100
Luminaire Wattage:	36 w
Colour Temperature:	Warm White (3000k)

ISOLUX CONTOUR KEY:	
	0.20 Isolux contour line
	1.00 Isolux contour line
	2.00 Isolux contour line
	5.00 Isolux contour line
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info@shdlighting.co.uk 07834 490 192 www.shdlighting.co.uk

SCHEME:	BLEACHCROFT WAY, BARNSELY		
DRAWING:	LIGHT SPILL DRAWING		
CLIENT:	HARRON HOMES YORKSHIRE		
DRAWING NUMBER:	SHD1012-SHD-HLG-BLEACHCROFT-ED- Lighting Layout R1	DRAWN:	SRH
	SHEET 4 OF 4	CHECKED:	SRH
CONTRACT NUMBER:	SHD1012	DATE:	16/07/2023
		SCALE @ A1:	1:1000
		REVISION:	R1

PRELIMINARY DESIGN - NOT FOR CONSTRUCTION