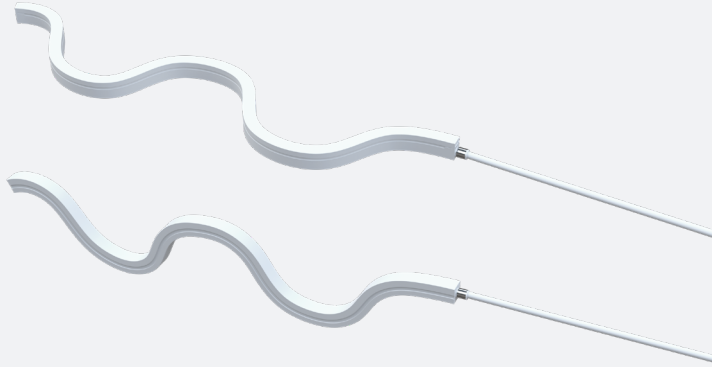


Project Title:	UoH Daphne Steele Building		Submission no:	E014 rev 1
Contract No:	HNE.0466			
To:	Simon Blackburn	Company:	SDA	
Approval of the following equipment is required:				
Equipment:	External Façade Linear Lighting			
Manufacturer:	Zumtobel Group			
Description:	Silicon encapsulated linear led strip lights to be mounted externally in aluminium extrusion within the make up of the building envelope. Drivers & controls to be mounted internally except for around L4 plant screen where the drivers & controls will be mounted in IP65 enclosures. Control will be using DALI protocol.			
Specification References:				
Attached Detail Documents:				
Manufacturer's details.				
Electrical requirements for equipment: As detailed				
Planned site delivery: October 2023				
Issued by: BAM Construction Ltd.	Gary Wheelhouse	Date	17/08/2023	
Please return comments by: 31/08/2023 to achieve construction delivery dates.				

To be completed and returned by MEPH Consultant Design Engineer			
Technical submission is ** approved / approved with comments / not approved. (**delete as appropriate)			
Returned by:		Company:	
Signature:		Date:	



VISTA FLEX

Flexible Linear Lighting

- A range of flexible linear IP67 marker lights
- High-grade silicone material provides long-lasting performance over the rated lifetime, even in extreme weather conditions
- Continuous clean lines, end-to-end mounting and a seamless illuminated appearance
- Available in a variety of colors
- Up to 312 lm/ft



IP67 / IK07

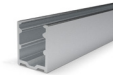
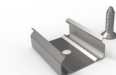
Individual Unit Order Code

VISTA FLEX	2	3	4	WH	6	E	096W	9
------------	---	---	---	----	---	---	------	---

1	FIXTURE	VISTA FLEX VISTA FLEX
2	LENGTH ¹	L003 0.3 m L006 0.6 m L009 0.9 m L012 1.2 m L030 3 m L060 6 m L100 10 m
3	COLOR	K927 90CRI 2700 K K930 90CRI 3000 K K935 90CRI 3500 K K940 90CRI 4000 K K900 90CRI Tunable White RGBW RGBW - Integrate of Red, Green Blue and White ² PIXL Pixel ²
4	OPTIC	SD Side Bend TP Top Bend
5	FINISH COLOR	WH White
6	SUPPLY CABLE	B Bottom F Front S Side
7	CABLE EXIT	E End
8	DRIVER WATTAGE	096W 96 Watt Driver
9	DRIVER	SW On/Off DU 0-10V DD DALI DM DMX

1 For lengths other than the standards noted, consult factory. Dimensions listed are nominal, see chart on page 3 for exact lengths.

2 Not available in 6 and 10 m lengths.

	CODE	DESCRIPTION	
Aluminum Profile			
Aluminum profile (top) 1.1 m	21100476	VISTA FLEX Aluminum profile (top) 1 m	
Aluminum profile (side) 1.1 m	21100477	VISTA FLEX Aluminum profile (side) 1 m	
Mounting Clips			
Mounting clips (top): 1 bag contains 2 clips and 2 screws	21100478	VISTA FLEX mounting clips (top)	
Mounting clips (side): 1 bag contains 2 clips and 2 screws	21100479	VISTA FLEX mounting clips (side)	
End Caps			
End cap (top)	21100480	VISTA FLEX end cap (top) 1 m	
End cap (side)	21100481	VISTA FLEX end cap (side) 1 m	
Cutting Tool*			
Cutting tool for VISTA FLEX (top and side)	21100482	VISTA FLEX cutting tool	
* Cutting tool and end caps required when cutting standard length to size for project			

* Cutting tool and end caps required when cutting standard length to size for project.

Photometrics

VISTA FLEX – Top Bend

		LUMEN OUTPUT lm/m	WATTAGE W/m
 WHITE	2700 K	587	10
	3000 K	607	10
	4000 K	575	10
 TUNABLE WHITE	2700 K	514	7.5
	5300 K	511	7.5
	2700 K + 5300 K	1024	15
 RGBW	R	42	3.75
	G	139	3.75
	B	37	3.75
	2700 K	190	3.75
	RGBW	413	15
 PIXEL	R	53	3.33
	G	146	3.33
	B	28	3.33
	RGB	218	10

VISTA FLEX – Side Bend

		LUMEN OUTPUT lm/m	WATTAGE W/m
 WHITE	2700 K	324	10
	3000 K	346	10
	4000 K	346	10
 TUNABLE WHITE	2700 K	270	7.5
	5300 K	270	7.5
	2700 K + 5300 K	270	15
 RGBW	R	26	3.75
	G	84	3.75
	B	22	3.75
	2700 K	115	3.75
	RGBW	235	15
 PIXEL	R	31	3.33
	G	92	3.33
	B	18	3.33
	RGB	138	10

Photometric performance is measured in compliance with IESNA LM 79-08.
White: Based on 3000 K, Tunable White: Based on all color temperature on 100%, RGBW: Based on all channels on 100%.

Technical Detail

- 1) Construction:** Extruded high-grade silicone body; UV resistant, non-yellow and water repellent.

2) Wattage and CCT: Available as 2700K, 3000K, 3500K, 4000K, RGBW (2700 K), Pixel (controlled section length 125 mm/4.9") and Tunable White (2700K – 5300K). Available in 90+ CRI only.

3) Driver: The unit is available with switched on/off, standard 0-10V dimming driver (1%), DALI Type 8 dimming driver (1%) and DMX driver options. For other DALI versions, consult factory.
- 4) Length:** Standard lengths available 0.3, 0.6, 0.9, 1.2, 3, 6 and 10m. RGBW and Pixel are not available in 6 and 10m lengths; consult factory for run information. Tunable White not available in 10 m individual lengths, consult factory for run information. Bending diameter is 240 mm for both side and top bend versions.

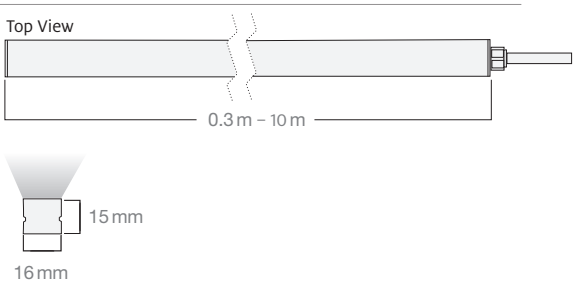
5) Mounting Accessories: The product should be mounted using either the mounting clips or the aluminum mounting profile. Quantity of clips will depend on the luminaire layout; minimum number of clips required will be at beginning, mid and end of
- each bend and at start and end of run. The number of clips required will also depend on the mounting orientation of the product, i.e., mounted horizontal or vertical. Note: For straight runs, use the aluminum mounting profile.

6) Wiring: Cable entry and exit options are available in front, side and bottom locations.

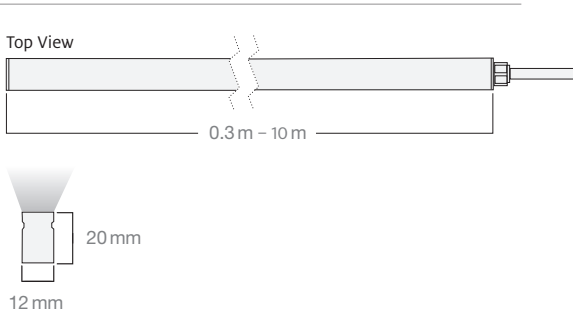
7) Life: 50,000 hours rated life @ 122° F, L70

Dimensions

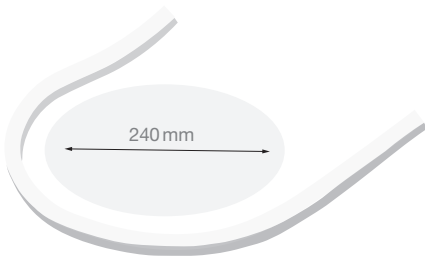
VISTA FLEX LX – TOP BEND



VISTA FLEX LX – SIDE BEND



BENDING DIAMETER



LENGTHS*

Reference	White	RGBW	Pixel
L03	306 mm (12.04")	319 mm (12.55")	381 mm (15.00")
L06	606 mm (23.85")	631 mm (24.84")	631 mm (24.84")
L09	906 mm (35.66")	944 mm (37.16")	881 mm (34.68")
L12	1206 mm (47.48")	1256 mm (49.44")	256 mm (49.44")
L30	3006 mm (118.34")	3006 mm (118.34")	3006 mm (118.34")
L60	6006 mm (236.45")	–	–
L100	10006 mm (393.93")	–	–

*Top and side versions overall length. All sizes +/-8 mm.

Note: Lead from fixture is supplied in 1 meter length.
Lead from driver is 260 mm in length.

CUTTING INTERVALS

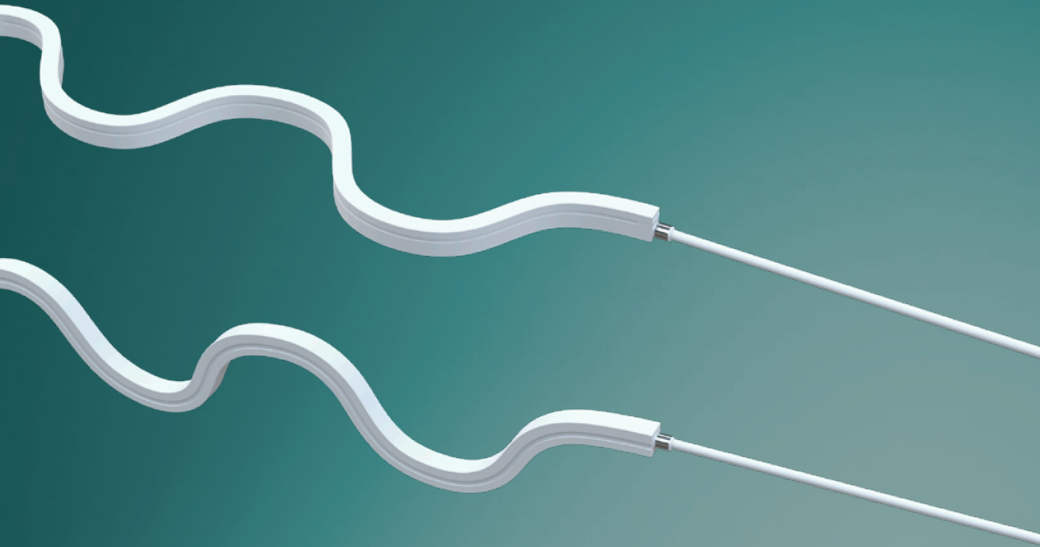
White	RGBW	Pixel
50 mm	62.5 mm	125 mm

CABLE ENTRY OPTIONS

Side Bend	Top Bend
FRONT	
SIDE	
BOTTOM	



ZUMTOBEL



VISTA FLEX

Flexible Linear Lighting

zumtobel.us/vista-flex



LIGHTING CAN TURN SPACES INTO EXPERIENCES

Using the captivating power of light, we change the way people see or react to buildings, environments and the space around them.

Interdisciplinary

Facades

Landscapes

Cityscapes



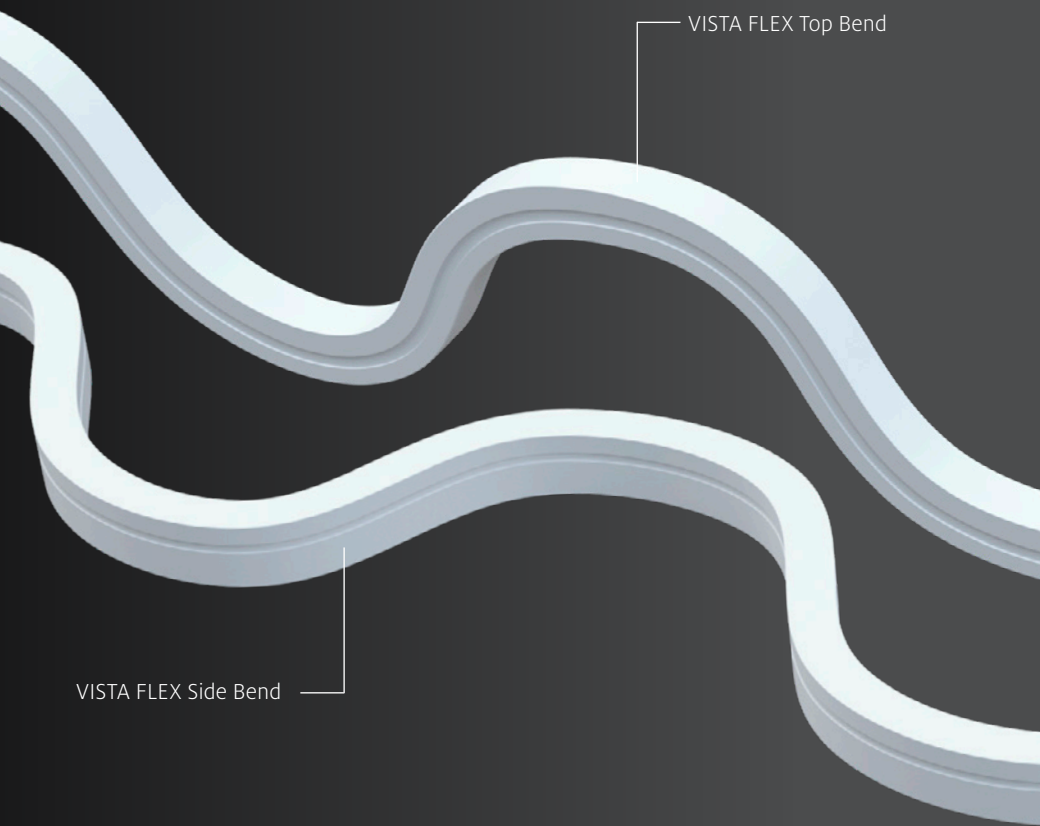


Zumtobel makes the normal interesting. We make icons iconic. We make the exciting amazing and the impressive unbelievable. Our combination of high quality engineering, attention to detail and technical expertise enable our customers to be creative with light.

Through an uncompromising commitment to design and innovation, we have established ourselves as a global leader in LED lighting for the architectural, hospitality and residential markets..



RANGE OVERVIEW



VISTA FLEX Top Bend

VISTA FLEX Side Bend

VISTA FLEX HIGHLIGHTS

A range of flexible linear IP67 marker lights available in a variety of colors, sizes and bending directions.

DURABILITY

High-grade silicone material provides long-lasting performance over the rated lifetime, even in extreme weather conditions.

AESTHETICS

Dot free continuous clean lines, end-to-end mounting and a seamless lit appearance.

VERSATILITY

Available in a choice of colors: CCT, Tunable White, RGBW and PIXEL. Different bend options, connection feeds and complementary mounting accessories result in a fast and reliable installation.



Diffused 120°



Average 550 lumens
per meter (3.28')



L70 50,000 hours
@ 122°F



Façades and
building surrounds



2700K / 3000K /
4000K /
Tunable White /
RGBW / PIXEL



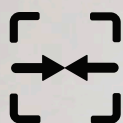
IP67 / IK07



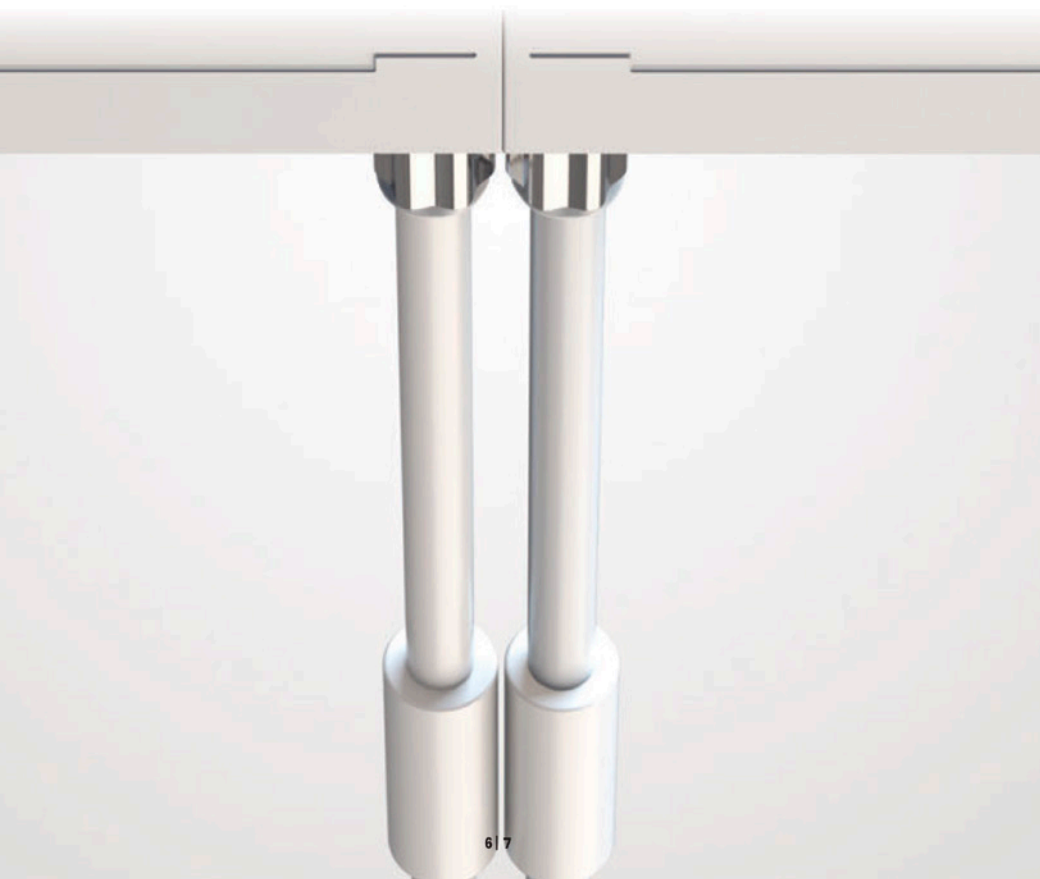
-13°F to +113°F



90



**AN UNINTERRUPTED
HOMOGENEOUS LINE
OF LIGHT.**



Dot free continuous clean lines. End-to-end mounting and seamless lit appearance.



CONSTRUCTION

The use of silicone material and clever design ensures a continuous line of light when installed end-to-end.



MOUNTING ACCESSORY

VISTA FLEX is available with an aluminium profile to help you achieve a straight line of light for your project, see page 18 for more details.



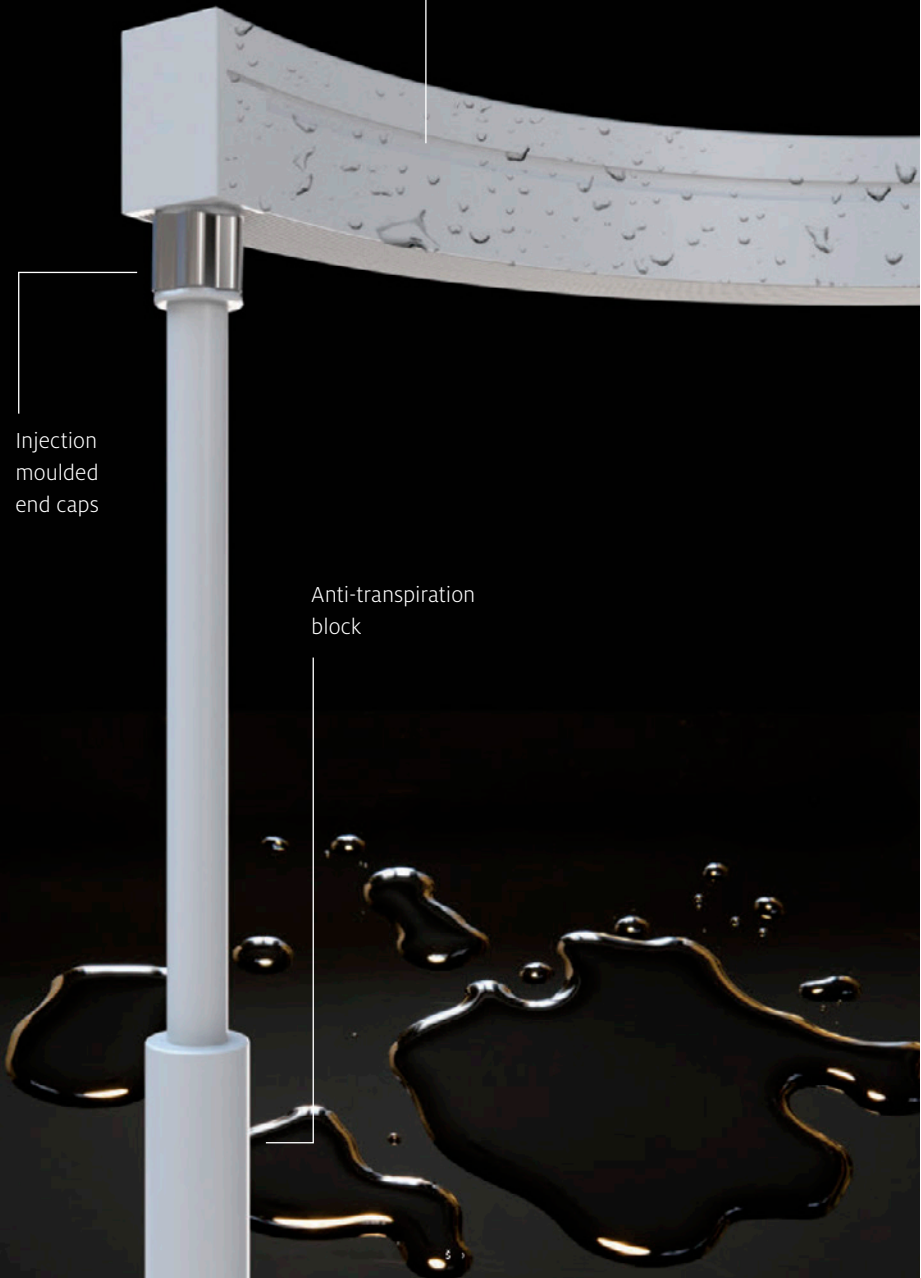
SEAMLESS CONNECTION

Injection moulded end caps with various direction options allow the cable to be hidden and achieve a seamless connection. Cable entry options: front, bottom and side, see page 17 for more details.

Extruded
high-grade Silicone

Injection
moulded
end caps

Anti-transpiration
block





LONG-LASTING PERFORMANCE. PEACE OF MIND.

**IP67
IK07**

VISTA FLEX is built using a high-grade silicone material giving the product enhanced properties for a long-lasting performance.



CONSTRUCTION

Extruded high-grade silicone body; UV resistant, non-yellowing and water repellent. Outperform conventional material at high and low temperature.



END CAPS

Injection moulded end caps mean no water ingress to ensure the long-term integrity of the system.



ANTI-TRANSPIRATION BLOCK

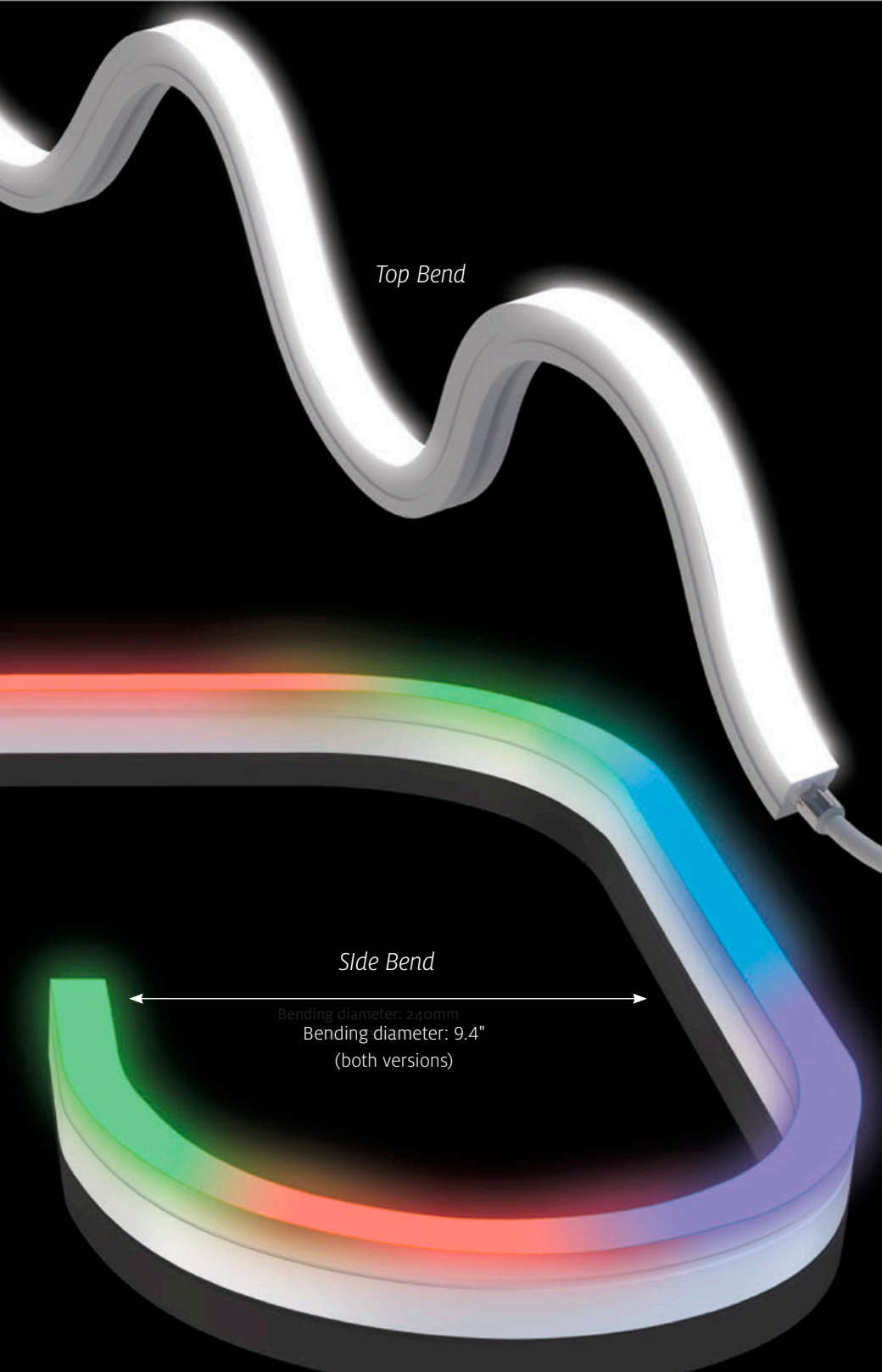
In many wire and cable applications, water and moisture migrate through the conductors shorting out and permanently damaging electronic circuitry (capillary effect). The result is expensive repair and replacement costs.

The solution? An anti-transpiration block on the cable. The silicone fills the voids between the conductor strands thus blocking the ability of fluid or moisture to seep through.



EXTREME ENVIRONMENTS

Suitable for extreme external environments ranging from -13°F to +113°F.

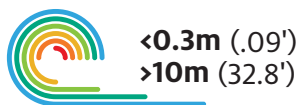


Top Bend

Side Bend

Bending diameter: 240mm
Bending diameter: 9.4"
(both versions)

FLEXIBILITY. DESIGN FREEDOM.



VISTA FLEX is an incredibly versatile and flexible lighting system offering unrivalled design possibilities.



BEND OPTIONS AND SIZES

Available in two bending directions, top and side bend, to integrate seamlessly in any outdoor architectural applications.

Standard metric lengths available:

0.3, 0.6, 0.9, 1.2, 3, 6, 10m.
(.98', 1.96', 2.95', 3.93', 9.84', 19.68', 32.8')

Bending diameter: 9.4" both versions.



COLORS AND CONTROL OPTIONS

Choose from different color temperatures; 2700K, 3000K, 4000K, Tunable White or RGBW.

To create stunning color chasing scenes opt for the PIXEL option.

Control methods available: on/off, 0-10V, DALI and DMX. Remote driver.



SEAMLESS INSTALLATION

Options of connection entries and mounting accessories; mounting clips and aluminium profile for an easy and reliable installation.



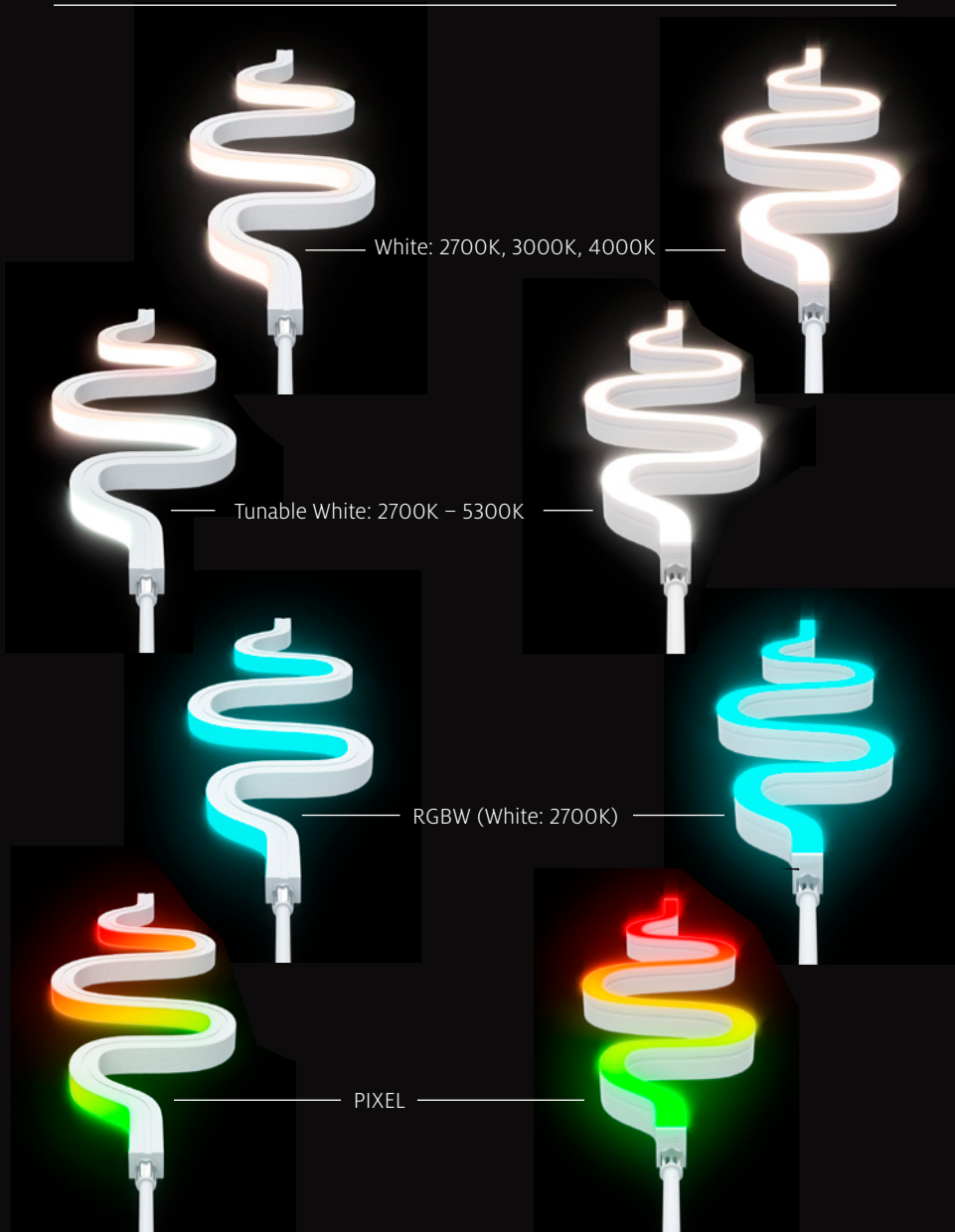


With a collaborative and flexible approach, we go out of our way to provide an outstanding experience for our customers.

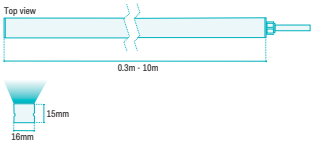
Specify
VISTA FLEX

Top Bend

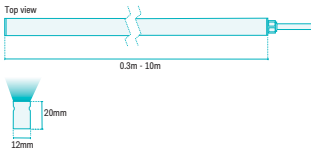
Side Bend



BEND OPTIONS AND SIZES



VISTA FLEX – TOP BEND

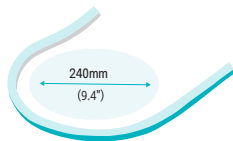


VISTA FLEX – SIDE BEND

COMPATIBILITY

Loop cable exit is only an option on 3m length. Tunable White, RGBW and PIXEL variants are only available up to 3m (9.84') length.

BENDING DIAMETER



*LENGTHS

Top and side versions overall length.
All sizes +/-8mm (.31").

REFERENCE	WHITE	RGBW	PIXEL
L03	306mm (1')	331mm (1.08')	381mm (1.25')
L06	606mm (1.98')	631mm (2.07')	631mm (2.07')
L09	906mm (2.97')	944mm (3.09')	881mm (2.89')
L12	1,206mm (3.95')	1,256mm (4.12')	1,256mm (4.12')
L30	3,006mm (9.86')	3,006mm (9.86')	3,006mm (9.86')
L60	6,006mm (19.07')	–	–
L100	10,006mm (32.82')	–	–

CUTTING INTERVALS

WHITE	RGBW	PIXEL
50mm (1.96")	62mm (2.44")	125mm (4.92")

VISTA FLEX

NOMINAL LENGTH*

0.3m (.98')	L003
0.6m (1.96')	L006
0.9m (2.95')	L009
1.2m (3.93')	L012
3m (9.84')	L030
6m (19.68')	L060
10m (32.8')	L100

COLOR

2700K	K927
3000K	K930
4000K	K940
Tunable White	K900
RGBW	RGBW
PIXEL	PIXEL
PIXEL length controllable section: 125mm (4.92")	

OPTIC

Top	TP
Side	SD

FINISH COLOR

White	WH
-------	----

SUPPLY CABLE ENTRY

Front	F
Side	S
Bottom	B

CABLE EXIT

End	E
-----	---

DRIVER WATTAGE

96 Watt Driver	O96W
----------------	------

DRIVER

ON/OFF	SW
0-10V	DU
DALI	DD
DMX	DM

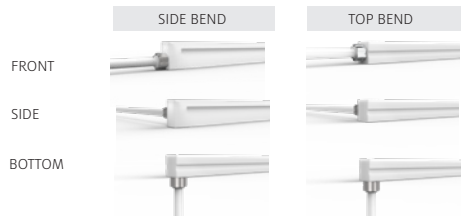
Example spec code:

L030 RGBW SD WH S E O96W SW

Description:

VISTA FLEX, 3m (9.84') length, RGBW, side bend, white, side cable entry, end cable exit. 96 watt driver, on/off

CABLE ENTRY OPTIONS



Note: If you order a front side or bottom loop version you will get the corresponding cable exit.

HOW TO SPECIFY VISTA FLEX LX

PRODUCT SELECTION

Each length of VISTA FLEX is supplied with a 1m (3.28') lead. Select the correct bend product for your application, if the wrong bend is selected it will not bend in the orientation you want it to.

The input cable orientation needs to be selected here also, often back feed will be required but this need to be taken into account as once you receive the product this can't be changed.

INSTALLATION

Please install the product as per the install guide. Care should be taken when removing the product from the reel, do not twist the product or bend in the wrong direction. IP rated junction boxes and T-tubes should be supplied by the installer. IP rated boxes should also be supplied by the installer for drivers and controllers.

PRODUCT LENGTH

Where possible order the exact length of product required i.e. 3.6m (11.81')
length = $x1 - 3m (9.84') \text{ reel} + x1 - 0.6m (1.97') \text{ reel}$.

CUTTING

Cut to length: If it is not possible to order exactly the correct length order as close as possible and check the cut increments of the variant you have selected. Make sure you order an end cap kit plus a cutting tool.

MOUNTING ACCESSORIES

- > The product should be mounted using either the mounting clips or the extrusion.
- > Quantity of clips will depend on the pattern you are installing, minimum required will be at beginning, mid and end of each bend and at start and end of run.
- > It is advised if you want to achieve a straight run to use the aluminium extrusion.
- > The number of clips required will depend on the application of the product. i.e. mounted horizontal or vertical.

DRIVER AND CONTROL

Select the correct driver and if Tunable White / RGBW / PIXEL variant of VISTA FLEX is specified a DMX / DALI controller will be required.

	CODE	DESCRIPTION
--	------	-------------

ALUMINUM PROFILE

Aluminum Profile Top 1.1m (3.60')	21100476	Vista Flex Aluminum Profile Top 1m (3.60')
Aluminum Profile Side 1.1m (3.60')	21100477	Vista Flex Aluminum Profile Side 1m (3.60')



MOUNTING CLIPS*

Mounting Clips Top	21100478	Vista Flex Mounting Clips Top
Mounting Clips Side	21100479	Vista Flex Mounting Clips Side



*1 bag contains 2 clips and 2 screws

END CAPS

End Cap Top	21100480	Vista Flex End Cap Top
End cap side	21100481	Vista Flex End Cap Side



CUTTING TOOL

Cutting Tool for VISTA FLEX	21100482	Vista Flex Cutting Tool
-----------------------------	----------	-------------------------

(top and side)

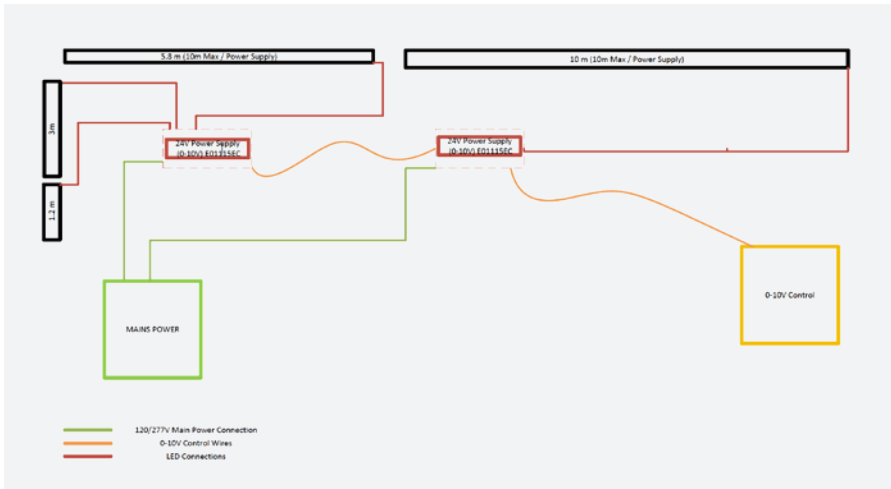


ORDER CODE	DESCRIPTION	WATTAGE	IP RATING
E01114EC	96 W Switched Power Supply	96	67
E01115EC	96 W 0–10 V Power Supply	96	67
11081938	96 W Power Supply / DT8 Control	96	67
11081939	96 W Power Supply / DT6 or DMX Control	96	67

WIRING SCHEMATICS

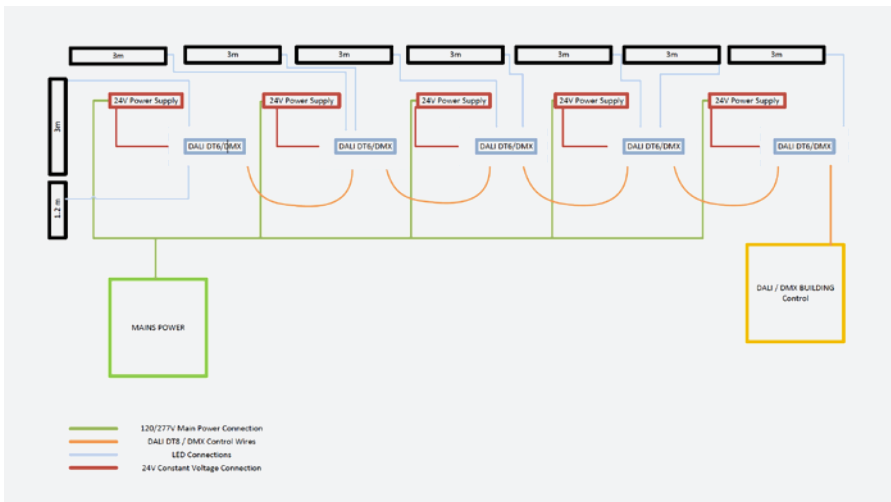
WHITE

2700K / 3000K / 4000K



DW

Tunable White / RGBW / DMX*



*IP65 or equivalent enclosure box for driver and connections provided by others.



PHOTOMETRIC SUMMARY

VISTA FLEX Top Bend		LUMEN OUTPUT (LM) per ft	WATTAGE (W) per ft
White 	2700K	178	3
	3000K	185	3
	4000K	175	3
Dynamic White 	2700K	156	2
	5300K	155	2
	2700K + 5300K	312	5
RGBW 	R	12	1
	G	42	1
	B	11	1
	2700K	57	1
	RGBW	125	5
PIXEL 	R	16	1
	G	44	1
	B	8	1
	RGB	66	3

VISTA FLEX Side Bend

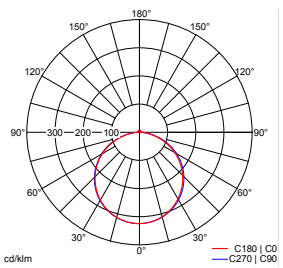
White 	2700K	98	3
	3000K	105	3
	4000K	105	3
Dynamic White 	2700K	82	2
	5300K	82	2
	2700K + 5300K	82	5
RGBW 	R	7	1
	G	25	1
	B	6	1
	2700K	35	1
	RGBW	71	5
PIXEL 	R	9	1
	G	28	1
	B	5	1
	RGB	42	3

Photometric performance is measured in compliance with IESNA LM 79-08.

White: Based on 3000K, Tunable white: Based on all color temperature on 100%, RGBW: Based on all channels on 100%

Optics

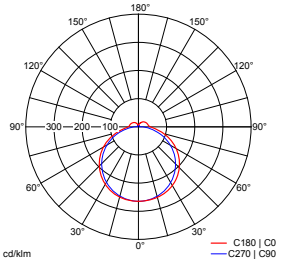
Diffused (120°)



3000K

Optics

Diffused (120°)



3000K



VISTA FLEX

*Make the normal interesting.
Make icons iconic. Make the
exciting amazing and the
impressive unbelievable.*

T H E L I G H T

zumtobel.us/contacts

EN 06/2023 © Zumtobel Lighting Inc.

We reserve the right to make technical changes without notice.

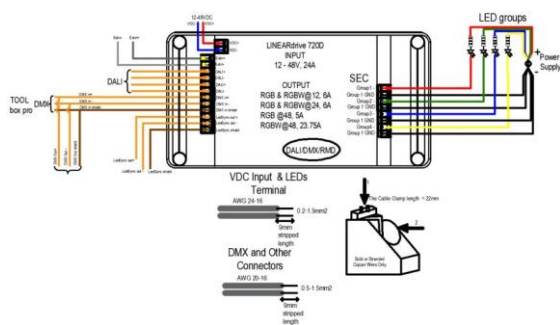


24V DALI DIMMING UNIT (4CH)

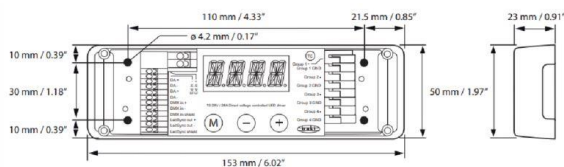
21100487



SCHEMATICS



DIMENSIONS



CONTROLS

Driver Type (CC,CV,CC/CV)	CV
Dimming (0-10V,Dali,DMX,Fixed)	DMX/RMD,DALI
Control Channels	4

INPUT PARAMETERS

Input Voltage DC (V)	12-28
Protection Function (OL, SC, OH)	√

OUTPUT PARAMETERS

Max output power (W)	576
Min. forward voltage (V)	5
Max. forward voltage (V)	24
Max output voltage - no load(V)	24
LED output voltage(V)	RGBW,RGB@12V,6A RGBW,RGB@24V,6A
Max output power(W)	24 Total or 6 per CH
SELV	No

ENVIRONMENTS

Ambient Temperature (Ta°C)	-20, +50
Max. casing Temperature (Ta°C)	65
Dimensions (L-W-D mm)	153 x 50 x 23
Weight (g)	144
Lifetime (Hours @typ °C)	50,000
Warranty (Years)	3
Casing Material	Plastic
Country of Origin	Netherlands





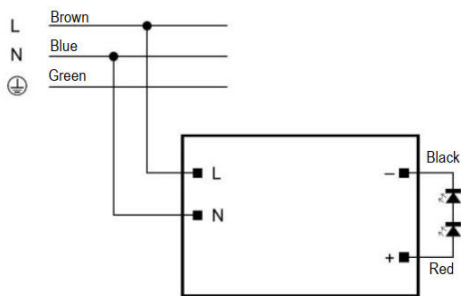
EDXe 175/24.040

DRIVER 1900/CV24/70W

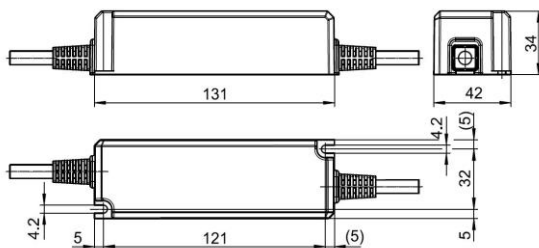
21903619



SCHEMATICS



DIMENSIONS



CIRCUIT BREAKERS

C10	C13	C16	C20
21	27	34	
B10	B13	B16	B20
12	16	20	

CONTROLS

Driver Type (CC,CV,CC/CV)	CV
Dimming (0-10V,Dali,DMX,Fixed)	Fixed
Control Channels	N/A

INPUT PARAMETERS

Input Voltage AC (V)	220-240
Typ. Current (full load) - A	0.4
Frequency Range (Hz)	50/60
In-rush current (A/s)	19.8/203
Typ. Efficiency (η) % (@full load)	88
Power factor (Φ)	>95
THD (%)	<10
Protection Function (OL, SC, OH)	✓
Mains Surge (L-N)-kV	1
Mains surge (L/N-PE)-kV	2

OUTPUT PARAMETERS

Max output power (W)	75
Min. forward voltage (V)	V
Max. forward voltage (V)	24
Max. current output(mA)	3125
Ripple Current (mA)	<3
SELV	✓

ENVIRONMENTS

IP Rating	IP67
Ambient Temperature (T_a °C)	-15 - 40
Typ. casing Temperature (T_a °C)	70
Max. casing Temperature (T_a °C)	80
Dimensions (L-W-D mm)	131 x 42 x 34
Weight (g)	440
Lifetime (Hours @typ °C)	50,000
Lifetime (Hours @max °C)	30'000
Warranty (Years)	3
Casing Material	K30.2
Country of Origin	Germany



*Independent drivers only



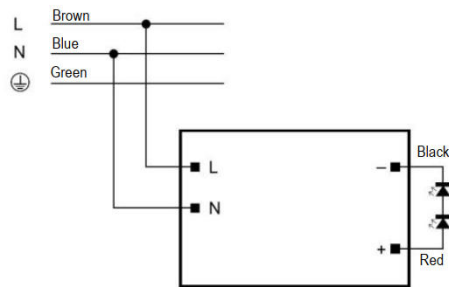
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DRIVER 1900/CV24/175W

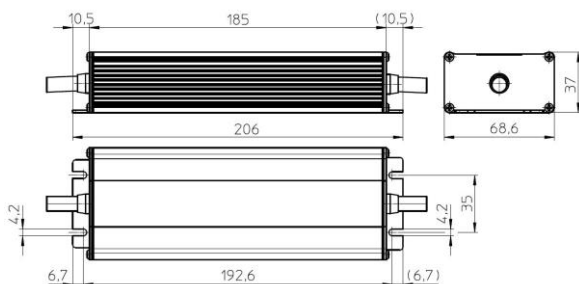
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SCHEMATICS



DIMENSIONS



CIRCUIT BREAKERS

C10	C13	C16	C20
6	8	10	
B10	B13	B16	B20
3	4	9	

CONTROLS

Driver Type (CC,CV,CC/CV)	CV
Dimming (0-10V,Dali,DMX,Fixed)	Fixed
Control Channels	N/A

INPUT PARAMETERS

Input Voltage AC (V)	220-240
Typ. Current (full load) - A	0.9 - 1
Frequency Range (Hz)	50/60
In-rush current (A/s)	107/207
Typ. Efficiency (η) % (@full load)	94
Power factor (Φ)	0.95
THD (%)	<10
Protection Function (OL, SC, OH)	✓
Mains Surge (L-N)-kV	1
Mains surge (L/N-PE)-kV	2

OUTPUT PARAMETERS

Max output power (W)	200
Min. forward voltage (V)	V
Max. forward voltage (V)	24
Max. current output(mA)	8300
Ripple Current (mA)	<3
SELV	✓

ENVIRONMENTS

IP Rating	IP67
Ambient Temperature (T_a °C)	-15 - 60
Typ. casing Temperature (T_a °C)	75
Max. casing Temperature (T_a °C)	85
Dimensions (L-W-D mm)	206 x 68.6 x 37
Weight (g)	840
Lifetime (Hours @typ °C)	50,000
Lifetime (Hours @max °C)	30'000
Warranty (Years)	5
Casing Material	M58.1
Country of Origin	Germany





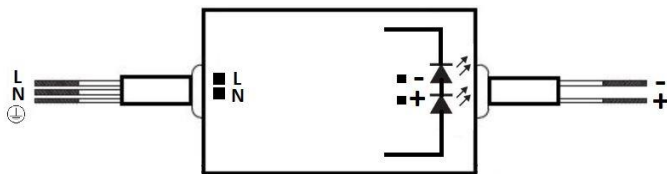
acdc1900/CV24/320W/HF

DRIVER 1900/CV24/320W/HF

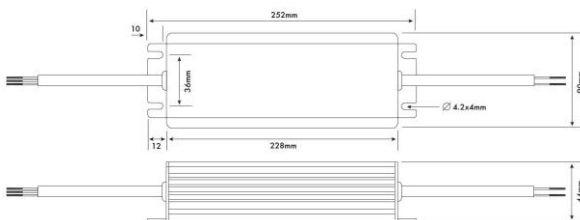
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SCHEMATICS



DIMENSIONS

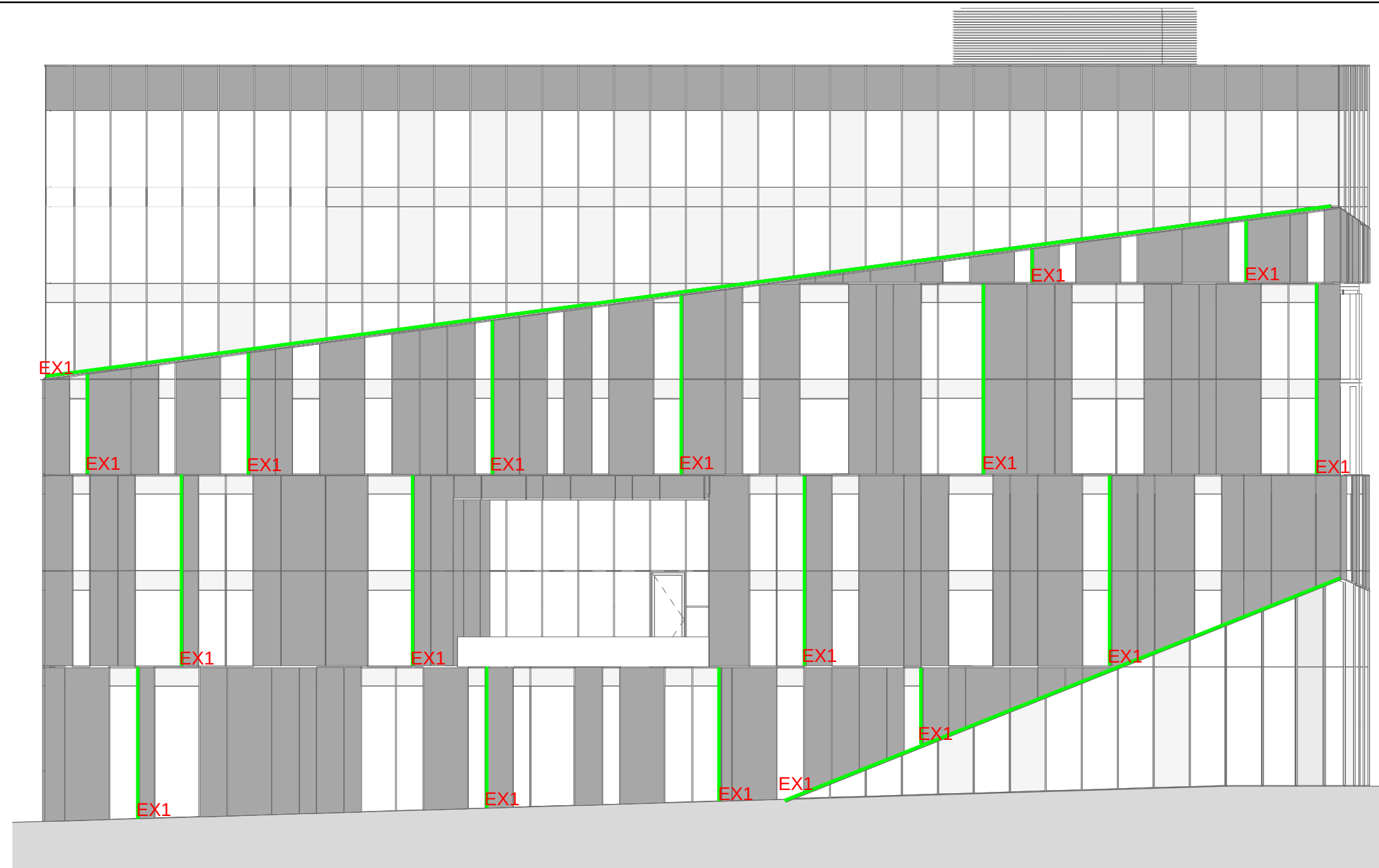


CIRCUIT BREAKERS

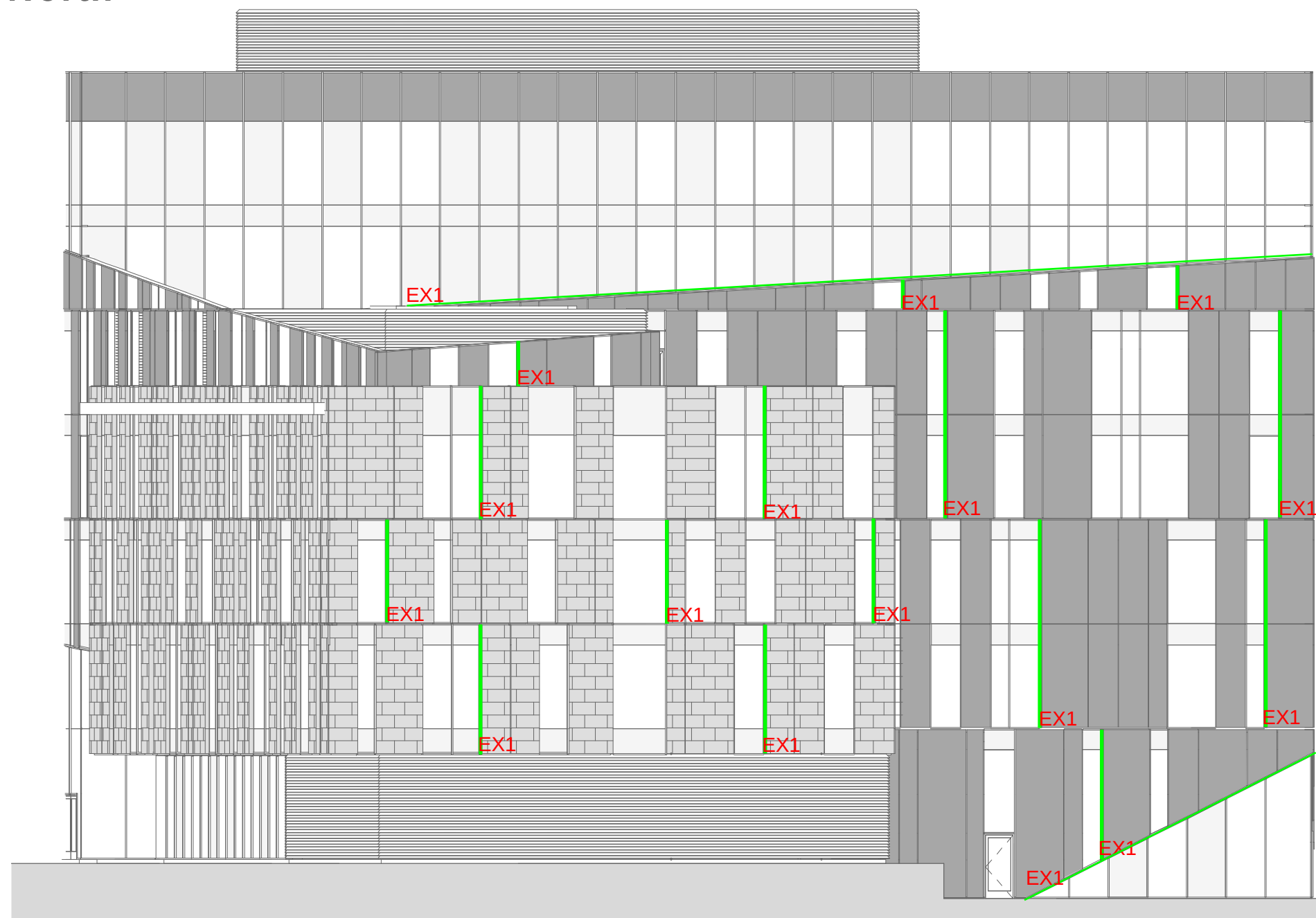
C10	C13	C16	C20
1	1	2	2
B10	B13	B16	B20
1	1	1	1

CONTROLS	
Driver Type (CC,CV,CC/CV)	CV
Dimming (0-10V,Dali,DMX,Fixed)	Fixed
Control Channels	N/A
INPUT PARAMETERS	
Input Voltage AC (V)	100-240
Typ. Current (full load) - A	mA
Frequency Range (Hz)	47/63
In-rush current (A/s)	A/uA
Typ. Efficiency (η) % (@full load)	92
Power factor (Φ)	0.95
THD (%)	%
Protection Function (OL, SC, OH)	✓
Mains Surge (L-N)-kV	kV
Mains surge (L/N-PE)-kV	kV
OUTPUT PARAMETERS	
Max output power (W)	320
Min. forward voltage (V)	V
Max. forward voltage (V)	24
Max. current output(mA)	13300
Ripple Current (mA)	%
SELV	✓
ENVIRONMENTS	
IP Rating	IP67
Ambient Temperature (T_a °C)	-20 -50
Typ. casing Temperature (T_a °C)	50
Max. casing Temperature (T_a °C)	70
Dimensions (L-W-D mm)	252 x 90 x 44
Weight (g)	1000
Lifetime (Hours @typ °C)	50,000
Lifetime (Hours @max °C)	h
Warranty (Years)	5
Casing Material	Metal
Country of Origin	UK





Elevation - North



Elevation - South

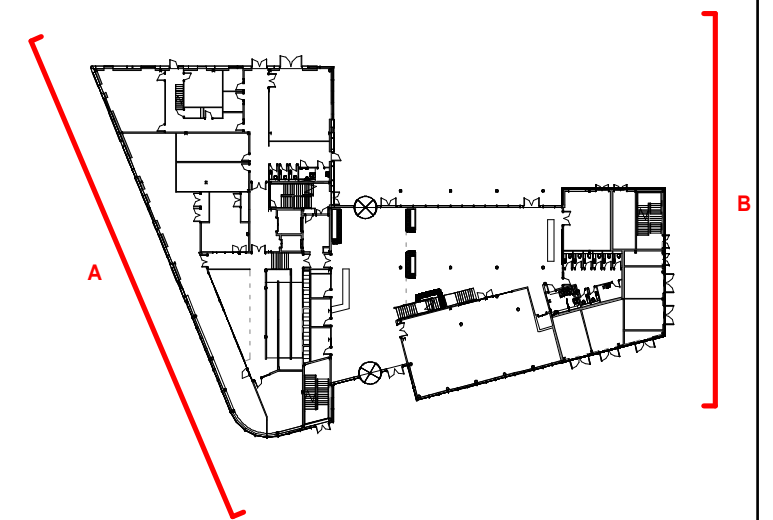
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2. ALL PLANT AND EQUIPMENT IS TO BE INSTALLED TO MANUFACTURER'S RECOMMENDATIONS, ALLOWING FULL ACCESS FOR COMMISSIONING, MAINTENANCE AND REMOVAL/REPLACEMENT.
3. ALL DIMENSIONS IN mm UNLESS OTHERWISE STATED.
4. DO NOT SCALE FROM THIS DRAWING.
5. FOR LUMINAIRE REFERENCES REFER TO LUMINAIRE SCHEDULE HWA-CDL-XX-XX-SH-LG-63701

1028852

A2

DO NOT SCALE FROM THIS DRAWING



Indicative LED Light Meterage

North - 174.2m

South - 72.6m

Proposed LED Linear Ref.EX1

P01	01/10/2021	STAGE 4 ISSUE	KC	HM	MT
Issue	Date	Description	By	Chkd	Verfd

Project	
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Health & Wellbeing Academy

Client

University of Huddersfield

Architect

AHR ARCHITECTS

	Title
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FACADE LIGHTING 1 of 2

Drawing No.		Drawing Status	
HWA-CDL-XX-XX-DR-63001		S4 - ISSUED FOR TENDER	
Job No.		Scale	
1028852		X	
Originator	Checker	Verified	Issue
KC	HM	MT	S4

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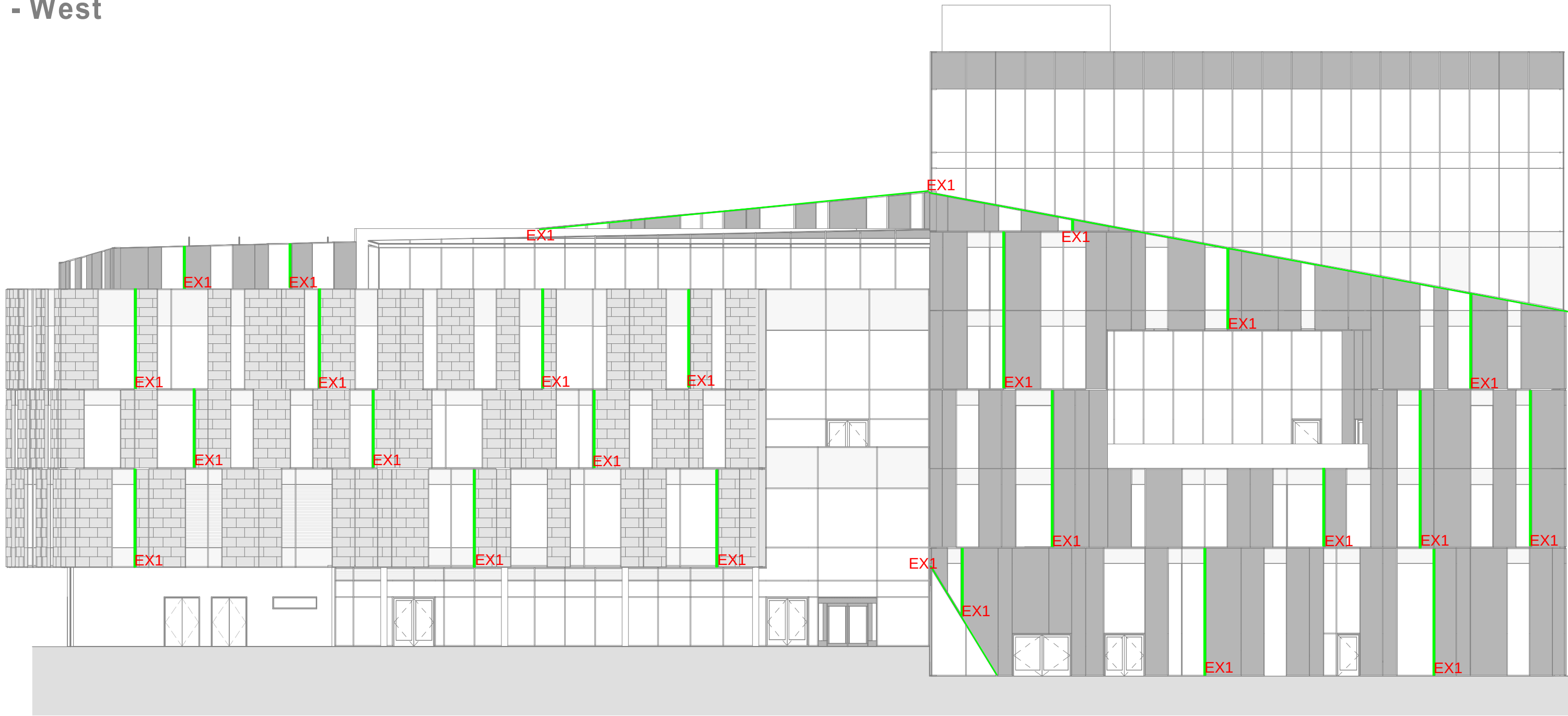
10th Floor, Manchester One, Portland Street,
Manchester
M1 3AH
Telephone: +44 (0)161 244 5660

Website: www.cundall.com

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Elevation - West



Elevation - East

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3. ALL DIMENSIONS IN mm UNLESS OTHERWISE STATED.

4. DO NOT SCALE FROM THIS DRAWING.

5. FOR LUMINAIRE REFERENCES REFER TO LUMINAIRE SCHEDULE HWA-CDL-XX-XX-SH-LG-63701

1028852

A2

DO NOT SCALE FROM THIS DRAWING

Indicative LED Light Meterage

West - 190.5m

East - 107.8m

Proposed LED Linear Ref.EX1

P01	01/10/2021	Stage 3 Issue	KC	HM	MT
Issue	Date	Description	By	Chkd	Verfd

Project
Health & Wellbeing Academy

Client
University of Huddersfield
Architect
AHR ACHITECTS

Title
FACADE LIGHTING 2 of 2

Drawing No.	Drawing Status
HWA-CDL-XX-XX-DR-63002	S4 - ISSUED FOR TENDER

Job No.	Scale
1028852	X

Originator	Checker	Verified	Issue
KC	HM	MT	S4

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