

600 WEST MAIN STREET

CHARLOTTESVILLE, VA

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ISSUE DATE: March 10, 2017

REVISIONS: A-04/06/17, B-04/07/17, C-04/11/17

TYPE	LUMINAIRE SPECIFICATION	LUMINAIRE DESCRIPTION	LAMP CODE	LAMPS/ UNIT	MAX WATTS/ UNIT	VOLTS	NOTES	REV.
LF	Pios (3)06.1105.00/(2)08.8914.00/(1)06.1140.00/(1)LED96W24V/(6)06.1142.00A90	Wall recessed, vertical linear LED line of light. (Ordering code based on a nominal 10' length.)	N/A	N/A	6/ft	120 Prim 24 Sec	1,2,3,5,8, 10,12,16, 21,22,23,2 5	A,B,C
LG	Pinnacle Lighting EV3WG-30-xx'-SF-1D-W Or approved alternate by: Finelite or Focal Point	Ceiling recessed LED wall grazing light with mud -up-to edge (0-10V dimming)	N/A	N/A	6/ft	120	1,2,3,10, 16,21,25	A,B,C
RA	To be determined	Decorative pendant at ground level elevator lobby	N/A	N/A	50	120	1,2,4	B,C
SA	Vista Lighting GR-3108-x-9.5-x-xx-HL Or approved equal by: BK Lighting or Aurora Lighting	Ground mounted LED tree uplight	N/A	N/A	15	As Req'd	1,3,6,20,2 4	B,C
SB	LED Linear Kalypso Hydra HD15-W827-xxmm- with clips/feeds and remote drivers as required Or approved equal by: Bilton or Rosco	Linear ingrade LED uplight at Corten entry portals	N/A	N/A	5/ft	120 Prim 24 Sec	1,3,7,8,12,1 3,16,21,22, 24	B,C
SC	Not Used							B

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TYPE	LUMINAIRE SPECIFICATION	LUMINAIRE DESCRIPTION	LAMP CODE	LAMPS/ UNIT	MAX WATTS/ UNIT	VOLTS	NOTES	REV.
SJ	LED Linear VariolED-Hydra-LD10-W820(net 25k) in C002-L2D-IP67-open end feed 5 meters Or approved equal by: Bilton or Rosco	Linear LED striplight mounted at edge of planter box. Remote driver(s) required.	N/A	N/A	4/ft	120 Prim 24 Sec	1,3,8,12, 13,16,20, 21,22,24	B,C
SK	LED Linear Adonis Hydra HD6-W820(24k)0639-IP67 Or approved equal by: Bilton or Rosco	24" nominal linear LED accent luminaire at bike rack elements. Remote driver(s) required	N/A	N/A	2/ft	120 Prim 24 Sec	1,3,8,12, 13,16, 21,22,24	A,B,C
SL	LED Linear VariolED-HYDRA-LD25-W835(net 51k) in C016-D30°-IP67-xxmm-open end feed 5 meters Or approved equal by: Bilton or Rosco	Exterior rated Linear LED grazing fixture. Remote driver(s) required.	N/A	N/A	9/ft	120 Prim 24 Sec	1,3,8,9, 12,13,16, 21,22,24	A,B,C

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TYPE	LUMINAIRE SPECIFICATION	LUMINAIRE DESCRIPTION	LAMP CODE	LAMPS/ UNIT	MAX WATTS/ UNIT	VOLTS	NOTES	REV.
SP	LED Linear VarioLED-Hydra-LD10- W835(net51K) in C013-D30°-IP67- open end feed 5 meters Or approved equal by: Bilton or Rosco	Exterior rated, low profile, LED grazing uplight for balcony panels. Remote driver(s) required	N/A	N/A	4/ft	120 Prim 24 Sec	1,2,3,8,9, 12,13,16, 21,22,24	A,B,C
SR	Pinnacle Lighting EV3WG-30-xx'-SF-1D-W Or approved alternate by: Finelite or Focal Point	Ceiling recessed LED wall grazing light with mud -up-to edge (0-10V dimming)	N/A	N/A	6/ft	120	1,2,3,9, 10,16,25	A,B,C
TA	ERCO 78352.023	Recessed, multi-circuit track.	N/A	N/A	N/A	120	1,2,3,16, 17,18,25	A,C
TB	ERCO Optec series 77167.023	Trackhead with interchangeable lensed optic system supporting local potentiometer + line voltage dimming.	Integral 3000K LED	N/A	16	120	19,20	A,C
TC	ERCO Optec series 77183.023	Trackhead with interchangeable lensed optic system supporting local potentiometer + line voltage dimming.	Integral 3000K LED	N/A	16	120	19,20	A,C



PROFESSIONAL
OUTDOOR LIGHTING

SPECIFICATION SHEET

Type:

Model:

Project:

MODEL 3108 Landscape Series • Up & Accent Lights

FIXTURE SPECIFICATIONS:

HOUSING:

Die-cast, copper-free aluminum.

SHROUD:

Die-cast, copper-free aluminum fitted to housing with a closed-cell molded silicone gasket – providing a superior weather-tight seal. Door is designed to shed water from the lens surface.

FINISH:

Polyester powder-coat finish available in Black, Verde, Architectural Brick, Architectural Bronze, Light Bronze, Dark Bronze, Granite, Pewter, Terracotta, Rust, Hunter Green, Mocha, Weathered Bronze, Weathered Iron, and White.

LENS:

Clear, tempered, shock and heat-resistant, soda-lime glass lens.

LAMP TYPE:

LED Lamp Only - Cree® MT-G2 High Density Array (HDA) driven at 4.5-watts, 9.5-watts, or 13-watts. Color temperature available in W - Warm (3000K), N - Neutral (4000K), C - Cool (5000K), 27 - (2700K), 35 - (3500K).

ELECTRICAL:

Input voltage range 9 - 15V AC.

OPTICS:

Available in VNS - Very Narrow Spot, SP - Spot, MF - Medium Flood, or WF - Wide Flood.

MOUNTING:

Injection-molded composite adjustable knuckle with 1/2" NPS thread. Fixture may be mounted into threaded hubs in junction boxes, ground stakes (GR), tree mount boxes (TR), or mounting canopies (WR).

FASTENERS:

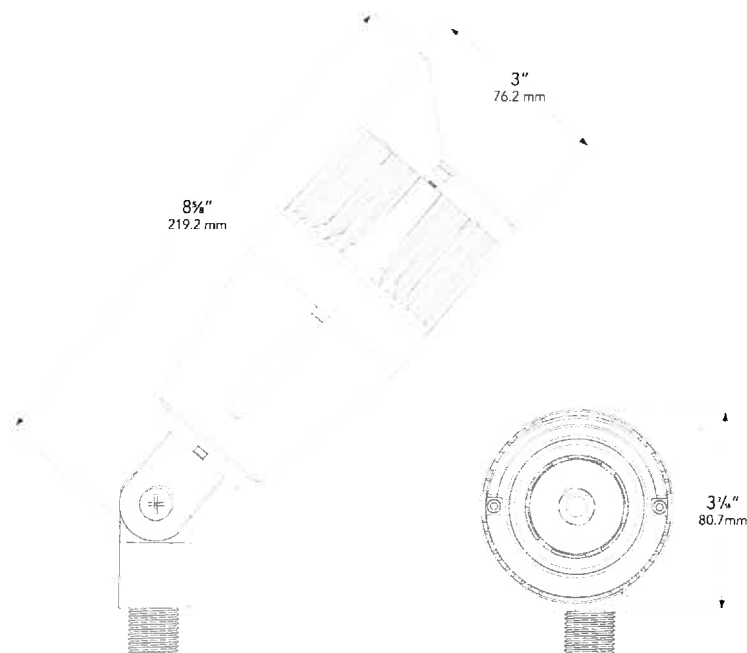
All fasteners are stainless steel.

WIRING:

Prewired with a 36" pigtail of 18-2 direct-burial cable and underground connectors for a secure connection to supply cable.

All Vista luminaires are **MADE IN U.S.A.**

DIMENSIONS:



Vista Professional Outdoor Lighting reserves the right to modify the design and/or construction of the fixture shown without further notification.



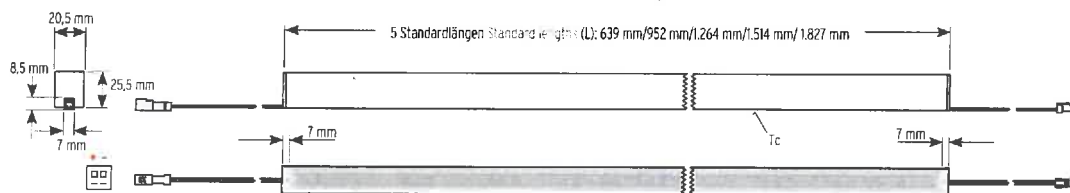
KALYPSO HYDRA White IP67



24 V, lichtstarke, IP67 geschützte und IK10 geprüfte, lineare LED-Leuchte mit kleinem Formfaktor und präzisen Linearoptiken für optimale Lichtlenkung. Sie ist IP67 geschützt gegen Wasser, Salzwasser, Lösungsmittel und UV-Strahlung durch einen klaren Polyurethanverguss. Das Profil mit kleinem Querschnitt und wahlweise 10° Streiflicht, 30° oder 60° allgemeine Beleuchtungsoptik, garantiert eine gezielte Ausleuchtung der Beleuchtungsaufgabe. Sie ist in 5 Standardlängen erhältlich und wird steckerfertig mit einem IP67 Mini-Stecker geliefert. Die Montage wird mit unsichtbaren Lichtfugen und Anschlüssen realisiert. Lebensdauer von > 60.000 h (L80/B10). Made in Germany.

24 V, light intensive, IP67 protected and IK10 certified, linear LED luminaire with small form factor and precise linear optics for optimum directional light. It is IP67 protected against water, salt water, solvents and UV radiation by a clear polyurethane encapsulation. The profile of small cross section and either 10° wall grazing, 30° or 60° general illumination optics, guarantees a perfect and targeted illumination of the specific lighting task. It is available in 5 standard lengths and supplied ready to plug in with a IP67 mini connector. The mounting is realized with invisible light joints and connections. Lifetime of > 60.000 hrs (L80/B10). Made in Germany.

Abmessungen & verfügbare Längen Dimensions & available lengths



Klar vergossene LED Lichtlinie mit Linsen
Clear encapsulated LED light line with lenses

Tc-Punkt (Gehäuse Temp.) auf der Rückseite des Moduls
Tc point (Case Temp.) on the back side of the module

Oberfläche: Weiße Pulverbeschichtung
Finish: White powder coating

Kabellänge ca. 180 mm
Cable length approx. 180 mm

Elektrische & Optische Betriebsdaten Electrical & output data

Spannung Voltage	24 Volt (23 V _{min} , 25 V _{max})
Temperatur Temperature ¹	T _{Cmin} = -25°C, T _{Cmax} (untere Tabelle Table below)
Lagertemperatur Storage temperature	T _{Smn} = -30°C, T _{Smax} = 85°C
Außentemperatur Ambient temperature	T _{Amin} = -25°C, T _{Amax} (untere Tabelle Table below)
Ra CRI	bis zu up to 95
R9	bis zu up to 65

KALYPSO HYDRA	HD6	HD10	HD15	HD25	HD36
Leistung Power (W/m) ¹	6	10	15	25	36
Effizienz Efficacy (lm/W) ¹	93	94	101	98	99
max. serielle Lauflänge bei einer Einspeisung max. serial run length (mm)	5000	5000	4000	3000	2000
Temp. Tc-Punkt Temp. Tc point (T _{Cmax}) ²	70°C	70°C	70°C	75°C	85°C
max. Außentemp. max. Ambient temp. (T _{Amax})	40°C	40°C	40°C	40°C	35°C

Farbtemperatur Color temperature ³		HYDRA HD6	HYDRA HD10	HYDRA HD15	HYDRA HD25	HYDRA HD36
		lumen/meter (lm/m) ¹				
● W820	2000 K	330	550	870	1420	2070
● W822	2200 K	370	620	1000	1620	2370
● W825	2500 K	430	710	1140	1850	2710
● W827	2700 K	380	640	1210	1970	2870
● W830	3000 K	390	650	1280	2090	3050
● W835	3500 K	400	670	1350	2190	3200
● W840	4000 K	410	680	1380	2240	3270
● W850	5000 K	560	940	1510	2450	3580

¹ Die angegebenen Daten sind typische Werte. Aufgrund von Produktionstoleranzen und der Toleranzen der elektrischen Bauteile können die Werte der elektrischen Leistung und des Lichtstroms um bis zu 10% nach oben oder unten abweichen.

² Der Tc-Punkt sollte im thermisch eingewohnten Zustand gemäß EN 60598-1 gemessen werden.

³ The given data are typical values. Due to tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.

⁴ The Tc point should be measured in the thermally equilibrated state according to EN 60598-1.

ONE BIN ONLY

Lebensdauer
Lifetime

L80/B10
> 60.000 h

LM 79
konform
conform

LM 80
konform
conform

UV geschützt
UV protected

Lösungsmittel geschützt
Solvent resistant

Salzwasser geschützt
Salt water resistant

Schutz beim Eintauchen
Protection when immersing

Stoßfestigkeit
Impact resistant



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FINISH:

Polyester powder-coat finish available in Black, Verde, Architectural Brick, Architectural Bronze, Light Bronze, Dark Bronze, Granite, Pewter, Terracotta, Rust, Hunter Green, Mocha, Weathered Bronze, Weathered Iron, and White.

LENS:

Clear, tempered, shock and heat-resistant, soda-lime glass lens.

LAMP TYPE:

LED Lamp Only - Cree® MT-G2 High Density Array (HDA) driven at 4.5-watts, 9.5-watts, or 13-watts. Color temperature available in W - Warm (3000K), N - Neutral (4000K), C - Cool (5000K), 27 - (2700K), 35 - (3500K).

ELECTRICAL:

Input voltage range 9 - 15V AC.

OPTICS:

Available in VNS - Very Narrow Spot, SP - Spot, MF - Medium Flood, or WF - Wide Flood.

MOUNTING:

Injection-molded composite adjustable knuckle with ½" NPS thread. Fixture may be mounted into threaded hubs in junction boxes, ground stakes (GR), tree mount boxes (TR), or mounting canopies (WR).

FASTENERS:

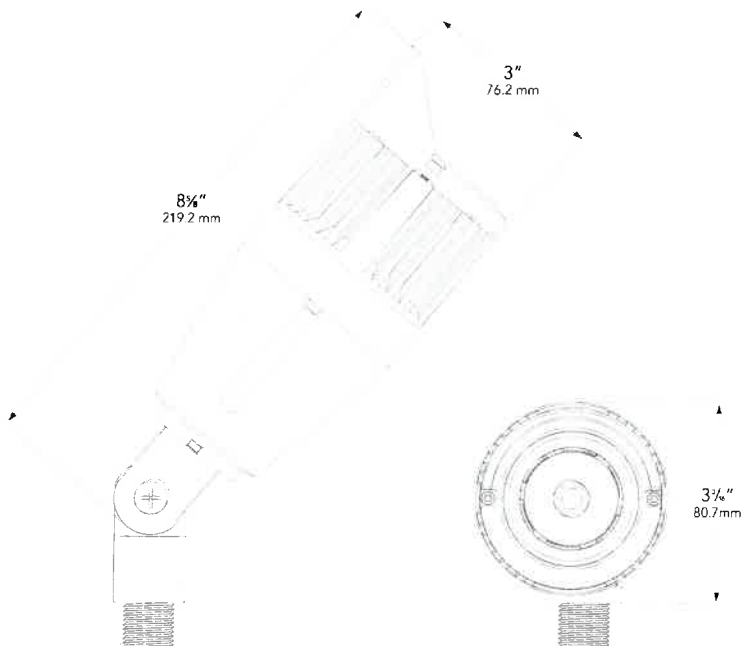
All fasteners are stainless steel.

WIRING:

Prewired with a 36" pigtail of 18-2 direct-burial cable and underground connectors for a secure connection to supply cable.

All Vista luminaires are **MADE IN U.S.A.**

DIMENSIONS:



Vista Professional Outdoor Lighting reserves the right to modify the design and/or construction of the fixture shown without further notification.



Date: _____ Type: _____

Firm Name: _____

Project: _____

eW Flex Compact

Flexible strands of high-intensity LED nodes with solid white light

Ordering Information

Select one component from each column to specify a complete configuration.

Color Temperature	Node Count	Node Spacing	Node/Cable Color	Lens
2000 K	1	3 in	White	Clear Flat
2700 K	•	4 in	Black	Translucent Flat
3000 K	•	•	Clear	Semi-Frosted Flat
3500 K	50	•		Clear Dome
4000 K	•	12 in		Translucent Dome
5000 K	•	•		Semi-Frosted Dome
5700 K	60	•		Narrow Beam
6500 K	In addition to the standard node count of 50 per string, you can specify any node count between 1 and 60 per string.	24 in In addition to standard node spacing of 4 in and 12 in on center, you can specify any on-center node spacing from 3 in to 24 in, in English or metric units.		You must specify a flat lens to use the Marquee Lens Kits with eW Flex Compact.
= Standard component				

Standard Configurations

If you select all standard components (shaded teal), find your configuration in the standard configurations list, and order using the Item Number or Philips 12NC. Standard configurations are not subject to minimum order quantities or extended production lead times.

Standard Configuration Example: eW Flex Compact, 50 nodes, 12 in, White node/cable, Narrow Beam Lens

(Use Item Number 500-000012-58 or Philips 12NC 912400135784)

Custom Configurations

If you select one or more non-standard (non-shaded) components, your configuration is custom.

Minimum Order Quantity: 10 strings per configuration

Production Lead Time: 12 weeks ARO (standard shipping options apply)

Custom Configuration Example: Special, eW Flex Compact, 5700 K, 25 nodes, 3 in, Clear node/cable, Translucent Dome Lens

(Contact your Philips Color Kinetics Lighting Sales group with the product description for custom configurations.)

In North America contact: Philips Color Kinetics Sales, 888.385.5742 or sales@colorkinetics.com

PHILIPS

Item	Type		Item Number	Philips 12NC
eW Flex Compact 50 nodes 12 in on-center node spacing	Clear Flat Lens	White	500-000012-04	912400130623
		Black	500-000012-05	912400130624
	2700 K Translucent Dome Lens	White	500-000012-06	912400130625
		Black	500-000012-07	912400130626
	Narrow Beam Lens	White	500-000012-58	912400135784
		Black	500-000012-59	912400135785
	Clear Flat Lens	White	500-000012-12	912400130631
		Black	500-000012-13	912400130632
	3000 K Translucent Dome Lens	White	500-000012-14	912400130633
		Black	500-000012-15	912400130634
	Narrow Beam Lens	White	500-000012-62	912400135788
		Black	500-000012-63	912400135789
	Clear Flat Lens	White	500-000012-20	912400130639
		Black	500-000012-21	912400130640
	3500 K Translucent Dome Lens	White	500-000012-22	912400130641
		Black	500-000012-23	912400130642
	Narrow Beam Lens	White	500-000012-66	912400135792
		Black	500-000012-67	912400135793
	Clear Flat Lens	White	500-000012-28	912400130647
		Black	500-000012-29	912400130648
	4000 K Translucent Dome Lens	White	500-000012-30	912400130649
		Black	500-000012-31	912400130650
	Narrow Beam Lens	White	500-000012-74	912400135801
		Black	500-000012-75	912400135802
	Clear Flat Lens	White	500-000012-52	912400133739
		Black	500-000012-53	912400133740
	5000 K Translucent Dome Lens	White	500-000012-54	912400133741
		Black	500-000012-55	912400133742
	Narrow Beam Lens	White	500-000012-78	912400135805
		Black	500-000012-79	912400135806
	Clear Flat Lens	White	500-000012-36	912400130655
		Black	500-000012-37	912400130656
	5700 K Translucent Dome Lens	White	500-000012-38	912400130657
		Black	500-000012-39	912400130658
	Narrow Beam Lens	White	500-000012-82	912400135809
		Black	500-000012-83	912400135810
	Clear Flat Lens	White	500-000012-44	912400130663
		Black	500-000012-45	912400130664
	6500 K Translucent Dome Lens	White	500-000012-46	912400130665
		Black	500-000012-47	912400130666
	Narrow Beam Lens	White	500-000012-86	912400135813
		Black	500-000012-87	912400135814

Use Item Number when ordering in North America.



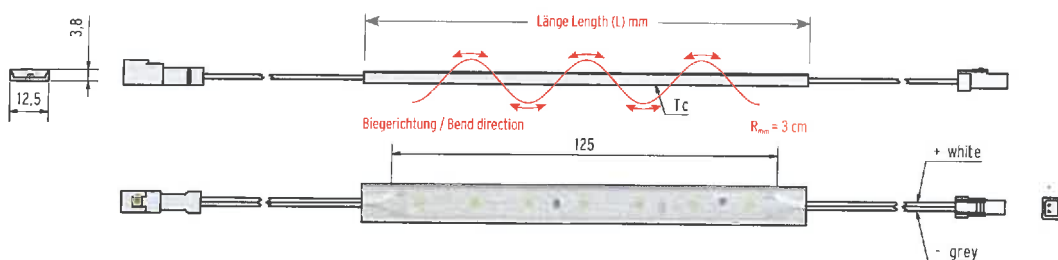
VarioLED™ Flex HYDRA LD White IP67



Wasser- und UV-geschützte flexible lineare LED Leuchte in bis zu 7,5 m Länge im Polyurethanverguss mit weißem Boden und mit 200 mm IP67 Mini Steckverbinder an beiden Enden.

Water & UV resistant flexible linear LED luminaire in up to 7.5 m length in polyurethane encapsulation with white casing and with 200 mm IP67 mini connectors on both ends

Abmessungen & verfügbare Längen Dimensions & available lengths



$L = N \times 125 + 19$; $L_{min} = 1 \times 125 + 19 = 144 \text{ mm}$; $LD5 \pm L_{tol} = 7.519 \text{ mm}$; $LD10 \pm L_{tol} = 5.019 \text{ mm}$; $LD15 \pm L_{tol} = 4.019 \text{ mm}$
($LD5 \pm N = 1...60$, $LD10 \pm N = 1...40$, $LD15 \pm N = 1...32$)

Tc-Punkt: Gesamte Rückseite des vergossenen LED Bands
Toward: Entire encapsulated flexible band rear side

Elektrische & Optische Betriebsdaten Electrical & output data

Farbtemperatur Color temperature ²		LD5	LD10	LD15
		lumen/meter (lm/m) ¹		
W820	2500 K	340	680	1090
W822	2900 K	390	780	1250
W825	3300 K	450	890	1430
W827 W927	3800 K 3600 K	400	950	1510
W830 W930	4300 K 4300 K	400	1000	1600
W835 W935	5100 K 4900 K	420	1050	1690
W840 W940	6100 K 6600 K	430	1080	1720
W850	9600 K	590	1180	1880

Es gelten die selben Daten wie für VarioLED™ Flex HYDRA LD mit folgenden Ausnahmen: 30% Lichtverlust und Farbverschiebung im Vergleich zum nicht vergossenen LED Strip.
Same data as for VarioLED™ Flex HYDRA LD appl. except 30% light loss and color shift compared to non encapsulated LED strip

Bitte sprechen Sie uns an für kundenspezifische Anpassungen, wie z. B. Kabellängen und Stecker.

Please ask for custom specific adaptations like cable length and plugs.

¹ Die angegebenen Daten sind typische Werte. Aufgrund von Produktionstoleranzen und der Toleranzen der elektrischen Bauteile können die Werte der elektrischen Leistung und des Lichtstroms um bis zu 10% nach oben oder unten abweichen.

The given data are typical values. Due to tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.

² Bei IP67 Produkten können Toleranzen bei der Farbtemperatur auftreten. Nähere Erläuterung dazu finden Sie auf Seite 476.

In case of IP67 products, tolerances in the color temperature can occur. For further explanation, please see page 476.

Bestellnummer Order code

flex type	variant	color rendering	color temperature	length	ingress protection
Ihre Bestellnummer Your order code	VarioLED Flex HYDRA	LD__	W__	__	IP67
Bestellnummer Beispiel Order code example	VarioLED Flex HYDRA	LD5	W9	27	7519 IP67

Zubehör Accessories

erforderlich required



Konverter
Power supply unit
z.B. z.
Art.-# 16000154



Buchse
Terminal connector
z.B. z.
Art.-# 15000142

optional optional



Steuerprotokoll
Power control system
z.B. z.
Art.-# 17000037



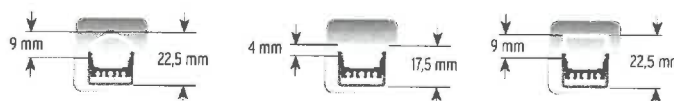
3M Klebeband
3M Adhesive tape
Art.-# 18200035



Transparenter Montageclip
Transparent mounting clip
Art.-# 13000015

Details siehe Seite 338 ff. Details on page 338 ff.

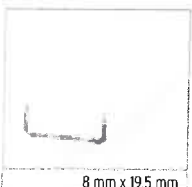
VarioContour 002



11 mm x 19,5 mm

Bezeichnung Description	VarioContour 002 Base Profile
Artikelnummer Art.-No.	10000300
Einheit Unit	meter (m)
Min. VPE Min. CO	30

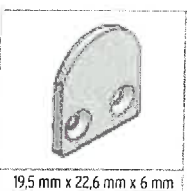
Al Profil mit Haltenut für Abdeckungen (L x H x B) 2.000 mm x 11 mm x 19,5 mm
Aluminum profile with groove for various covers (L x H x W) 2.000 mm x 11 mm x 19,5 mm



8 mm x 19,5 mm

Bezeichnung Description	VarioContour 002/004/005 Mounting Profile
Artikelnummer Art.-No.	10000039
Einheit Unit	meter (m)
Min. VPE Min. CO	30

Al Montageprofil für VarioContour 002/004/005/013/016 (L x H x B) 2.000 mm x 8 mm x 19,5 mm
Aluminum mounting profile for VarioContour 002/004/005/013/016 (L x H x W) 2.000 mm x 8 mm x 19,5 mm



19,5 mm x 22,6 mm x 6 mm

Bezeichnung Description	VarioCap 002 clear R (Set of 2)
Artikelnummer Art.-No.	11000112
Einheit Unit	Set/set (pu)
Min. VPE Min. CO	10

Endkappen für VarioContour 002 inkl. Befestigungsschrauben
End Caps for VarioContour 002 incl. fixing screws



19,5 mm x 22,3 mm x 6 mm

Bezeichnung Description	VarioCap 002 clear H² (Set of 2)
Artikelnummer Art.-No.	11000113
Einheit Unit	Set/set (pu)
Min. VPE Min. CO	10

Endkappen für VarioContour 002 inkl. Befestigungsschrauben
End Caps for VarioContour 002 incl. fixing screws



19,5 mm x 17,3 mm x 6 mm

Bezeichnung Description	VarioCap 002 clear L² (Set of 2)
Artikelnummer Art.-No.	11000114
Einheit Unit	Set/set (pu)
Min. VPE Min. CO	10

Endkappen für VarioContour 002 inkl. Befestigungsschrauben
End Caps for VarioContour 002 incl. fixing screws



90 mm x 8 mm x 19,5 mm

Bezeichnung Description	VarioClip 002/004/005 90 mm
Artikelnummer Art.-No.	10000040
Einheit Unit	Stück/piece (pc)
Min. VPE Min. CO	10

Al Halteklammer für VarioContour 002/004/005/013/016 (L x H x B) 90 mm x 8 mm x 19,5 mm
Aluminum mounting clip for VarioContour 002/004/005/013/016 (L x H x W) 90 mm x 8 mm x 19,5 mm



8 mm x 19,4 mm x 29,7 mm

Bezeichnung Description	VarioClip 002/004/005 Plastic*
Artikelnummer Art.-No.	13000032
Einheit Unit	Stück/piece (pc)
Min. VPE Min. CO	10

Halteklammer aus Kunststoff für VarioContour 002/004/005 (L x H x B) 8 mm x 19,4 mm x 29,7 mm
Plastic mounting clip for VarioContour 002/004/005 (L x H x W) 8 mm x 19,4 mm x 29,7 mm



PARADOX 4

4" Architectural In-Grade
LED (Line Voltage)

CATALOG
NUMBER

NOTES

TYPE

Specifications

L:	5"
	127 mm
W:	4"
	102 mm
H:	8"
	203 mm



Suitable For Wet Locations



DESCRIPTION

Hydrel's PDX4 Paradox Series sealed ingrade luminaire is a multi-purpose unit designed for up lighting architectural and landscape features. These luminaires can be flush mounted into a variety of substrates including concrete, tile, mulch and decking.

The PDX4 is IC rated up to 35 watts for wood or insulation applications

ORDERING INFORMATION

EXAMPLE: PDX4 B 9LED WHT30K MVOLT SP FLC 12S TKO

Model*	Material*	LED Array*	LED Color*	Voltage*	Distribution*				
PDX4	SS	Stainless Steel	9LED	WHT53K	Cool White	120 ^{1,2}	SP	Spot	
	BSS	Brushed Stainless Steel		WHT41K	Neutral White	MVOLT ²	MFL	Medium Flood	
	B	Bronze		WHT30K	Warm White				
				AMB	Amber				
				BLU	Blue				
				GRN	Green				
				RED	Red				
Lens*	Conduit Entries*	Internal Tilt Kit	Options	Listing					
FLC	Flat Lens Clear	12S	Two 1/2" NPT Side (Standard)	TKO	Tilt Kit Optic	IDIM	In-line dimming	IEC*	International
FLCAS	Flat Lens Clear, Anti-Slip	12B	Two 1/2" NPT Bottom (will include side entries as well)				120 volt only		Electrotechnical
FLCSR ³	Flat Lens Frosted, Slip Resistant	20S*	Two M20X 1,5 Side (Standard with IEC)						Commission
		20B*	Two M20X 1,5 Bottom (will include side entries as well)						



*Required Categories

Notes:

- 1 120 Volt power supply is magnetic and dimmable using standard incandescent dimming controls when ordered with IDIM option.
- 2 MVOLT = 120 277 electronic power supply, non-dimmable.
- 3 Meets ADA requirements for coefficient of friction.
- 4 Only for use in 50HZ applications.

NOTE: Hydrel Reserves The Right To Modify Specification Without Notice. Any dimens on this sheet is to be assumed as a reference dimension; "Used for information purposes only. It does not govern manufacturing or inspection requirements." (ANSI Y14.5-1973)



9144 Deering Avenue, Second Floor • Chatsworth, CA 91311 • www.hydrel.com
Phone: 866.533.9901 • Fax: 866.533.5291

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09/03/15
PDX4_LED_LINEVOLTAGE



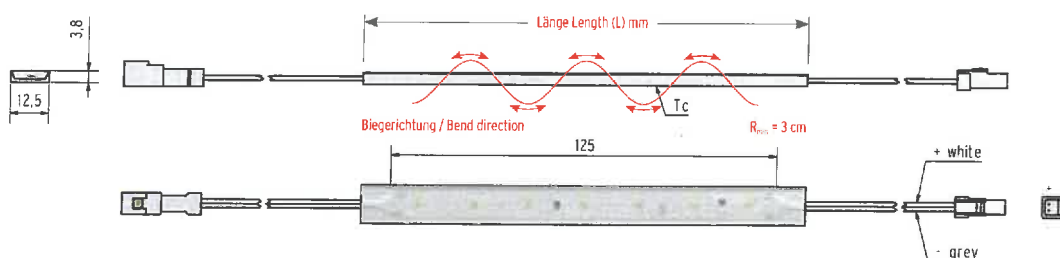
VarioLED™ Flex HYDRA LD White IP67



Wasser- und UV-geschützte flexible lineare LED Leuchte in bis zu 7,5 m Länge im Polyurethanverguss mit weißem Boden und mit 200 mm IP67 Mini Steckverbinder an beiden Enden.

Water & UV resistant flexible linear LED luminaire in up to 7.5 m length in polyurethane encapsulation with white casing and with 200 mm IP67 mini connectors on both ends.

Abmessungen & verfügbare Längen Dimensions & available lengths



$L = N \times 125 + 19$; $L_{tot} = 1 \times 125 + 19 = 144$ mm; $LD5 \triangle L_{tot} = 7.5/9$ mm; $LD10 \triangle L_{tot} = 5.0/9$ mm; $LD15 \triangle L_{tot} = 4.0/9$ mm
($LD5 \triangle N = 1... 60$, $LD10 \triangle N = 1... 40$, $LD15 \triangle N = 1... 32$)

Tc-Punkt: Gesamte Rückseite des vergossenen LED Bands
Tc-point: entire encapsulated PCB-board resp. side

Elektrische & Optische Betriebsdaten Electrical & output data

Farbtemperatur Color temperature*		LD5			LD10			LD15		
		lumen/meter (lm/m) [†]								
● W820	2500 K			340			680			1090
● W822	2900 K			390			780			1250
● W825	3300 K			450			890			1430
● W827	W927 3800 K			400			950			1510
● W830	W930 4300 K			400			1000			1600
● W835	W935 5100 K			420			1050			1690
● W840	W940 6100 K			430			1080			1720
● W850	9600 K			590			1180			1880

*Die angegebenen Daten sind typische Werte. Aufgrund von Produktionstoleranzen und der Toleranzen der elektrischen Bauteile können die Werte der elektrischen Leistung und des Lichtstroms um bis zu 10% nach oben oder unten abweichen.

[†]Bei IP67 Produkten können Toleranzen bei der Farbtemperatur auftreten. Nähere Erläuterung dazu finden Sie auf Seite 476.

*The given data are typical values. Due to tolerances of the production process and the electrical components values for light output and electrical power can vary up to 10%.

[†]In case of IP67 products, tolerances in the color temperature can occur. For further explanation, please see page 476.

Es gelten die selben Daten wie für VarioLED™ Flex HYDRA LD mit folgenden Ausnahmen: 30% Lichtverlust und Farbverschiebung im Vergleich zum nicht vergossenen LED Strip.
Same data as for VarioLED™ Flex HYDRA LD apply, except: 30% light loss and color shift compared to non encapsulated LED strip

Bitte sprechen Sie uns an für kundenspezifische Anpassungen, wie z. B. Kabellängen und Stecker.

Please ask for custom specific adaptations like cable length and plugs.

Bestellnummer Order code

	Flex type	LED type	Color rendering	Color temperature	Length	Ingress protection
Ihre Bestellnummer Your order code	VarioLED Flex HYDRA	LD	W			IP67
Bestellnummer Beispiel Order code example	VarioLED Flex HYDRA	LD5	W9	27	7519	IP67

Zubehör Accessories

erforderlich required

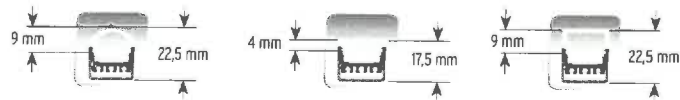


optional optional



Details siehe Seite 338 ff. Details on page 338 ff.

VarioContour 002



11 mm x 19,5 mm

Bezeichnung Description	VarioContour 002 Base Profile
Artikelnummer Art.-No.	10000300
Einheit Unit	meter (m)
Min. VPE Min. OQ	30

Al Profil mit Haltenut für Abdeckungen (L x H x B) 2.000 mm x 11 mm x 19,5 mm
Aluminium profile with groove for various covers (L x H x W) 2.000 mm x 11 mm x 19,5 mm



8 mm x 19,5 mm

Bezeichnung Description	VarioContour 002/004/005 Mounting Profile
Artikelnummer Art.-No.	10000039
Einheit Unit	meter (m)
Min. VPE Min. OQ	30

Al Montageprofil für VarioContour 002/004/005/013/016 (L x H x B) 2.000 mm x 8 mm x 19,5 mm
Aluminium mounting profile for VarioContour 002/004/005/013/016 (L x H x W) 2.000 mm x 8 mm x 19,5 mm



19,5 mm x 22,6 mm x 6 mm

Bezeichnung Description	VarioCap 002 clear R (Set of 2)
Artikelnummer Art.-No.	11000112
Einheit Unit	Set/set (pu)
Min. VPE Min. OQ	10

Endkappen für VarioContour 002 inkl. Befestigungsschrauben
End Caps for VarioContour 002 incl. fixing screws



19,5 mm x 22,3 mm x 6 mm

Bezeichnung Description	VarioCap 002 clear H² (Set of 2)
Artikelnummer Art.-No.	11000113
Einheit Unit	Set/set (pu)
Min. VPE Min. OQ	10

Endkappen für VarioContour 002 inkl. Befestigungsschrauben
End Caps for VarioContour 002 incl. fixing screws



19,5 mm x 17,3 mm x 6 mm

Bezeichnung Description	VarioCap 002 clear L² (Set of 2)
Artikelnummer Art.-No.	11000114
Einheit Unit	Set/set (pu)
Min. VPE Min. OQ	10

Endkappen für VarioContour 002 inkl. Befestigungsschrauben
End Caps for VarioContour 002 incl. fixing screws



90 mm x 8 mm x 19,5 mm

Bezeichnung Description	VarioClip 002/004/005 90 mm
Artikelnummer Art.-No.	10000040
Einheit Unit	Stück/piece (pc)
Min. VPE Min. OQ	10

Al Halteklammer für VarioContour 002/004/005/013/016 (L x H x B) 90 mm x 8 mm x 19,5 mm
Aluminium mounting clip for VarioContour 002/004/005/013/016 (L x H x W) 90 mm x 8 mm x 19,5 mm



8 mm x 19,4 mm x 29,7 mm

Bezeichnung Description	VarioClip 002/004/005 Plastic*
Artikelnummer Art.-No.	13000032
Einheit Unit	Stück/piece (pc)
Min. VPE Min. OQ	10

Halteklammer aus Kunststoff für VarioContour 002/004/005 (L x H x B) 8 mm x 19,4 mm x 29,7 mm
Plastic mounting clip for VarioContour 002/004/005 (L x H x W) 8 mm x 19,4 mm x 29,7 mm



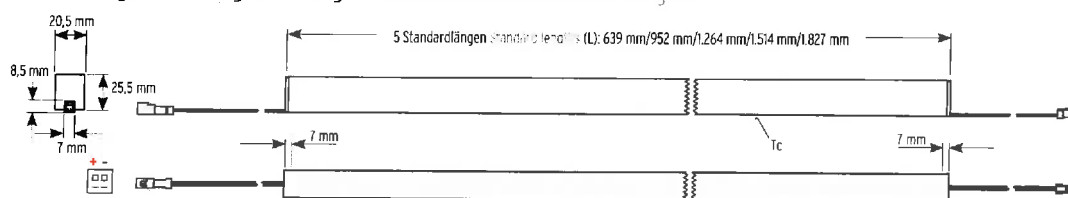
ADONIS HYDRA White IP67



24 V, lichtstarke, IP67 geschützte und IK10 zertifizierte, lineare LED-Leuchte mit kleinem Formfaktor und opalem Verguss mit homogenem Lichtaustritt. „One Bin Only“ innerhalb 3 MacAdam garantiert konstante Farbtemperatur und höchste Lichtqualität bei einer Lebensdauer von > 60.000 h (L80/B10). Sie ist IP67 geschützt gegen Wasser, Salzwasser, Lösungsmittel und UV-Strahlung durch einen opalen Polyurethanverguss. Weiterhin ist sie IK10 zertifiziert und daher besonders robust gegen äußere Krafteinwirkung. Sie ist in 5 Standardlängen erhältlich und wird steckerfertig mit einem IP67 Mini-Stecker geliefert. Made in Germany.

24 V, light-intensive, IP67 protected and IK10 certified, linear LED luminaire with small form factor and opal encapsulation with a homogeneous light emission. „One Bin Only“ within 3 MacAdam guarantees constant color temperature and high light quality with a lifetime of > 60,000 hrs (L80/B10). It is IP67 protected against water, salt water, solvents and UV radiation by an opal polyurethane encapsulation. Furthermore, it is IK10 certified and therefore particularly robust against environmental impacts. It is available in 5 standard lengths and is supplied ready to plug in with a IP67 mini-connector. Made in Germany.

Abmessungen & verfügbare Längen Dimensions & available lengths



Opal vergossene LED Lichtlinie
Opal encapsulated LED light line

Tc-Punkt (Gehäuse Temp.) auf der Rückseite des Moduls
Tc point (Case Temp.) on the rear side of the module

Oberfläche: Weiße Pulverbeschichtung
Finish: White powder coated

Kabellänge ca. 180 mm
Cable length approx. 180 mm

Elektrische & Optische Betriebsdaten Electrical & output data

Spannung Voltage	24 Volt (23 V _{min} , 25 V _{max})			
Temperatur Temperature ²	T _{Cmin} = -25°C, T _{Cmax} (untere Tabelle Table below)			
Lagertemperatur Storage temperature	T _{Smin} = -30°C, T _{Smax} = 85°C			
Außentemperatur Ambient temperature	T _{Amin} = -25°C, T _{Amax} = 40°C			
Ra CRI	bis zu up to 85			
R9	bis zu up to 25			

ADONIS HYDRA	HD6	HD10	HD15	HD25
Leistung Power (W/m) ³	6	10	15	25
Effizienz Efficiency (lm/W) ³	62	62	67	65
max. serielle Lauflänge bei einer Einspeisung max. serial run length (mm)	5000	5000	4000	3000
Temp. Tc-Punkt Temp. Tc-point (T _{Cmax}) ²	70°C	70°C	70°C	75°C

Farbtemperatur Color temperature ¹		HYDRA HD6	HYDRA HD10	HYDRA HD15	HYDRA HD25
		lumen/meter (lm/m) ³			
W820	2400 K	220	360	580	940
W822	2700 K	250	410	660	1070
W825	3000 K	280	470	750	1230
W827	W927 3500 K 3400 K	250	420	800	1300
W830	W930 3900 K 3800 K	260	430	850	1380
W835	W935 4600 K 4400 K	260	440	890	1450
W840	W940 5500 K 5600 K	270	450	910	1480
W850	7200 K	370	620	1000	1620

¹ Die angegebenen Daten sind typische Werte. Aufgrund von Produktionstoleranzen und der Toleranzen der elektrischen Bauteile können die Werte der elektrischen Leistung und des Lichtstroms um bis zu 10% nach oben oder unten abweichen.

² Der Tc-Punkt sollte im thermisch eingewungenen Zustand gemäß EN 60598-1 gemessen werden.

³ Bei IP67 Produkten können Abweichungen bei den Farbtemperaturen auftreten. Weitere Erläuterungen finden Sie auf Seite 476.

LED Linear* GmbH

The given data are typical values. Due to tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.

The Tc point should be measured in thermal equilibrium according to IEC 60598-1.

In case of IP67 products, deviations in the color temperature can occur. For further explanations please see page 476.

Sicherheits- und Montagehinweise siehe Seite 410 ff. Safety and assembly information please see page 412 ff.

ONE BIN ONLY

Lebensdauer:
Lifetime:
L80/B10
> 60.000 h

LM 79 konform
LM 79 compliant

LM 80 konform
LM 80 compliant

UV geschützt
UV protected

Lösungsmittel geschützt
Solvent resistant

Salzwasser geschützt
Saltwater resistant

Schutz beim Einleuchten
Protection during commissioning

Stoßfestigkeit
Impact resistant



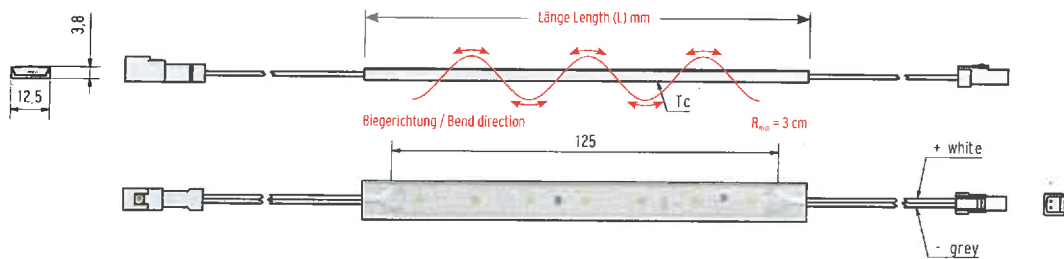
VarioLED™ Flex HYDRA LD White IP67



Wasser- und UV-geschützte flexible lineare LED Leuchte in bis zu 7,5 m Länge im Polyurethanverguss mit weißem Boden und mit 200 mm IP67 Mini Steckverbinder an beiden Enden.

Water & UV resistant flexible linear LED luminaire in up to 7.5 m length in polyurethane encapsulation with white casing and with 200 mm IP67 mini connectors on both ends.

Abmessungen & verfügbare Längen Dimensions & available lengths



$L = N \times 125 + 19$; $L_{min} = 1 \times 125 + 19 = 144 \text{ mm}$; $LD5 \triangle L_{typ} = 7.519 \text{ mm}$; $LD10 \triangle L_{max} = 5.019 \text{ mm}$; $LD15 \triangle L_{typ} = 4.019 \text{ mm}$
($LD5 \triangle N = 1...60$, $LD10 \triangle N = 1...40$, $LD15 \triangle N = 1...32$)

Tc-Punkt: Gesamte Rückseite des vergossenen LED Bands
Tc-point: Entire encapsulated flexboard rear side

Elektrische & Optische Betriebsdaten Electrical & output data

Farbtemperatur Color temperature ¹		LD5	LD10	LD15
		lumen/meter (lm/m)		
● W820	2500 K	340	680	1090
● W822	2900 K	390	780	1250
● W825	3300 K	450	890	1430
● W827	W927 3800 K 3600 K	400	950	1510
● W830	W930 4300 K 4300 K	400	1000	1600
● W835	W935 5100 K 4900 K	420	1050	1690
● W840	W940 6100 K 6600 K	430	1080	1720
● W850	9600 K	590	1180	1880

Es gelten die selben Daten wie für VarioLED™ Flex HYDRA LD mit folgenden Ausnahmen: 30% Lichtverlust und Farbverschiebung im Vergleich zum nicht vergossenen LED Strip.
Same data as for VarioLED™ Flex HYDRA LD apply except 30% light loss and color shift compared to non encapsulated LED strip.

Bitte sprechen Sie uns an für kundenspezifische Anpassungen, wie z. B. Kabellängen und Stecker.

Please ask for custom specific adaptations like cable length and plugs

¹ Die angegebenen Daten sind typische Werte. Aufgrund von Produktionstoleranzen und der Toleranzen der elektrischen Bauteile können die Werte der elektrischen Leistung und des Lichtstroms um bis zu 10% nach oben oder unten abweichen.

The given data are typical values. Due to tolerances of the production process and the electrical components, values for light output and electrical power can vary up to 10%.

² Bei IP67 Produkten können Toleranzen bei der Farbtemperatur auftreten. Nähere Erläuterung dazu finden Sie auf Seite 476.

In case of IP67 products, tolerances in the color temperature may occur. For further explanation, please see page 476.

Bestellnummer Order code

	Flex-type	Variant	Color rendering	Color temperature	Length	IP protection
Ihre Bestellnummer Your order code	VarioLED Flex HYDRA	LD	W			IP67
Bestellnummer Beispiel Order code example	VarioLED Flex HYDRA	LD5	W9	27	7519	IP67

Zubehör Accessories

erforderlich required

optional optional

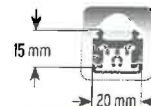


Details siehe Seite 338 ff. Details on page 338 ff.

372

VarioContour 016

NEW



Bezeichnung Description	VarioContour 016 Silver
Artikelnummer Art.-No.	10000513
Einheit Unit	meter (m)
Min. VPE Min. OQ	30 m

Silber eloxiertes Aluminiumprofil (15 mm x 20 mm x 4.000 mm), ersetzt das alte Profil VarioContour 006
Silver anodized aluminum profile (15 mm x 20 mm x 4.000 mm) replaces the old VarioContour 006

NEW



Bezeichnung Description	VarioCap 016
Artikelnummer Art.-No.	11000168
Einheit Unit	Set/set (pu) (VarioCap and 2 screws)
Min. VPE Min. OQ	10

Endkappe aus Aluminium für Contour 016 mit runder Abdeckung oder Linearlinse, im Set sind 2 Schrauben zur Befestigung enthalten
Aluminum end cap for Contour 016 with round cover or linear lens, set contains 2 screws for fixing the end cap

NEW



Bezeichnung Description	VarioCap 016 with cable release
Artikelnummer Art.-No.	11000170
Einheit Unit	Set/set (pu) (VarioCap and 2 screws)
Min. VPE Min. OQ	10

Endkappe mit Kabelführung aus Aluminium für Contour 016 mit runder Abdeckung oder Linearlinse, im Set sind 2 Schrauben zur Befestigung enthalten

Aluminum end cap with cable release for Contour 016 with round cover or linear lens, set contains 2 screws for fixing the end cap



Bezeichnung Description	VarioContour 002/004/005 Mounting Profile
Artikelnummer Art.-No.	10000039
Einheit Unit	meter (m)
Min. VPE Min. OQ	30

Al Montageprofil für VarioContour 002/004/005/013/016 (L x H x B) 2.000 mm x 8 mm x 19,5 mm

Aluminum mounting profile for VarioContour 002/004/005/013/016 (L x H x W) 2.000 mm x 8 mm x 19,5 mm



Bezeichnung Description	VarioClip 002/004/005 90 mm
Artikelnummer Art.-No.	10000040
Einheit Unit	Stück/piece (pc)
Min. VPE Min. OQ	10

Al Halteklammer für VarioContour 002/004/005/013/016 (L x H x B) 90 mm x 8 mm x 19,5 mm

Aluminum mounting clip for VarioContour 002/004/005/013/016 (L x H x W) 90 mm x 8 mm x 19,5 mm



Bezeichnung Description	VarioClip 002/004/005 Plastic*
Artikelnummer Art.-No.	13000032
Einheit Unit	Stück/piece (pc)
Min. VPE Min. OQ	10

Halteklammer aus Kunststoff für VarioContour 002/004/005/013/016 (L x H x B) 8 mm x 19,4 mm x 29,7 mm

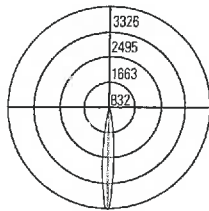
Plastic mounting clip for VarioContour 002/004/005/013/016 (L x H x W) 8 mm x 19,4 mm x 29,7 mm

* Keine Verwendung in Verbindung mit Montageprofil

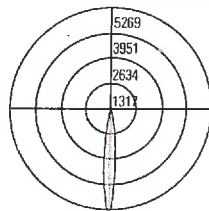
* No use in connection with mounting profile

PHOTOMETRICS

EV3_WG

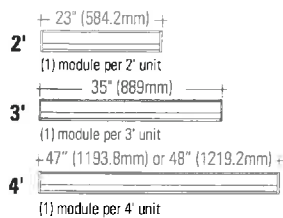


Test #: ILT82935
Part #: EV3WG-40-4'
Lumens per watt: 54
Total Delivered Lumens: 1296

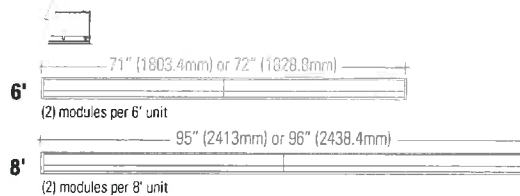


Test #: ILT82934
Part #: EV3WG-40HO-4'
Lumens per watt: 50
Total Delivered Lumens: 2050

• INDIVIDUAL AND CONTINUOUS RUN MODULES¹

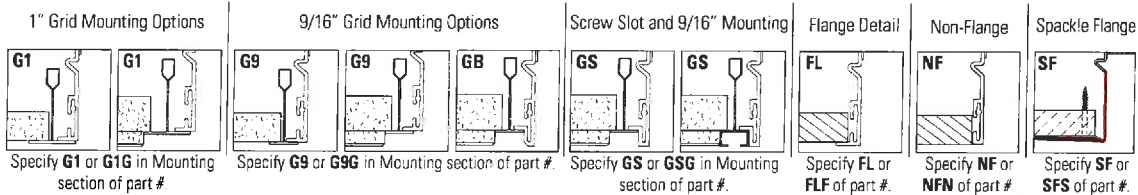


Side View

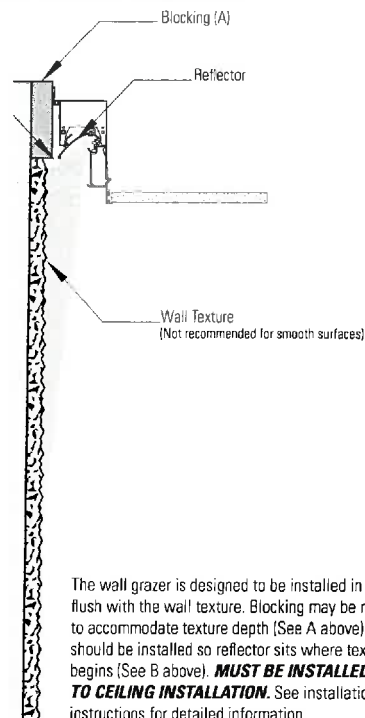


¹Acoustical Grid Ceiling and Inaccessible Ceilings available as individual units or continuous rows. Individual units and rows are available for on-grid installation with acoustical ceilings.

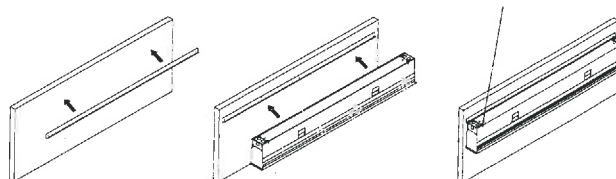
• MOUNTING



• APPLICATION GUIDELINES

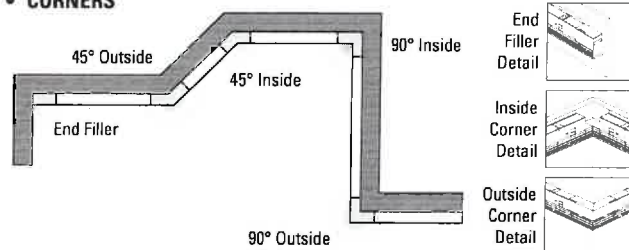


• INSTALLATION



The wall grazer easily installs into any acoustical grid and inaccessible ceiling. Install wall rail onto wall and hook fixture onto rail. Tie off fixture to structure. In some installations, additional blocking may be required to accommodate texture depth. **MUST BE INSTALLED PRIOR TO CEILING INSTALLATION.** See installation instructions for detailed information.

• CORNERS

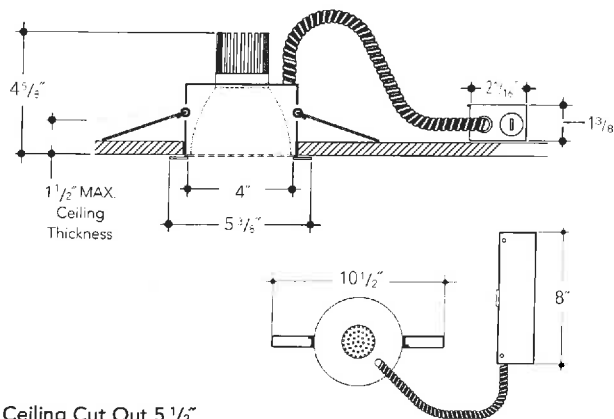


Pinnacle Lighting's wall grazer provides inside and outside corners, and End Fillers for full room perimeter lighting. The 45 degree and 90 degree corners allow for +/- 5 degrees of adjustability to accommodate any wall imperfections. Specify runs to the nearest foot and non-illuminated corners are slid into place to finish the perimeter lighting. Minimum distance for corners is 5-1/2" from the wall, with a max of 12" away from the wall. The End Fillers have a maximum of 6" per end. See installation instructions for detailed information.

Project Name: _____ Type: _____

DIMENSIONS

Downlight for south balconies,
floor 1 only.



Ceiling Cut Out 5 1/2"

FEATURES

Xicato LED Module Systems

The X-Class family of small and medium aperture downlights utilizes the Xicato XTM LED modules which features extreme color consistency initially, and over the life of the product. With optional high CRI, and correspondingly high R9 values, the X-Class from Vantage Lighting provides the highest quality of light at an affordable price point.

Available in 900, 1300 and 2000 lumen outputs with a variety high performance reflectors featuring the highest level of fit and finish. Offering three distribution patterns, the X-Class may be tailored to meet specific lighting requirements. 0-10V dimming driver provided standard with optional DALI dimming drivers provide additional light level control.

Features and Benefits

- Made in USA.
- Multiple Distribution Patterns - Narrow, Medium, Wide.
- 0-10V dimming driver to 10% light output standard. Optional 0-10V dimming to 1%. Optional DALI dimming.
- Standard CRI of 83, Minimum - Optional CRI of 98, Minimum.
- Input volts 120-277V.
- 5 Year Warranty.
- 5 Year Color Consistency Warranty by Xicato.

Housing

Heavy gauge cold roll steel housing, polyester powder coat painted with integral flange and stainless steel torsion retention ears. Fully wired and grounded to the junction box/driver housing. Easily accessible from below ceiling. Superior thermal management with LED array mechanical secured to forged aluminum heat sink, promoting rapid heat transfer and extending LED life.

Optional New Construction Frame (NCF) provide positive location for ease of installation in a variety of ceiling materials. Includes integrated bar hangers which feature rigid form cross sections and include joist position tabs, integral nails, auxiliary nail holes, T-bar slots and holes for locking to grid using self-tapping screws (by others).

Non-IC construction. Insulation must be kept 3" away from luminaire. Listed for damp locations.

REFLECTOR KIT

OPEN - LED - ROUND

LED

4" Aperture

X4060 4" LED Open Round

Distribution Options

*Beam angle is 50% of Center Beam Candle Power.

NW Narrow 20°

MD Medium 40°

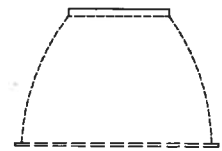
WE Wide 60°

Reflector Finish Options

Reflector standard finish semi-specular clear.

SCL Specular Clear "Alzak"

SGC Semi-Specular Clear



Optional X-Class Round with New Construction Frame



Manufactured and Listed to UL 1598, ETL and CSA standards.
Suitable for Damp Locations. Wet location under covered ceiling.

ORDERING INFORMATION

EXAMPLE: A4VOXLED1-0927K-X4060-SGC-NW-WHT-DDM

Wattage LED	Housing	Voltage	Lumens	Kelvin	Reflector	Finish	Distribution	Flange Color	Options
See Chart Below	A4VOXLED	1	-09 = 900	27K = 2700K	X4060	SCL	NW	WHT	DDM*
		2	-13 = 1300	30K = 3000K		SGC	MD	BLK	DL-3
			-20 = 2000	35K = 3500K			WE		DL-2
				40K = 4000K					EM
									HCR
									NCF
									ZDM

Lumens	Wattage*
900-3k	8
900-4k	7.4
1300-3k	12
1300-4k	11.2
2000-3k	19
2000-4k	18

*Actual Wattage/Lumens may vary.

Voltage
1 - 120 Volts
2 - 277 Volts
3 - 347 Volt -
Please Consult Factory

Distribution
NW - Narrow
MD - Medium
WE - Wide

Flange Color Options
WHT - White
BLK - Black

Options
DDM* - Dali Dimming
*277 Only
DL-3 - Lutron 3-Wire
DL-2 - Lutron 2-Wire
EM - Emergency Battery Pack

HCR - High Color Rendering
NCF - New Construction Frame
ZDM - 0-10V Dimming to 1%

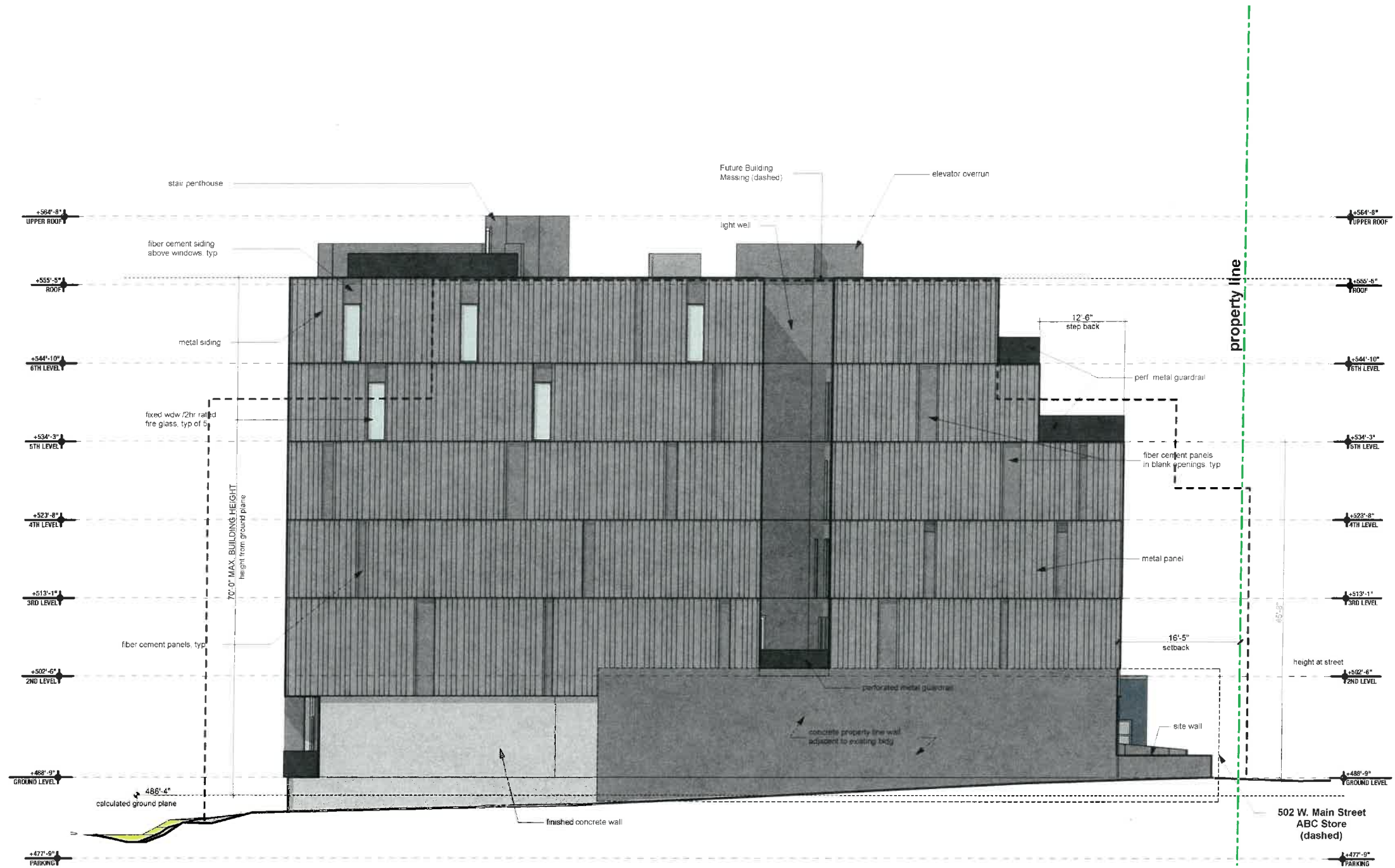
Vantage reserves the right to change components, finishes or design details in any manner which does not alter the installed appearance or reduce performance and intended function.

▲ See Options pages for other options and finishes.

600 West Main Street
Updated Exterior Lighting Package
April 12, 2017



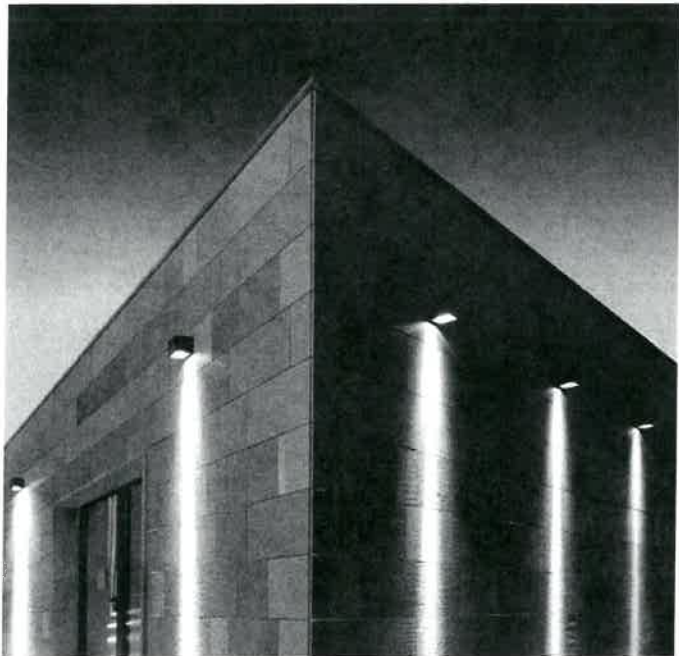
WEST MAIN STREET ELEVATION



EAST ELEVATION



WEST ELEVATION



Entry Portals

RANDY
BURKETT
LIGHTING
DESIGN

609 East Lockwood Ave.
Suite 201
St. Louis, MO 63119
Tel: (314) 961-6650
Fax: (314) 961-7640
www.rbldi.com

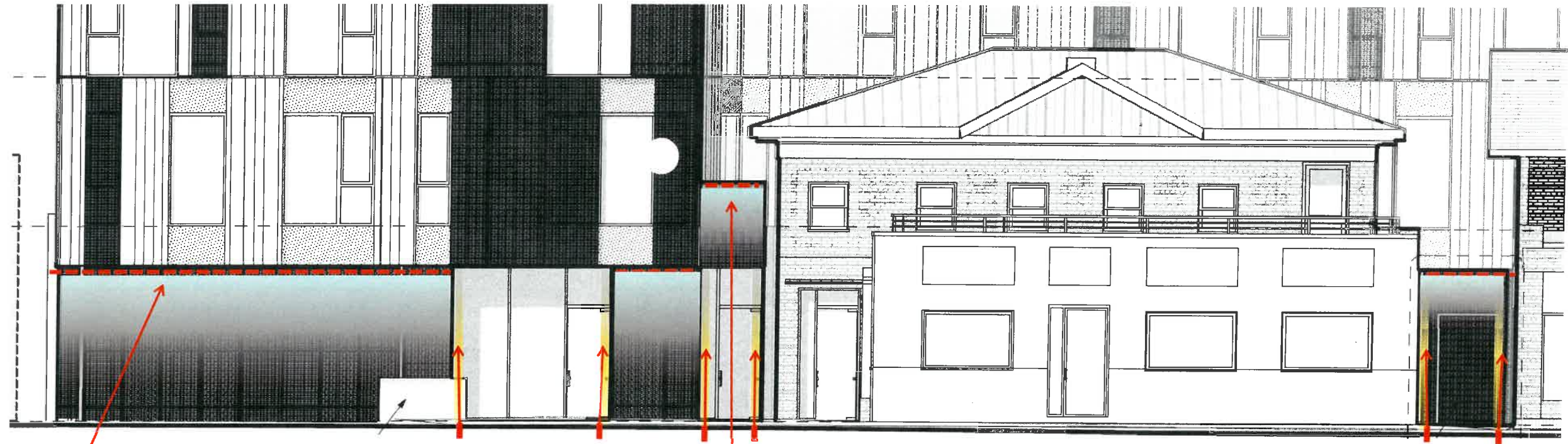
600 West Main Street
Charlottesville, VA



Base Scheme



Base Scheme + Balconies



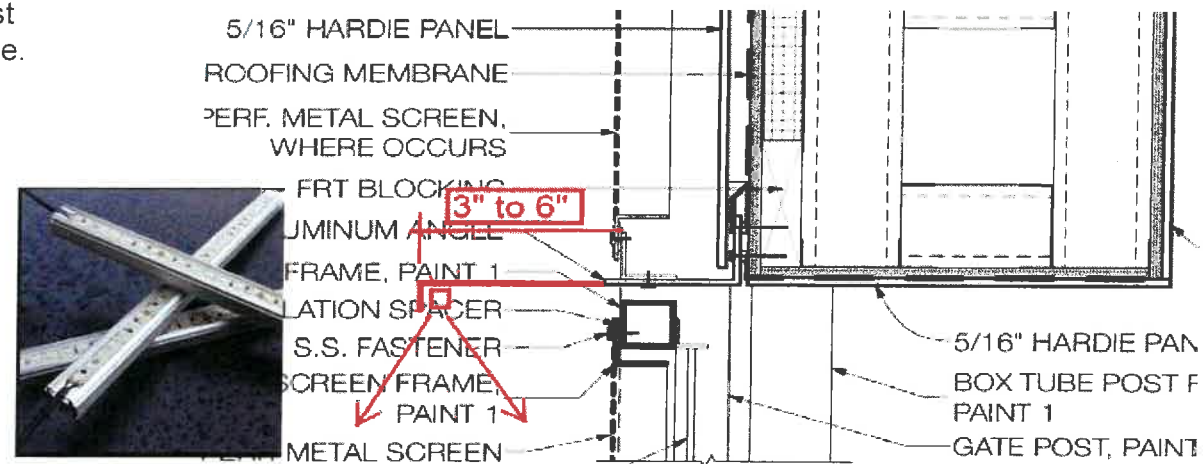
High output surface mounted
linear LED down light at first
floor/second floor break-line.

Low output surface mounted
linear LED down light at perf
panels above entry door and gate.

Linear in-grade uplight
at corten portals.



Main Elevation

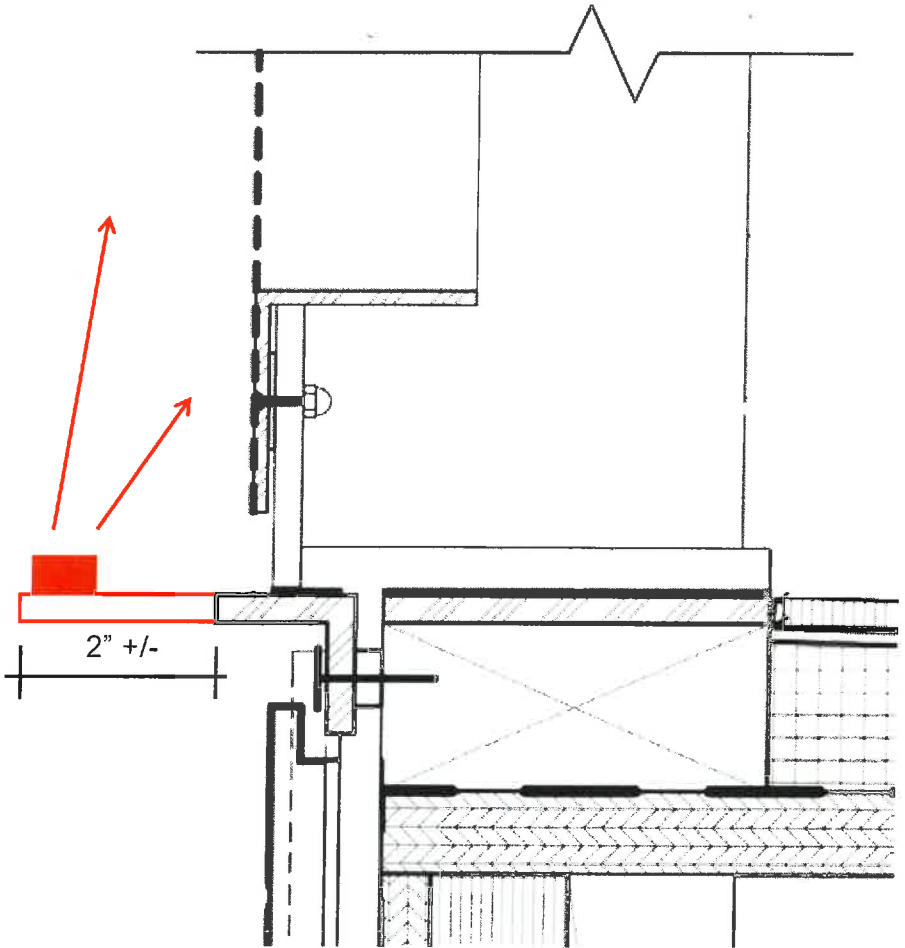


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Channel mounted linear LED strip
continuously at base of perf panel to light
street side face at residential terrace.

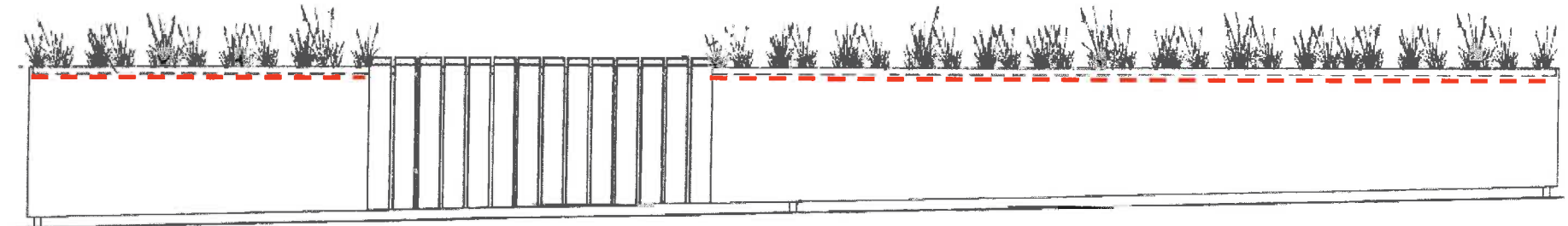


Residential Terrace Lighting

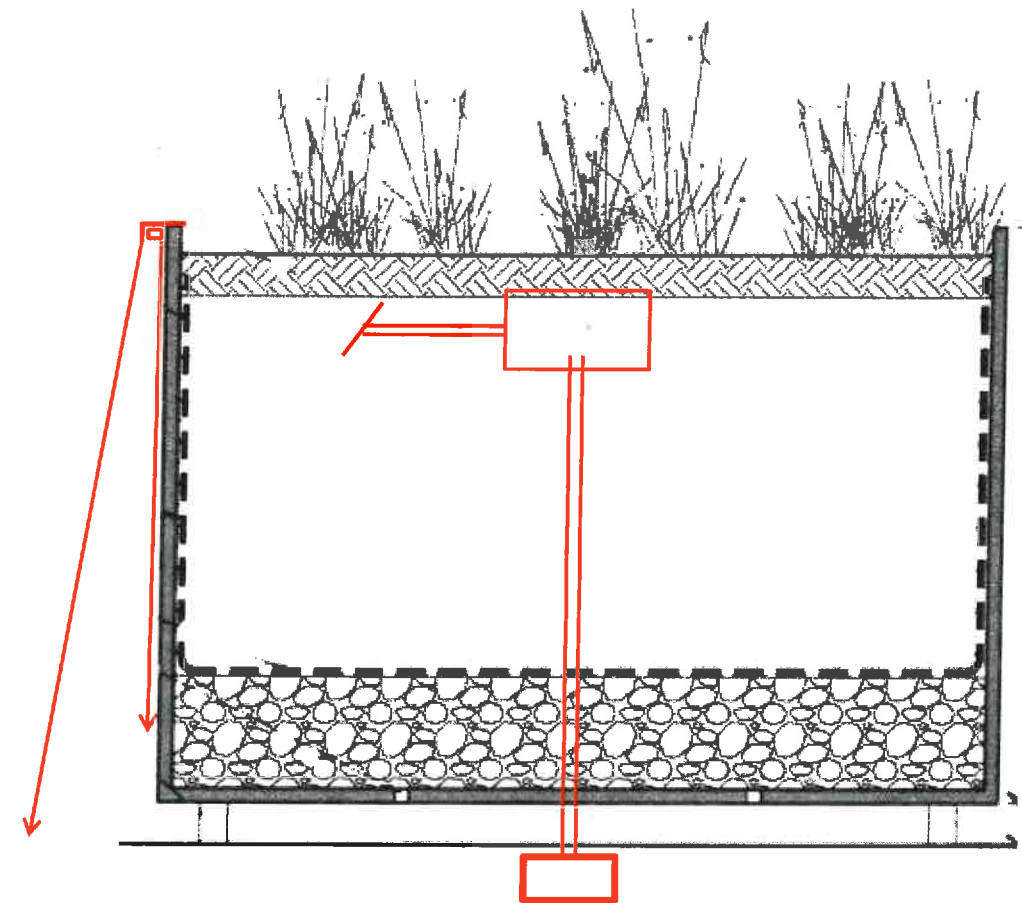
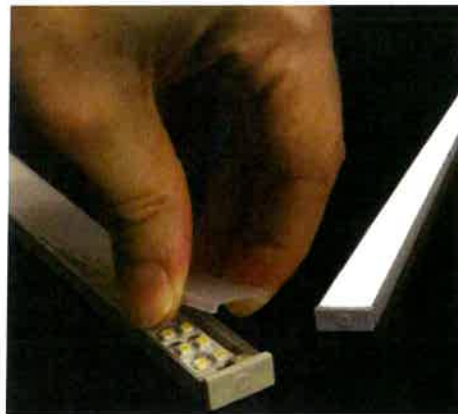
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Integrated linear LED area light at edge of planter



Planters

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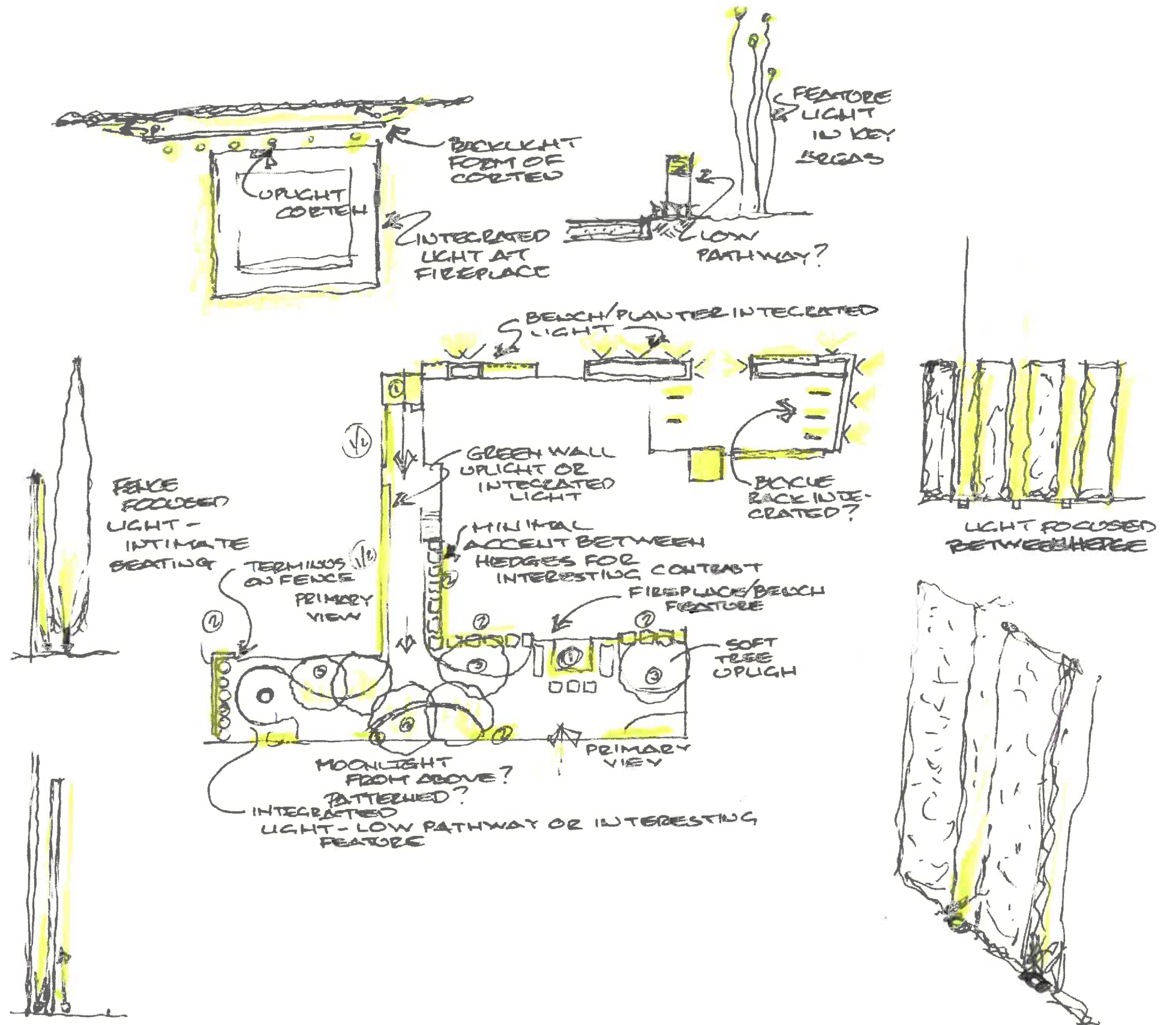
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Courtyard - Imagery

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Courtyard and Courtyard Entry Concepts

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 Fax: (314) 961-7640
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600 West Main Street
 Charlottesville, VA

LED nodes mounted to trellis screen

Low level LED path/accent lights



Grade mounted LED uplight at trees and between vertical hedges



Linear in-grade Uplight at corten entry portal.



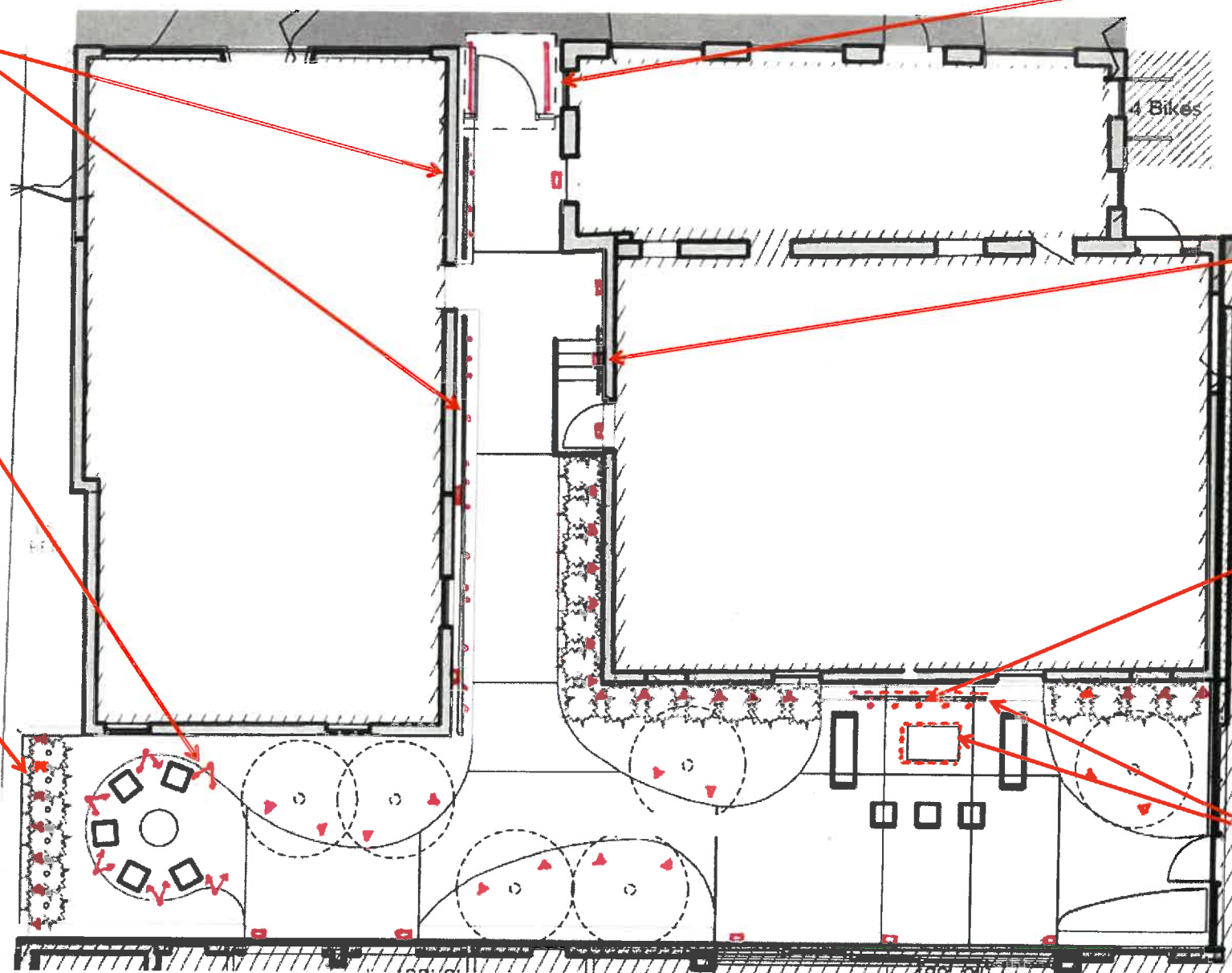
Surface mounted LED emergency area light.



Direct burial LED uplight at base of corten wall.



Linear LED tape-light to provide glow at fire pit perimeter and silhouette behind corten wall.



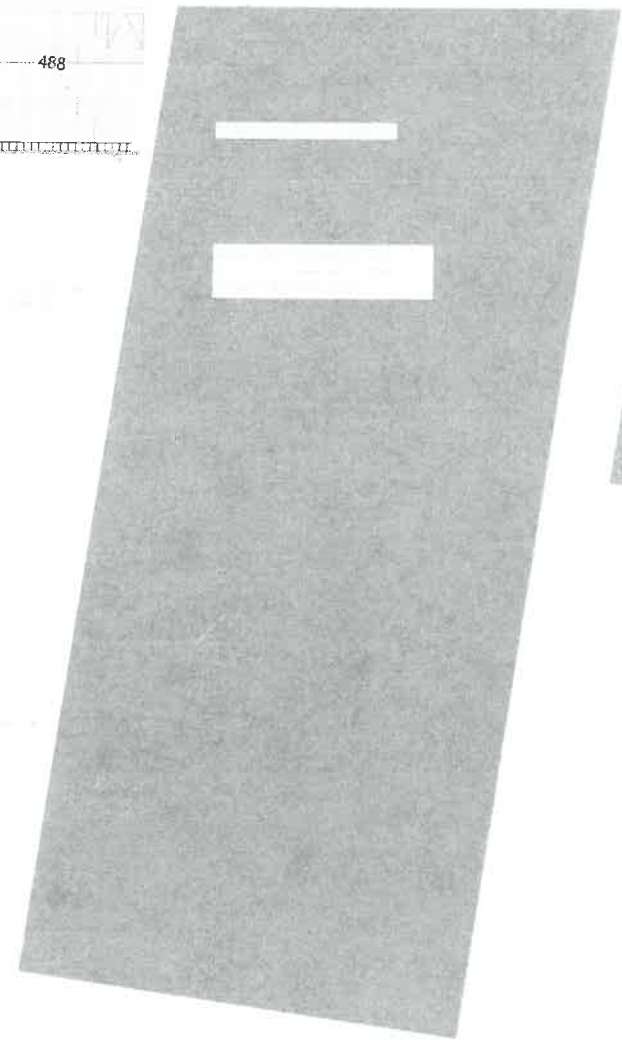
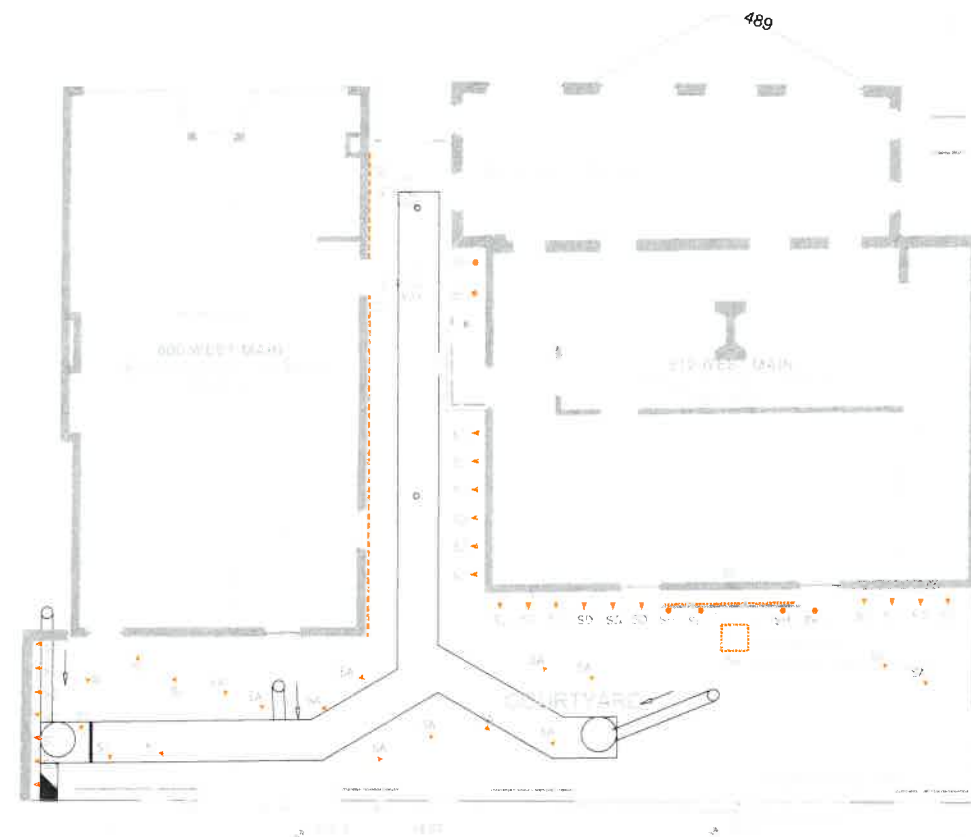
Possible general moonlighting effect from LED fixture mounted to building.

Courtyard

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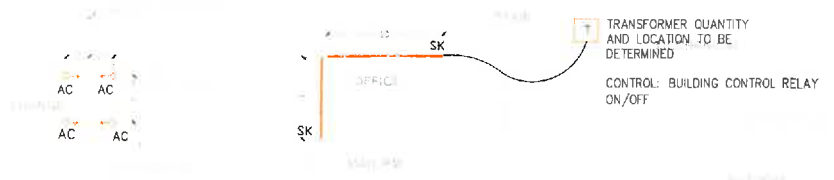
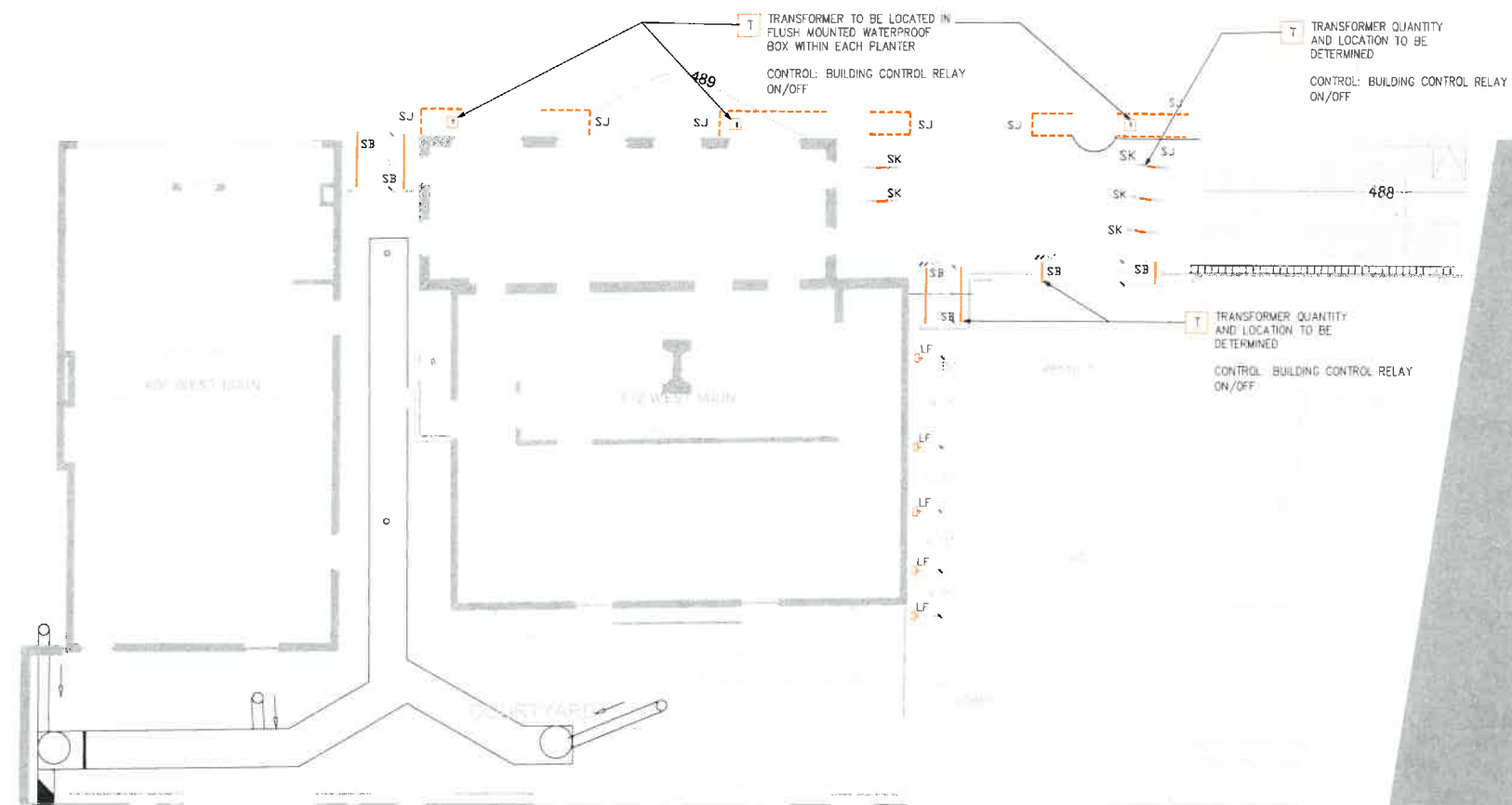


LIGHT FIXTURE
BY ARCHITECT

PROVIDE DIMMER PANEL AND CONTROLS
WITH A MINIMUM OF (4) FOUR PRESET
SCENES BY LUTRON, CRESTRON, LEVITON
OR APPROVED EQUIVALENT.

GROUND LEVEL LIGHTING ZONES

ZONE	ID	DESCRIPTION	LOAD	DIM
E1	SA	ADJUSTABLE ACCENTS	200	ELV
E2	SB	INGRADE LINEAR GRAZER	120	ELV
E3	SD	LED ACCENT	250	ELV
E4	SE	LED ACCENT	250	ELV
E5	SF	LINEAR GRAZER	50	ELV
E6	SG	LINEAR CHANNEL	150	ELV
E7	SH	IN GRADE UPLIGHTS	60	ELV
E8	SJ	LINEAR LED CHANNEL	250	ELV
E9	SK	LINEAR GRAZER	40	ELV



PROVIDE DIMMER PANEL AND CONTROLS WITH A MINIMUM OF (4) FOUR PRESET SCENES BY LUTRON, CRESTRON, LEVITON OR APPROVED EQUIVALENT.

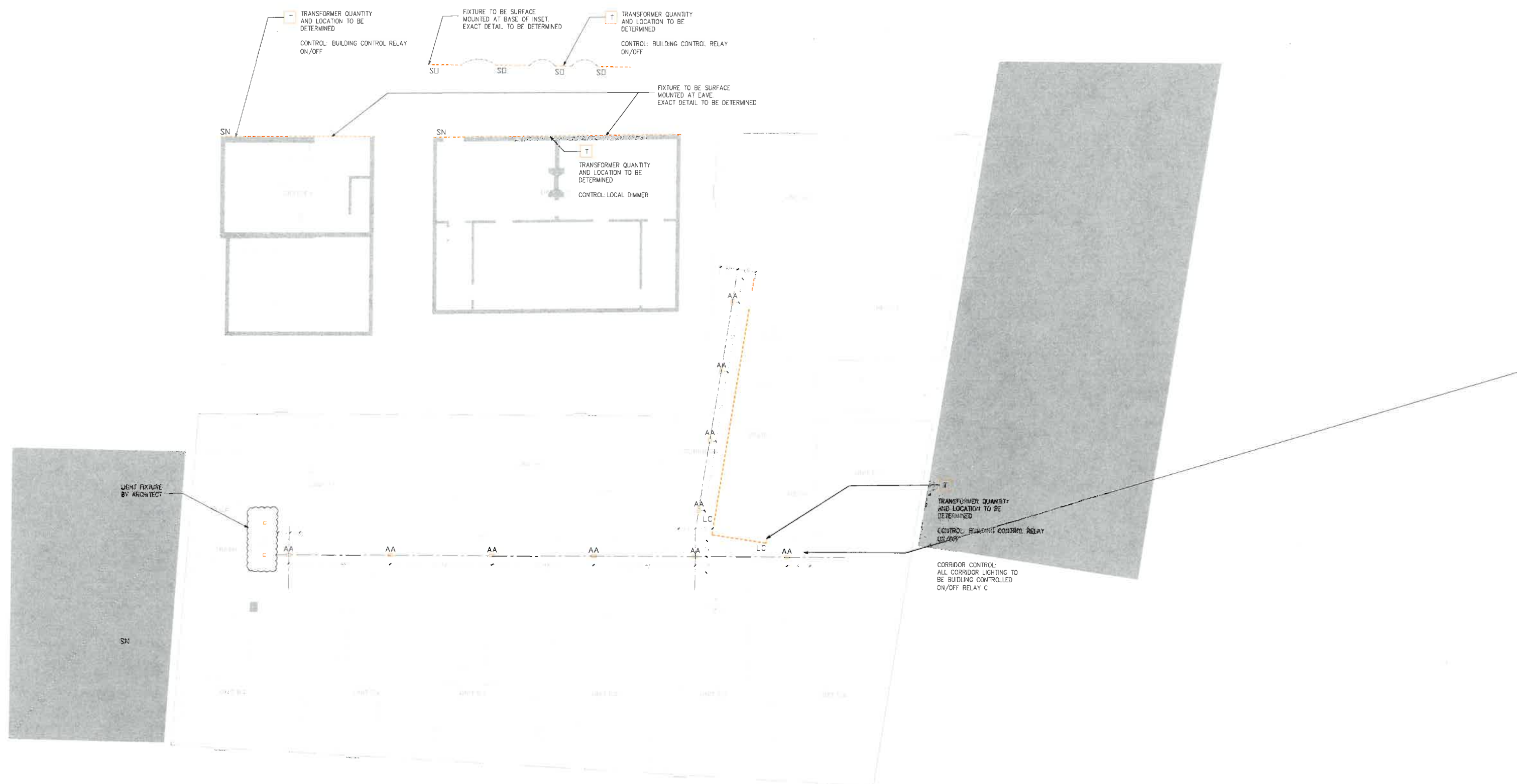
GROUND LEVEL LIGHTING ZONES				
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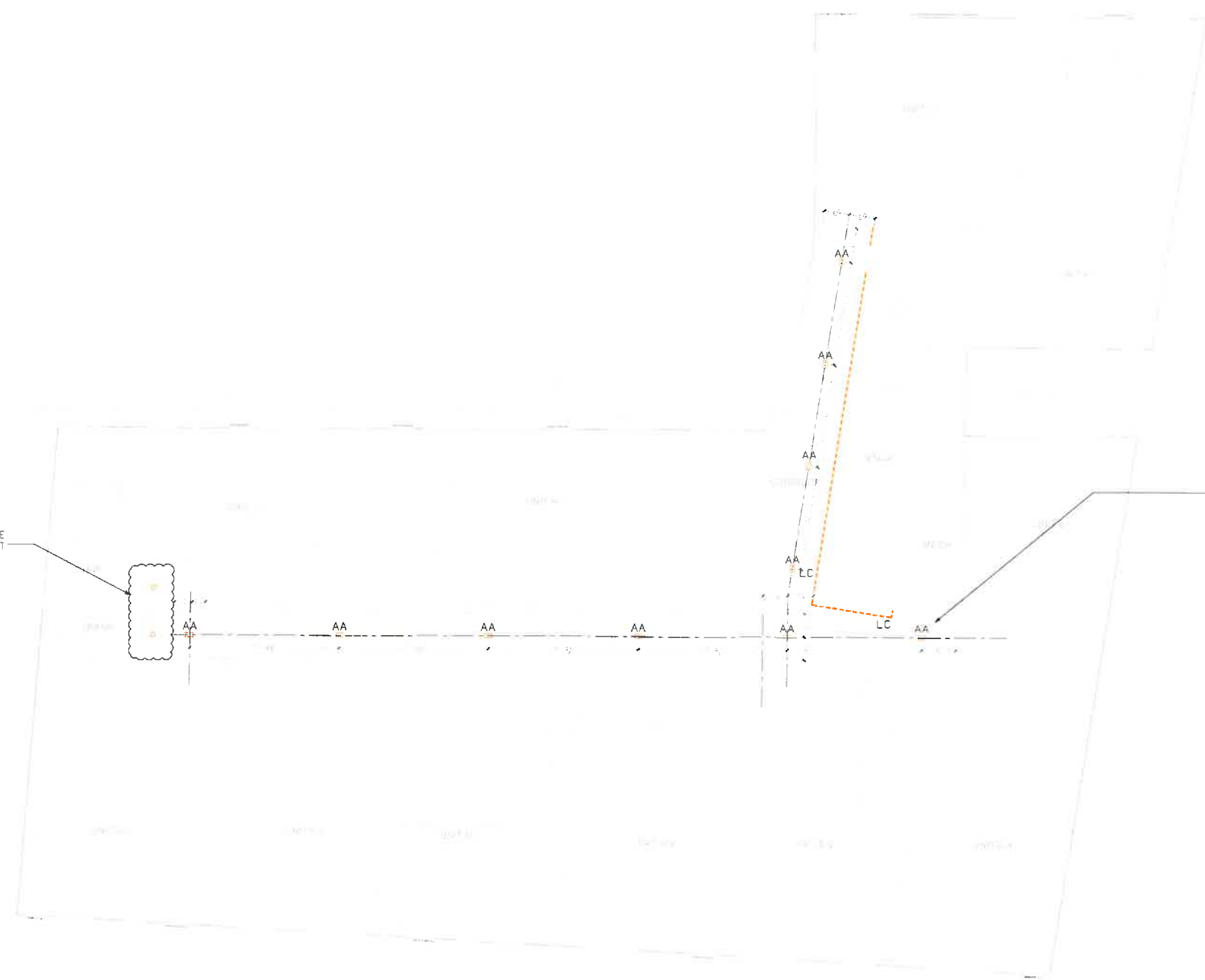
PROVIDE DIMMER PANEL AND CONTROLS
WITH A MINIMUM OF (4) FOUR PRESET
SCENES BY LUTRON, CRESTRON, LEVITON
OR APPROVED EQUIVALENT.

GROUND LEVEL LIGHTING ZONES

ZONE	ID	DESCRIPTION	LOAD	DIM
L1	AC	LOUNGE UPLIGHTS	40	ELV
L2	TA	LIGHTING TRACK	300	ELV
L3	TA	LIGHTING TRACK	300	ELV
L4	LA	LINEAR GRAZER	80	ELV
L5	DA	DOWN LIGHT	40	ELV
L6	LE	LED COVE LIGHT	100	ELV
L7		NOT USED	0	ELV



LIGHT FIXTURE
BY ARCHITECT



CORRIDOR CONTROL
ALL CORRIDOR LIGHTING TO
BE BUILDING CONTROLLED
ON/OFF RELAY C

