EXHIBIT G

PA ROUTE 283 (S.R. 0300)
(Variable Width Right-of-Way)

RAMP Q
RAMP P
HERSHEY ROAD (S.R. 0743)
OLD HERSHEY ROAD (T-749)
BUCKINGHAM BLVD. EXT.
(COLLECTOR ROAD)
MOUNT GRETNA ROAD (S.R. 0241)
BUCKINGHAM BOULEVARD (T-333)
IRONSTONE DRIVE (T-838)

TRACT 1
TRACT 2
TRACT 3
TRACT 4
TRACT 5
TRACT 6
TRACT 8
TRACT 9
TRACT 10
TRACT 11
TRACT 12
TRACT 13
TRACT 14

MU MIXED USE
R-2 MEDIUM DENSITY RES.
MU-MEDIUSE
MOUNT JOY TOWNSHIP
ELIZABETHTOWN BOROUGH
R-3 RESIDENTIAL
R-1 RESIDENTIAL

LUMINAIRE SCHEDULE **REFER TO LIGHTING FIXTURE CUTSHEETS FOR COMPLETE CATALOG NUMBERS**

Symbol	Qty	Arrangement	Fixture Type	Description	Manufacturer	Catalog Number	BUG Rating	Correlated Color Temperature	Light Loss Factor	Total Watts	Delivered Lumens	Mounting Height	Pole Spec	Filename
	10	Single	SHF	AREA LIGHT, TYPE 4F DISTRIBUTION, MOUNTED TO POLE 15FT AFG	BEACON	VN-ST-2-2LL-HSA-ST-MT	B2-U3-G3	3000	0.900	141.22	16872	15	HAPCO RSA15B-64	VN-ST-2-2LL-HSA-ST-MT.ies
	11	Single	SHW	AREA LIGHT, TYPE 4W DISTRIBUTION, MOUNTED TO POLE 15FT AFG	BEACON	VN-ST-1-NSL-HSA-ST-MW	B1-U4-G2	3000	0.900	56.1	9038	15	HAPCO RSA15B-64	VN-ST-1-NSL-HSA-ST-MW.ies
	10	Backback	BWG@180	AREA LIGHT, TYPE 5QW DISTRIBUTION, MOUNTED BACK-TO-BACK TO POLE 15FT AFG	BEACON	(2) VN-ST-1-NSQ-T2-HSA-SN-TA-QW	B4-U4-G3	3000	0.900	282.44	31908	15	HAPCO RSA15B-64	VN-ST-(2)-1-NSQ-T2-HSA-SN-TA-QW.ies
	14	Single	SHW	AREA LIGHT, TYPE 4F DISTRIBUTION, WALL MOUNTED	BEACON	VN-ST-2-2LL-HSA-ST-MT	B2-U3-G3	3000	0.900	141.22	16872	N/A	N/A	VN-ST-2-2LL-HSA-ST-MT.ies
	52	Single	LAF	AREA LIGHT, TYPE 4F DISTRIBUTION, MOUNTED TO POLE 15FT AFG	LSI INDUSTRIES, INC.	WSL-SAL-4F-HSG	B1-U4-G3	3000	0.900	36	4398	15	HAPCO RSA15B-64	WSL-SAL-4F-HSG.ies
	4	Single	LAFA	AREA LIGHT, TYPE 4F DISTRIBUTION, MOUNTED TO TAN/TBC LIGHT POLE	LSI INDUSTRIES, INC.	WSL-SAL-4F-HSG	B1-U4-G3	3000	0.900	36	4398	15	HAPCO RSA15B-64	WSL-SAL-4F-HSG.ies
	35	Single	LAW	AREA LIGHT, TYPE 4W DISTRIBUTION, MOUNTED TO POLE 15FT AFG	LSI INDUSTRIES, INC.	WSL-SAL-4W-HSG	B1-U4-G2	3000	0.900	36	4210	15	HAPCO RSA15B-64	WSL-SAL-4W-HSG.ies
	5	Single	LS	AREA LIGHT, TYPE 5QW DISTRIBUTION, MOUNTED TO POLE 15FT AFG	LSI INDUSTRIES, INC.	WSL-SAL-4QW-HSG	B3-U4-G1	3000	0.900	36	5030	15	HAPCO RSA15B-64	WSL-SAL-4QW-SWS.ies
	6	Backback	LN+@180	AREA LIGHT, TYPE 5QW DISTRIBUTION, MOUNTED BACK-TO-BACK TO POLE 15FT AFG	LSI INDUSTRIES, INC.	(2) WSL-SAL-4QW-HSG	B4-U4-G3	3000	0.900	72	10060	15	HAPCO RSA15B-64	WSL-SAL-4QW-SWS.ies
	10	Single	LC	14 INCH SQUARE SURFACE MOUNTED GAS CANOPY LIGHT	LSI INDUSTRIES, INC.	SCALE-LED-SLGC-00	B3-U4-G1	3000	0.900	192	13999	15	N/A	SCALE-LED-SLGC-00.ies
	53	Single	LWFT	WALLPACK, FORWARD THROW DISTRIBUTION	LSI INDUSTRIES, INC.	WMM4*4.0D40L-00	B2-U3-G2	3000	0.900	47	6290	15	N/A	WMM*4.0D40L-XX.ies
	19	Single	SH4	DECORATIVE POST TOP, ASYMMETRIC DISTRIBUTION, NO LENS, BOTTOM OF LUMINAIRE TENON MOUNTED TO POLE 15FT AFG	EVOLVE (GE)	EPTT1000SBN30	B1-U4-G1	3000K	0.900	30	4000	15	1200 FORT WAYNE SERIES POLE	EPTT1[...]SBN30[...].ies
	22	Single	SS3	SOLANA DECORATIVE POST TOP, TYPE 3 DISTRIBUTION, LIGHT DIFFUSED ACRYLIC HORIZONTAL LENS, BOTTOM OF LUMINAIRE TENON MOUNTED TO POLE 15FT AFG	STERNBERG	PT-45L999-C3_3073440L0144SV1	B1-U4-G1	3000	0.828	45.9	4496	15	9100 LANCASTER SERIES POLE	SL999-C3_44SA144SV1.IES
	17	Single	SS4	SOLANA DECORATIVE POST TOP, TYPE 4 DISTRIBUTION, LIGHT DIFFUSED ACRYLIC HORIZONTAL LENS, BOTTOM OF LUMINAIRE TENON MOUNTED TO POLE 15FT AFG	STERNBERG	PT-45L999-C3_3073440L0144SV1	B1-U4-G1	3000	0.828	45.9	4598	15	9100 LANCASTER SERIES POLE	SL999-C3_44SA144SV1.IES
	16	Single	SS5	SOLANA DECORATIVE POST TOP, TYPE 5 DISTRIBUTION, LIGHT DIFFUSED ACRYLIC HORIZONTAL LENS, BOTTOM OF LUMINAIRE TENON MOUNTED TO POLE 15FT AFG	STERNBERG	PT-45L999-C3_3073440L0144SV1	B2-U3-G1	3000	0.828	45.9	4771	15	9100 LANCASTER SERIES POLE	SL999-C3_44SA144SV1.IES
	6	Backback	SS4+@180	SOLANA DECORATIVE POST TOP, TYPE 3 DISTRIBUTION, LIGHT DIFFUSED ACRYLIC HORIZONTAL LENS, BOTTOM OF LUMINAIRE BACK-TO-BACK TENON MOUNTED TO POLE MOUNTED ARMS AT 15FT AFG	STERNBERG	2x(SL999-C3_3073440L0144SV1	B2-U3-G1	3000	0.828	91.8	9542	15	9100 LANCASTER SERIES POLE	SL999-C3_44SA144SV1.IES

CALCULATION SUMMARY

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	Point Spacing Left to Right	Point Spacing Top to Bottom
BUCKINGHAM BLVD_Ground	Illuminance	Fc	5.8	23.1	0.1	7.8	210.0	10	10
CALC PTS TO ZERO_Ground	Illuminance	Fc	0.3	13.3	0.0	N/A	N/A	20	20
HERSHEY ROAD_Ground	Illuminance	Fc	0.9	7.9	0.2	4.6	9.5	10	10
INTERSECTION_Ground	Illuminance	Fc	0.9	5.1	0.2	4.7	15.6	10	10
TRACT 14 + CAR PARKING_Ground	Illuminance	Fc	1.2	3.1	0.4	3.3	5.3	10	10
TRACT 14 + DRIVELANE_Ground	Illuminance	Fc	0.9	3.1	0.1	9.5	16.0	10	10
TRACT 14 + LOADING DOCK_Ground	Illuminance	Fc	5.0	13.2	0.5	10.1	24.4	10	10
TRACT 14 + PROPERTY LINE_Ground	Illuminance	Fc	0.0	0.8	0.0	N/A	N/A	20	N/A
TRACT 14 + TRUCK PARKING_Ground	Illuminance	Fc	2.9	11.7	0.2	14.3	58.5	10	10
TRACT 14 + CAR PARKING_Ground	Illuminance	Fc	1.2	3.1	0.4	3.3	5.3	10	10
TRACT 8 + PROPERTY LINE_Ground	Illuminance	Fc	0.1	0.5	0.0	N/A	N/A	20	N/A
TRACT 8 + CAR PARKING_Ground	Illuminance	Fc	1.4	3.2	0.0	N/A	N/A	10	10
TRACT 8 + LOADING DOCK_Ground	Illuminance	Fc	1.1	3.5	0.0	N/A	N/A	10	10
TRACT 8 + PROPERTY LINE_Ground	Illuminance	Fc	0.4	2.9	0.0	N/A	N/A	20	N/A
TRACT 3 + CAR PARKING_Ground	Illuminance	Fc	1.8	6.5	0.2	9.1	32.5	10	10
TRACT 3 + PROPERTY LINE_Ground	Illuminance	Fc	0.4	2.2	0.0	N/A	N/A	20	N/A
TRACT 2 + CAR PARKING_Ground	Illuminance	Fc	3.9	10.1	0.4	9.7	25.3	10	10
TRACT 2 + GAS CANOPY_Ground	Illuminance	Fc	15.0	25.0	7.8	1.9	3.2	10	10
TRACT 2 + PROPERTY LINE_Ground	Illuminance	Fc	0.9	7.8	0.0	N/A	N/A	20	N/A
TRACT 1 + PARKING & DRIVELANE_Ground	Illuminance	Fc	3.9	7.7	0.3	13.0	25.7	10	10
TRACT 1 + PROPERTY LINE_Ground	Illuminance	Fc	0.6	6.4	0.0	N/A	N/A	20	N/A
TRACT 4 + CAR PARKING_Ground	Illuminance	Fc	1.0	2.0	0.4	2.4	5.0	10	10
TRACT 4 + DRIVELANE_Ground	Illuminance	Fc	0.8	2.2	0.1	8.1	22.0	10	10
TRACT 4 + LOADING DOCK_Ground	Illuminance	Fc	5.0	12.3	0.4	12.6	30.8	10	10
TRACT 4 + PROPERTY LINE_Ground	Illuminance	Fc	0.1	1.9	0.0	N/A	N/A	20	N/A
TRACT 4 + TRUCK PARKING_Ground	Illuminance	Fc	1.1	4.2	0.2	5.5	21.0	10	10
TRACT 5 + DRIVELANE_Ground	Illuminance	Fc	0.8	2.3	0.1	8.5	23.0	10	N/A
TRACT 5 + PROPERTY LINE_Ground	Illuminance	Fc	0.1	0.5	0.0	N/A	N/A	20	N/A

Outline Legend
Illuminance (Fc)
Color Value
0.5 Fc
1.0 Fc

FOR RETTEW ASSOCIATES BY:

NO.	DATE	REVISION

XREFS:
111902037-SV-TOPO
111902037-SV-BASE
TOPO-ATSAT
111902037-LD-BASE
111902037-LD-LAND
111902037-LD-BASE_MAP
111902037-LD BASE_TRG
Hatching_Lighting

MANAGER: KIM M. FASNACHT, RLA
DESIGN BY:
CHKD BY: KMF
SURV. CHIEF:
FIELDBOOK NO. DATA COLLECTOR
DRAWN BY: ASN
CHKD BY: KMF
DRAWING REFERENCE: C:\Users\kfn.fasnacht\Desktop\111902037-Sketch Plan — Standard\111902037-Sketch Plan.dwg

CLIENT
ELIZABETHTOWN CROSSINGS ASSOCIATES LLC
ONE TOWER BRIDGE
100 FRONT STREET, SUITE 560
WEST CONSHOHOCKEN, PA 19428

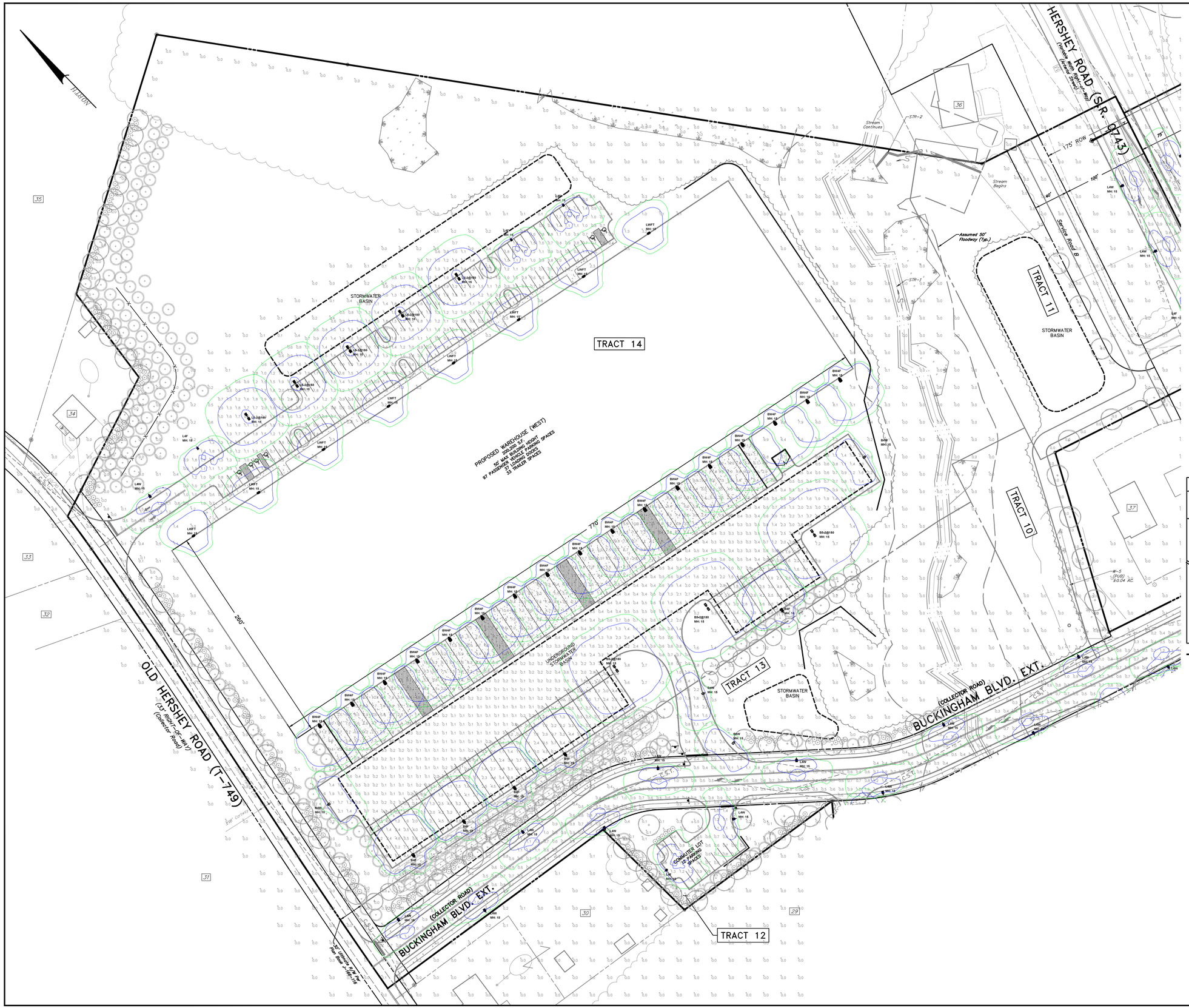
SCALE 1"=100'
0 50' 100' 200' 300'

RETTEW
RETTEW Associates, Inc.
3020 Columbia Avenue, Lancaster, PA 17603
Phone (717) 291-1456 Fax (717) 291-9628
Email: info@rettew.com Website: www.rettew.com
Engineers • Planners • Surveyors • Landscape Architects
Environmental Consultants

OVERALL LIGHTING PLAN
SPECIAL EXCEPTION SKETCH PLAN
FOR
ELIZABETHTOWN CROSSINGS
MOUNT JOY TOWNSHIP & ELIZABETHTOWN BOROUGH LANCASTER COUNTY, PA.

DATE: 11/6/2026
SHEET NO. 1 OF 6
DWG. NO. 111902037

NOT FOR CONSTRUCTION/NOT FOR BIDDING



LUMINAIRE LEGEND			
Symbol	Arrangement	Fixture Type	Description
	Single	B4F	AREA LIGHT, TYPE 4F DISTRIBUTION, MOUNTED TO POLE 15FT AFG
	Single	B4W	AREA LIGHT, TYPE 4W DISTRIBUTION, MOUNTED TO POLE 15FT AFG
	Back2Back	B5x@180	AREA LIGHT, TYPE 5QW DISTRIBUTION, MOUNTED BACK-TO-BACK TO POLE 15FT AFG
	Single	BWAF	AREA LIGHT, TYPE AF DISTRIBUTION, WALL MOUNTED
	Single	L4F	AREA LIGHT, TYPE 4F DISTRIBUTION, MOUNTED TO POLE 15FT AFG
	Single	L4FA	AREA LIGHT, TYPE 4F DISTRIBUTION, MOUNTED TO TRAFFIC LIGHT POLE
	Single	L4W	AREA LIGHT, TYPE 4W DISTRIBUTION, MOUNTED TO POLE 15FT AFG
	Single	L5	AREA LIGHT, TYPE 5QW DISTRIBUTION, MOUNTED TO POLE 15FT AFG
	Back2Back	L5x@180	AREA LIGHT, TYPE 5QW DISTRIBUTION, MOUNTED BACK-TO-BACK TO POLE 15FT AFG
	Single	LC	14'HIGH SQUARE SURFACE MOUNTED GAS CANOPY LIGHT
	Single	LWFT	WALLPACK, FORWARD THROW DISTRIBUTION
	Single	SH4	DECORATIVE POST TOP, ASYMMETRIC DISTRIBUTION, NO LENS, BOTTOM OF LUMINAIRE TENON MOUNTED TO POLE 15FT AFG
	Single	SS3	SOLANA DECORATIVE POST TOP, TYPE 3 DISTRIBUTION, LIGHT DIFFUSED ACRYLIC HORIZONTAL LENS, BOTTOM OF LUMINAIRE TENON MOUNTED TO POLE 15FT AFG
	Single	SS4	SOLANA DECORATIVE POST TOP, TYPE 4 DISTRIBUTION, LIGHT DIFFUSED ACRYLIC HORIZONTAL LENS, BOTTOM OF LUMINAIRE TENON MOUNTED TO POLE 15FT AFG
	Single	SS5	SOLANA DECORATIVE POST TOP, TYPE 5 DISTRIBUTION, LIGHT DIFFUSED ACRYLIC HORIZONTAL LENS, BOTTOM OF LUMINAIRE TENON MOUNTED TO POLE 15FT AFG
	Back2Back	SS5x@180	SOLANA DECORATIVE POST TOP, TYPE 5 DISTRIBUTION, LIGHT DIFFUSED ACRYLIC HORIZONTAL LENS, BOTTOM OF LUMINAIRE BACK-TO-BACK TENON MOUNTED TO POLE MOUNTED ARMS 4'OFF AFG

Action Legend	
Maintenance (%)	
Color	Value
	10.0 fc
	1.0 fc



NO.	DATE	REVISION		

FOR RETTEW ASSOCIATES BY:

XREFS:
111902037-SV-TOPO
111902037-SV-BASE
TOPO-AT&T
111902037-LD-BASE
111902037-LD-LAND
111902037-LD-KEY MAP
111902037-LD_BASE-TRG
Retaining.dgnlib

MANAGER: KIM M. FASNACHT, RLA
DESIGN BY: CHKD BY: KMF
SURV. CHIEF: FIELDBOOK NO. DATA COLLECTOR
DRAWN BY: ASN CHKD BY: KMF
DRAWING REFERENCE: C:\Users\kim.fasnacht\Desktop\111902037-Sketch Plan - Standard\111902037-Sketch Plan.dwg

CLIENT
ELIZABETHTOWN CROSSING ASSOCIATES LLC
ONE TOWER BRIDGE
100 FRONT STREET, SUITE 560
WEST CONSHOHOCKEN, PA 19428

SCALE
1"=50'
150' 100' 50' 25' 0

RETTEW
RETTEW Associates, Inc.
3020 Columbia Avenue, Lancaster, PA 17603
Phone (717) 291-1836 Fax (717) 291-1837
Email: info@rettew.com
Website: www.rettew.com
Engineers • Planners • Surveyors • Landscape Architects
Environmental Consultants

AREA A LIGHTING PLAN
SPECIAL EXCEPTION SKETCH PLAN
FOR
ELIZABETHTOWN CROSSINGS
MOUNT JOY TOWNSHIP & ELIZABETHTOWN BOROUGH
LANCASTER COUNTY, PA.

DATE: 11/6/2026
SHEET NO. 2 OF 6
DWG. NO. 111902037

NOT FOR CONSTRUCTION/NOT FOR BIDDING

LUMINAIRE LEGEND			
Symbol	Arrangement	Fixture Type	Description
	Single	B4F	AREA LIGHT, TYPE 4F DISTRIBUTION, MOUNTED TO POLE 15FT AFG
	Single	B4W	AREA LIGHT, TYPE 4W DISTRIBUTION, MOUNTED TO POLE 15FT AFG
	Backstock	RSx2@180	AREA LIGHT, TYPE 5QW DISTRIBUTION, MOUNTED BACK-TO-BACK TO POLE 15FT AFG
	Single	B5WF	AREA LIGHT, TYPE 4F DISTRIBUTION, WALL MOUNTED
	Single	L4F	AREA LIGHT, TYPE 4F DISTRIBUTION, MOUNTED TO POLE 15FT AFG
	Single	L4FA	AREA LIGHT, TYPE 4F DISTRIBUTION, MOUNTED TO TRAFFIC LIGHT POLE
	Single	L4W	AREA LIGHT, TYPE 4W DISTRIBUTION, MOUNTED TO POLE 15FT AFG
	Single	L5	AREA LIGHT, TYPE 5QW DISTRIBUTION, MOUNTED TO POLE 15FT AFG
	Backstock	L5x2@180	AREA LIGHT, TYPE 5QW DISTRIBUTION, MOUNTED BACK-TO-BACK TO POLE 15FT AFG
	Single	LC	14 INCH SQUARE SURFACE MOUNTED GAS CANOPY LIGHT
	Single	LWF7	WALLPACK, FORWARD THROW DISTRIBUTION
	Single	Sm4	DECORATIVE POST TOP, ASYMMETRIC DISTRIBUTION, NO LENS, BOTTOM OF LUMINAIRE TENON MOUNTED TO POLE 15FT AFG
	Single	SS3	SOLANNA DECORATIVE POST TOP, TYPE 3 DISTRIBUTION, LIGHT DIFFUSED ACRYLIC HORIZONTAL LENS, BOTTOM OF LUMINAIRE TENON MOUNTED TO POLE 15FT AFG
	Single	SS4	SOLANNA DECORATIVE POST TOP, TYPE 4 DISTRIBUTION, LIGHT DIFFUSED ACRYLIC HORIZONTAL LENS, BOTTOM OF LUMINAIRE TENON MOUNTED TO POLE 15FT AFG
	Single	SS5	SOLANNA DECORATIVE POST TOP, TYPE 5 DISTRIBUTION, LIGHT DIFFUSED ACRYLIC HORIZONTAL LENS, BOTTOM OF LUMINAIRE TENON MOUNTED TO POLE 15FT AFG
	Backstock	SS5x2@180	SOLANNA DECORATIVE POST TOP, TYPE 5 DISTRIBUTION, LIGHT DIFFUSED ACRYLIC HORIZONTAL LENS, BOTTOM OF LUMINAIRE BACK-TO-BACK TENON MOUNTED TO POLE MOUNTED AREA ATTOP 15FT AFG

Fixture Legend
Maintained Fc

Min	Max
0.5fc	
0.2fc	

TRACT 10
TRACT 8
TRACT 9
TRACT 31
BUCKINGHAM BLVD. EXT.
(COLLECTOR ROAD)
LEGAL RIGHT-OF-WAY LINE
200' ROW
100' ROW
80' ROW
STORMWATER BASIN
UNDERGROUND STORMWATER BASIN
QUICK SERVICE RESTAURANT 2,350 S.F. 38 PARKING SPACES
RETAIL BUILDING 24,000 S.F. TOTAL 74 VEHICLE PARKING SPACES
3-STORY HOTEL 63 ROOMS 63 PARKING SPACES
LOADING
Assumed 50' Floodway (Typ.)
W-5 (PUB) ±0.04 AC
HERSHEY ROAD (S.R. 0743)
(Variable Width Right-of-Way)
Access Easement
15'
30'
HARRISON

NOT FOR CONSTRUCTION/NOT FOR BIDDING

NO.	DATE	REVISION

FOR RETTEW ASSOCIATES BY:

XREFS:
111902037-SV-TOPO
111902037-SV-BASE
TOPO-ETAT
111902037-LD-BASE
111902037-LD-LAND
111902037-LD-KEY MAP
111902037-LD_BASE-TRG
Fixturing.dgnlib

MANAGER: KIM M. FASNACHT, RLA
DESIGN BY: CHKD BY: KMF
SURV. CHIEF: FIELDBOOK NO. DATA COLLECTOR
DRAWN BY: ASN CHKD BY: KMF
DRAWING REFERENCE: C:\Users\Kim.fasnacht\Desktop\111902037-Sketch Plan — Standard\111902037-Sketch Plan.dwg

CLIENT
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100 FRONT STREET, SUITE 560
WEST CONSHOHOCKEN, PA 19428

SCALE
1"=50'
0 25' 50' 100' 150'

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AREA B LIGHTING PLAN
SPECIAL EXCEPTION SKETCH PLAN
FOR
ELIZABETHTOWN CROSSINGS
MOUNT JOY TOWNSHIP & ELIZABETHTOWN BOROUGH LANCASTER COUNTY, PA.

DATE: 11/6/2026
SHEET NO. 3 OF 6
DWG. NO. 111902037

PA ROUTE 283 (S.R. 0300)
(Variable Width Right-of-Way)

RAMP P

HERSHEY ROAD (S.R. 0743)
(Variable Width Right-of-Way)

TRACT 1

TRACT 2

TRACT 10

TRACT 11

STORMWATER BASIN

UNDERGROUND STORMWATER BASIN

VEHICLE FUELING STATION
6,400 S.F.
30 VEHICLE PARKING SPACES

CARWASH
5,285 S.F.
5 PARKING SPACES

QUICK SERVICE RESTAURANT
2,995 S.F.
35 PARKING SPACES

Assumed 50' Floodway (Typ.)

25' WETLAND SETBACK (TYP)

LEGAL RIGHT-OF-WAY LINE

200' ROW

175' ROW

100'

40'

75'

776'

Service Road B

Stream Ends

Stream Continues

Stream Begins

Rock Pile

W-1 (PEM) ±0.01 AC

W-5 (PUB) ±2.04 AC

STR-1 STR-2 STR-4 STR-5 STR-6

36

37

T.R.S.O.N.

LUMINAIRE LEGEND

Symbol	Arrangement	Fixture Type	Description
	Single	S4F	AREA LIGHT, TYPE 4F DISTRIBUTION, MOUNTED TO POLE 15FT AFG
	Single	S4W	AREA LIGHT, TYPE 4W DISTRIBUTION, MOUNTED TO POLE 15FT AFG
	Back-Back	S5x2@180	AREA LIGHT, TYPE 5QW DISTRIBUTION, MOUNTED BACK-TO-BACK TO POLE 15FT AFG
	Single	S5WF	AREA LIGHT, TYPE 4F DISTRIBUTION, WALL MOUNTED
	Single	L4F	AREA LIGHT, TYPE 4F DISTRIBUTION, MOUNTED TO POLE 15FT AFG
	Single	L4FA	AREA LIGHT, TYPE 4F DISTRIBUTION, MOUNTED TO TRAFFIC LIGHT POLE
	Single	L4W	AREA LIGHT, TYPE 4W DISTRIBUTION, MOUNTED TO POLE 15FT AFG
	Single	LT	AREA LIGHT, TYPE 5QW DISTRIBUTION, MOUNTED TO POLE 15FT AFG
	Back-Back	L5x2@180	AREA LIGHT, TYPE 5QW DISTRIBUTION, MOUNTED BACK-TO-BACK TO POLE 15FT AFG
	Single	LC	14 INCH SQUARE SURFACE MOUNTED GAS CANOPY LIGHT
	Single	LWFT	WALLPACK, FORWARD THROW DISTRIBUTION
	Single	SH4	DECORATIVE POST TOP, ASYMMETRIC DISTRIBUTION, NO LENS, BOTTOM OF LUMINAIRE TENON MOUNTED TO POLE 15FT AFG
	Single	SS5	SOLANA DECORATIVE POST TOP, TYPE 5 DISTRIBUTION, LIGHT DIFFUSED ACRYLIC HORIZONTAL LENS, BOTTOM OF LUMINAIRE TENON MOUNTED TO POLE 15FT AFG
	Single	SS4	SOLANA DECORATIVE POST TOP, TYPE 4 DISTRIBUTION, LIGHT DIFFUSED ACRYLIC HORIZONTAL LENS, BOTTOM OF LUMINAIRE TENON MOUNTED TO POLE 15FT AFG
	Single	SS5	SOLANA DECORATIVE POST TOP, TYPE 5 DISTRIBUTION, LIGHT DIFFUSED ACRYLIC HORIZONTAL LENS, BOTTOM OF LUMINAIRE TENON MOUNTED TO POLE 15FT AFG
	Back-Back	SS5x2@180	SOLANA DECORATIVE POST TOP, TYPE 5 DISTRIBUTION, LIGHT DIFFUSED ACRYLIC HORIZONTAL LENS, BOTTOM OF LUMINAIRE BACK-TO-BACK TENON MOUNTED TO POLE MOUNTED ARM 15 FEET AFG

Andino Legend

Maintenance (%)	
Color	Index
Footcandle	10.00
Footcandle	10.00

KEY MAP
SCALE - 1"=700'

AREA A
AREA B
AREA C
AREA D
AREA E
AREA F

NOT FOR CONSTRUCTION/NOT FOR BIDDING

FOR RETTEW ASSOCIATES BY:

NO.	DATE	REVISION

XREFS:
111902037-SV-TOPO
111902037-SV-BASE
TOPO-TEXT
111902037-LD-BASE
111902037-LD-LAND
111902037-LD-BASE-MAP
111902037-LD_BASE-TRG
Xlighting_rpt.dwg

MANAGER: KIM M. FASNACHT, RLA
DESIGN BY: CHKD BY: KMF
SURV. CHIEF: FIELDBOOK NO. BAR COLLECTOR
DRAWN BY: ASN CHKD BY: KMF
DRAWING REFERENCE: C:\Users\Kim.fasnacht\Desktop\111902037-Sketch Plan - Standard\111902037-Sketch Plan.dwg

CLIENT
ELIZABETHTOWN CROSSING ASSOCIATES LLC
ONE TOWER BRIDGE
100 FRONT STREET, SUITE 560
WEST CONSHOHOCKEN, PA 19428

SCALE
0 25' 50' 100' 150'
1"=50'

RETTEW
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3020 Columbia Avenue, Lancaster, PA 17603
Phone: (717) 291-1836
Email: info@rettew.com
Website: www.rettew.com
Engineers • Planners • Surveyors • Landscape Architects
Environmental Consultants

AREA C LIGHTING PLAN
SPECIAL EXCEPTION SKETCH PLAN
FOR
ELIZABETHTOWN CROSSINGS
MOUNT JOY TOWNSHIP & ELIZABETHTOWN BOROUGH
LANCASTER COUNTY, PA.

DATE: 11/6/2026
SHEET NO. 4 OF 6
DWG. NO. 111902037

LUMINAIRE LEGEND			
Symbol	Arrangement	Fixture Type	Description
	Single	B4F	AREA LIGHT, TYPE 4F DISTRIBUTION, MOUNTED TO POLE 15FT AFG
	Single	B4W	AREA LIGHT, TYPE 4W DISTRIBUTION, MOUNTED TO POLE 15FT AFG
	Backdoor	B5G@180	AREA LIGHT, TYPE 5GW DISTRIBUTION, MOUNTED BACK-TO-BACK TO POLE 15FT AFG
	Single	B5WF	AREA LIGHT, TYPE 4F DISTRIBUTION, WALL MOUNTED
	Single	L4F	AREA LIGHT, TYPE 4F DISTRIBUTION, MOUNTED TO POLE 15FT AFG
	Single	L4FA	AREA LIGHT, TYPE 4F DISTRIBUTION, MOUNTED TO TRAFFIC LIGHT POLE
	Single	L4W	AREA LIGHT, TYPE 4W DISTRIBUTION, MOUNTED TO POLE 15FT AFG
	Single	L5	AREA LIGHT, TYPE 5GW DISTRIBUTION, MOUNTED TO POLE 15FT AFG
	Backdoor	L5G@180	AREA LIGHT, TYPE 5GW DISTRIBUTION, MOUNTED BACK-TO-BACK TO POLE 15FT AFG
	Single	LC	14'HIGH SQUARE SURFACE MOUNTED GAS CANOPY LIGHT
	Single	LWFT	WALLPACK, FORWARD THROW DISTRIBUTION
	Single	lm4	DECORATIVE POST TOP, ASYMMETRIC DISTRIBUTION, NO LENS, BOTTOM OF LUMINAIRE TENON MOUNTED TO POLE 15FT AFG
	Single	SS3	SOLANA DECORATIVE POST TOP, TYPE 3 DISTRIBUTION, LIGHT DIFFUSED ACRYLIC HORIZONTAL LENS, BOTTOM OF LUMINAIRE TENON MOUNTED TO POLE 15FT AFG
	Single	SS4	SOLANA DECORATIVE POST TOP, TYPE 4 DISTRIBUTION, LIGHT DIFFUSED ACRYLIC HORIZONTAL LENS, BOTTOM OF LUMINAIRE TENON MOUNTED TO POLE 15FT AFG
	Single	SS5	SOLANA DECORATIVE POST TOP, TYPE 5 DISTRIBUTION, LIGHT DIFFUSED ACRYLIC HORIZONTAL LENS, BOTTOM OF LUMINAIRE TENON MOUNTED TO POLE 15FT AFG
	Backdoor	SS5x2@180	SOLANA DECORATIVE POST TOP, TYPE 5 DISTRIBUTION, LIGHT DIFFUSED ACRYLIC HORIZONTAL LENS, BOTTOM OF LUMINAIRE BACK-TO-BACK TENON MOUNTED TO POLE MOUNTED ARMS AT 15FT AFG

Statistics Legend

Statistics (fc)	
Calc	Max
Min	Ave
Max/Min	Ave/Min

TRACT 4

TRACT 5

PROPOSED WAREHOUSE (EAST)
200,200 SF
50' MAX BUILDING HEIGHT
97 PASSENGER VEHICLE PARKING SPACES
37 LOADING DOCKS
28 TRAILER SPACES

STORMWATER BASIN

UNDERGROUND STORMWATER BASIN

260'

770'

Assumed 50' Floodway (Typ.)

Stream Begins

Stream Ends

STR-8

STR-3

STR-7

Rock Pile

MOUNT GRETNA ROAD (S.R. 0241)
(50' Right-of-Way)
(Collector Road)

BUCKINGHAM BLVD. EXT.
(COLLECTOR ROAD)

R-2 MEDIUM DENSITY RESIDENTIAL

MU MIXED USE

TILDEN

KEY MAP
SCALE - 1"=700'

FOR RETTEW ASSOCIATES BY:

NO.	DATE	REVISION

XREFS:
111902037-SV-TOPO
111902037-SV-BASE
TOPO-ESAT
111902037-LD-BASE
111902037-LD-LAND
111902037-LD-KEY MAP
111902037-LD_BASE_TRG
Xlighting.dgnlig

MANAGER: KIM M. FASNACHT, RLA
DESIGN BY: CHKD BY: KMF
SURV. CHIEF: FIELDBOOK NO. BAR COLLECTOR
DRAWN BY: ASN CHKD BY: KMF
DRAWING REFERENCE: C:\Users\Kim.fasnacht\Desktop\111902037--Sketch Plan -- Standard\111902037--Sketch Plan.dwg

CLIENT
ELIZABETHTOWN CROSSING ASSOCIATES LLC
ONE TOWER BRIDGE
100 FRONT STREET, SUITE 560
WEST CONSHOHOCKEN, PA 19428

SCALE
1"=50'
0 25' 50' 100' 150'

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AREA D LIGHTING PLAN

SPECIAL EXCEPTION SKETCH PLAN
FOR
ELIZABETHTOWN CROSSINGS

MOUNT JOY TOWNSHIP & ELIZABETHTOWN BOROUGH LANCASTER COUNTY, PA.

DATE: 11/6/2026
SHEET NO. 5 OF 6
DWG. NO. 111902037

NOT FOR CONSTRUCTION/NOT FOR BIDDING

LUMINAIRE LEGEND			
Symbol	Arrangement	Fixture Type	Description
	Single	SAF	AREA LIGHT, TYPE AF DISTRIBUTION, MOUNTED TO POLE 15FT AFG
	Single	SAS	AREA LIGHT, TYPE AS DISTRIBUTION, MOUNTED TO POLE 15FT AFG
	Back-Back	SSA@180	AREA LIGHT, TYPE SSA DISTRIBUTION, MOUNTED BACK-TO-BACK TO POLE 15FT AFG
	Single	SWAF	AREA LIGHT, TYPE AF DISTRIBUTION, WALL MOUNTED
	Single	L4F	AREA LIGHT, TYPE AF DISTRIBUTION, MOUNTED TO POLE 15FT AFG
	Single	L4TA	AREA LIGHT, TYPE AT DISTRIBUTION, MOUNTED TO TRAFFIC LIGHT POLE
	Single	L4AS	AREA LIGHT, TYPE AS DISTRIBUTION, MOUNTED TO POLE 15FT AFG
	Single	L5	AREA LIGHT, TYPE SSA DISTRIBUTION, MOUNTED TO POLE 15FT AFG
	Back-Back	L5@180	AREA LIGHT, TYPE SSA DISTRIBUTION, MOUNTED BACK-TO-BACK TO POLE 15FT AFG
	Single	LC	140HIGH SQUARE SURFACE MOUNTED GAS CANOPY LIGHT
	Single	LWFT	WALLPACK, FORWARD THROW DISTRIBUTION
	Single	SH4	DECORATIVE POST TOP, ASYMMETRIC DISTRIBUTION, NO LENS, BOTTOM OF LUMINAIRE TENON MOUNTED TO POLE 15FT AFG
	Single	SS3	SOLANA DECORATIVE POST TOP, TYPE 3 DISTRIBUTION, LIGHT DIFFUSED ACRYLIC HORIZONTAL LENS, BOTTOM OF LUMINAIRE TENON MOUNTED TO POLE 15FT AFG
	Single	SS4	SOLANA DECORATIVE POST TOP, TYPE 4 DISTRIBUTION, LIGHT DIFFUSED ACRYLIC HORIZONTAL LENS, BOTTOM OF LUMINAIRE TENON MOUNTED TO POLE 15FT AFG
	Single	SS5	SOLANA DECORATIVE POST TOP, TYPE 5 DISTRIBUTION, LIGHT DIFFUSED ACRYLIC HORIZONTAL LENS, BOTTOM OF LUMINAIRE TENON MOUNTED TO POLE 15FT AFG
	Back-Back	SS5@180	SOLANA DECORATIVE POST TOP, TYPE 5 DISTRIBUTION, LIGHT DIFFUSED ACRYLIC HORIZONTAL LENS, BOTTOM OF LUMINAIRE BACK-TO-BACK TENON MOUNTED TO POLE MOUNTED ARMS AT 15FT AFG

Build-in Legend		
Illuminance (Fc)		
Label	Value	
	0.5FC	
	1.0FC	

BUCKINGHAM BLVD. EXT. (COLLECTOR ROAD)

STORMWATER BASIN

TRACT 5

TRACT 6

STORMWATER BASIN

MU-MIXED USE MOUNT JOY TOWNSHIP ELIZABETHTOWN BOROUGH R-3 RESIDENTIAL

R-2 MEDIUM DENSITY RESIDENTIAL MOUNT JOY TOWNSHIP ELIZABETHTOWN BOROUGH R-1 RESIDENTIAL

BUCKINGHAM BOULEVARD (T-333)

(Collector Road)

MU MIXED USE

R-2 MEDIUM DENSITY RESIDENTIAL

R-3 RESIDENTIAL R-1 RESIDENTIAL

MOUNT GRETNA ROAD (S.R. 0241)
(80' Right-of-Way) (Collector Road)

ELIZABETHTOWN BOROUGH MOUNT JOY TOWNSHIP

MU-MIXED USE R-3 RESIDENTIAL

IRONSTONE DRIVE (T-838)

25 22 20 19 18 17 16 15 14 13 12 11 10 9 8 7 6 5 4 3 2

KEY MAP
SCALE - 1"=700'

NO.	DATE	REVISION

FOR RETTEW ASSOCIATES BY:

XREFS:
11190203?-SV- TOPO
11190203?-SV- BASE
TOPO-AT&T
11190203?-LD- BASE
11190203?-LD- LAND
11190203?-LD- BASE - MAP
11190203?-LD- BASE - TRG
Retaining Wall.dwg

MANAGER: KIM M. FASNACHT, RLA
DESIGN BY:
CHKD BY: KMF
SURV. CHIEF:
FIELDBOOK NO. BAR COLLECTOR
DRAWN BY: ASN
CHKD BY: KMF
DRAWING REFERENCE: C:\Users\Kim.fasnacht\Desktop\111902037- Sketch Plan – Standard\111902037- Sketch Plan.dwg

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DATE: 11/6/2026
SHEET NO. 6 OF 6
DWG. NO. 111902037

NOT FOR CONSTRUCTION/NOT FOR BIDDING

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DATE: LOCATION:

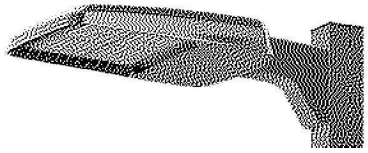
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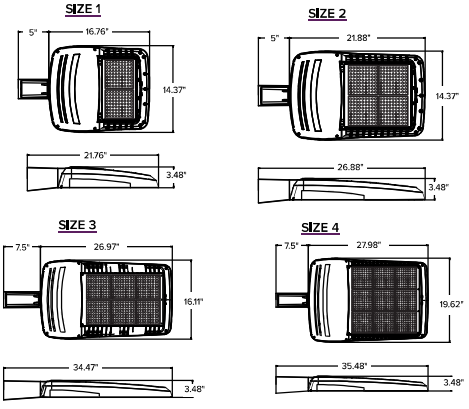
CATALOG #:

VIPER Area/Site

VIPER LUMINAIRE

OPTICS STRIKE





FEATURES

- Low profile LED area/site luminaire with a variety of IES distributions for lighting applications such as auto dealership, retail, commercial, and campus parking lots
- Featuring Strike optics which provide the best distribution patterns for retrofit or new construction
- Rated for high vibration applications including bridges and overpasses. All sizes are rated for 1.5G
- Control options including photo control, occupancy sensing, NX Lighting Controls™, LightGRID+ and 7-Pin with networked controls
- New customizable lumen output feature allows for the wattage and lumen output to be customized in the factory to meet whatever specification requirements may entail
- Field interchangeable mounting provides additional flexibility after the fixture has shipped

c UL us IP65 IP66 IK10 DLC LISTED DLC LISTED PREMIUM ida BAA TAA

CONTROL TECHNOLOGY

NX CONNECT NX WIRED NX WIRELESS LIGHTGRID

SERVICE PROGRAMS

QS10

SPECIFICATIONS

CONSTRUCTION

- Die-cast housing with hidden vertical heat fins are optimal for heat dissipation while keeping a clean smooth outer surface
- Corrosion resistant, die-cast aluminum housing with 1000 hour powder coat paint finish
- External hardware is corrosion resistant

OPTICS

- Strike Optics (36, 72, 108, or 162 LED counts) provide best in class distributions and maximum pole spacing in new applications with high powered LEDs. Strike optics are held in place with a polycarbonate bezel to mimic the appearance of the Micro Strike Optics so both solutions can be combined on the same application. Catalog logic found on page 2
- All optics maximize target zone illumination with minimal losses at the house-side, reducing light trespass issues. Additional backlight control shields and house side shields can be added for further reduction of illumination behind the pole
- One-piece silicone gasket ensures a weatherproof seal
- Zero up-light at 0 degrees of tilt
- Field rotatable optics

INSTALLATION

- Mounting patterns for each arm can be found on page 11
- Optional universal mounting block for ease of installation during retrofit applications. Available as an option (ASQU) or accessory for square and round poles
- All mounting hardware included

INSTALLATION (CONTINUED)

- Knuckle arm fitter option available for 2-3/8" OD tenon
- For products with EPA less than 1 mounted to a pole greater that 20ft, a vibration damper is recommended

ELECTRICAL

- Universal 120-277 VAC or 347-480 VAC input voltage, 50/60 Hz
- Ambient operating temperature -40˚C to 40˚C
- Drivers have greater than 90% power factor and less than 20% THD
- LED drivers have output power over-voltage, over-current protection and short circuit protection with auto recovery
- Field replaceable surge protection device provides 20kA protection meeting ANSI/ IEEE C62.41.2 Category C High and Surge Location Category C3; Automatically takes fixture off-line for protection when device is compromised
- Dual Driver option provides 2 drivers within luminaire but only one set of leads exiting the luminaire, where Dual Power Feed provides two drivers which can be wired independently as two sets of leads are extended from the luminaire. Both options cannot be combined

CONTROLS

- Photo control, occupancy sensor programmable controls, and Zigbee wireless controls available for complete on/off and dimming control
- Please consult brand or sales representative when combining control and electrical options as some combinations may not operate as anticipated depending on your application
- 7-pin ANSI C136.41-2013 photocontrol receptacle option available for twist lock photocontrols or wireless control modules (control accessories sold separately)
- 0-10V Dimming Drivers are standard. Select CD option to have dimming leads extended outside the luminaire. Must specify if wiring leads are to be greater than the 6" standard.

	EPA				
	VP1 (Size 1)	VP2 (Size 2)	VP3 (Size 3)	VP4 (Size 4)	Config.
Single Fixture	0.454	0.555	0.655	0.698	
Two at 180	0.908	1.110	1.310	1.396	
Two at 90	0.583	0.711	0.857	0.948	
Three at 90	1.037	1.266	1.512	1.646	
Three at 120	0.943	1.155	1.392	1.680	
Four at 90	1.166	1.422	1.714	1.896	

CONTROLS (CONTINUED)

- NX Lighting Controls™ available with in fixture wireless control module, features dimming and occupancy sensor
- LightGRID+ available with in fixture wireless control module, features dimming and occupancy sensor. Also available in 7-pin configuration

CERTIFICATIONS

- DLC® (DesignLights Consortium Qualified), with some Premium Qualified configurations. Not all product variations listed in this document are DLC® qualified. Refer to http://www.designlights.org for the most up-to-date list.
- Listed to UL1598 and CSA C22.2#250.0-24 for wet locations and 40˚C ambient temperatures
- 1.5 G rated for ANSI C136.31 high vibration applications
- Fixture is IP65 rated with Strike optics
- Meets IDA recommendations using 3K CCT configuration at 0 degrees of tilt
- This product meets federal procurement law requirements under the Buy American Act (FAR 52.225-9) and Trade Agreements Act (FAR 52.225-11). See Buy America(n) Solutions (link to https://www.currentlighting.com/resources/america-solutions).
- FCC CFR Title 47 Part 15, Class A

WARRANTY

- 5 year warranty

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VIPER Area/Site

VIPER LUMINAIRE

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

STRIKE OPTIC – ORDERING GUIDE

Example: VP–ST–1–36L-39–3K7–2–UNV–A–BLT

CATALOG # VP – – – – – – – – –

Series	Optic Platform	Size	Light Engine	CCT/CRI	Distribution	Optic Rotation	Voltage
VP Viper	ST Strike	1 Size 1	36L-39 [8] 5500 lumens	27K8 2700K, 80 CRI	FR Auto Front Row	BLANK No Rotation	UNV 120-277V
			36L-55 [8] 7500 lumens	3K7 3000K, 70 CRI	2 Type 2	L Optic rotation left	120 120V
			36L-85 10000 lumens	3K8 3000K, 80 CRI	3 Type 3	R Optic rotation right	208 208V
			36L-105 12500 lumens	3K9 3000K, 90 CRI	4F Type 4 Forward		240 240V
			36L-120 14000 lumens	35K8 3500K, 80 CRI	4W Type 4 Wide		277 277V
		2 Size 2	72L-115 15000 lumens	4K7 4000K, 70 CRI	5QN Type 5 Square Narrow		347 347V
			72L-145 18000 lumens	4K8 4000K, 80 CRI	5QW Type 5 Square Wide		480 480V
			72L-180 21000 lumens	4K9 4000K, 90 CRI	5QM Type 5 Square Medium		
			72L-210 24000 lumens	5K7 5000K, 70 CRI	5W Type 5 Wide (Round)		
			72L-240 27000 lumens	5K8 5000K, 80 CRI	5RW Type 5 Rectangular		
		3 Size 3	108L-215 [8] 27000 lumens		C Corner Optic		
			108L-250 30000 lumens		TC Tennis Court Optic		
			108L-280 33000 lumens				
			108L-325 36000 lumens				
			108L-365 40000 lumens				
		4 Size 4	162L-320 40000 lumens				
			162L-365 [10] 44000 lumens				
			162L-405 48000 lumens				
			162L-445 52000 lumens				
			162L-485 55000 lumens				
			162L-545 [8] 60000 lumens				
			CLO Custom Lumen Output [1]				

Mounting	Color	Options
A Arm mount for square pole/flat surface	BLT Black Matte Textured	F Fusing
A_ Arm mount for round pole [3]	BLS Black Gloss Smooth	E Battery Backup [1,2,7,8,9]
ASQU Universal arm mount for square pole	DBT Dark Bronze Matte Textured	2PF Dual Power Feed
A_U Universal arm mount for round pole [3]	DBS Dark Bronze Gloss Smooth	2DR Dual Driver
AAU Adjustable arm for pole mounting (universal drill pattern)	GTT Graphite Matte Textured	TE Tooless Entry
AA_U Adjustable arm mount for round pole [3]	LGS Light Grey Gloss Smooth	BC Backlight Control
ADU Decorative upswept Arm (universal drill pattern)	LGT Light Grey Gloss Textured	TB Terminal Block
AD_U Decorative upswept arm mount for round pole [3]	PSS Platinum Silver Smooth	CD Customer Dimming
MAF Mast arm fitter for 2-3/8" OD horizontal arm	WHT White Matte Textured	
K Knuckle	WHS White Gloss Smooth	
T Trunnion	VGT Verde Green Textured	
WB Wall Bracket, horizontal tenon with MAF	**Color Option**	
WM Wall mount bracket with decorative upswept arm	CC Custom Color	
WA Wall mount bracket with adjustable arm		

Network Control Options	
NXWS16F	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [1,4,5]
NXWS40F	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [1,4,5]
NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor [4,5]
WIR	LightGRID+ In-Fixture Module [4,5]
WIRSC	LightGRID+ Module and Occupancy Sensor [4,5]
Stand Alone Sensors	
BTS-14F	Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
BTS-40F	Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming® Photocell and 360° Lens
BTSO-12F	Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
7PR	7-Pin Receptacle [4]
7PR-SC	7-Pin Receptacle with shorting cap [4]
7PR-TL	7-Pin PCR with photocontrol
3PR	3-Pin twist lock [4]
3PR-SC	3-Pin receptacle with shorting cap [4]
3PR-TL	3-Pin PCR with photocontrol [4]
Programmed Controls	
SCP-_F	Sensor Control Programmable, 8F or 40F [11]
ADD	AutoDim Timer Based Dimming [12]
ADT	AutoDim Time of Day Dimming [12]

1 – Items with a grey background can be done as a custom order. Contact brand representative for more information
2 – Battery temperature rating -20C to 55C
3 – Replace "_" with "3" for 2.75"-4.13" OD pole, "4" for 4.18"-5.25" OD pole, "5" for 5.5"-6.5" OD pole
4 – Networked Controls cannot be combined with other control options
5 – Not available with 2PF option
6 – Not available with 480V
7 – Not available with 347 or 480V
8 – Not available with Dual Driver option
9 – Only available in Size 1 housing, up to 105 Watts
10 – Some voltage restrictions may apply when combined with controls
11 – At least one SCPREMOTE required to program SCP motion sensor. Must select 8ft or 40ft.
12 - Please refer to page 8 for AutoDim ordering guide

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VIPER Area/Site

VIPER LUMINAIRE

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

ORDERING GUIDE (CONT'D)

CATALOG # _____ – _____ – _____ – _____

Accessory Type	
SHD	House Side Shield
MTG	Mounting

Size	
1	Size 1
2	Size 2
3	Size 3
4	Size 4

Option	
HSS-90-B	House Side Shield 90° Back
HSS-90-F	House Side Shield 90° Front
HSS-90-S	House Side Shield 90° Side
HSS-270-BSS	House Side Shield 270° Back/Side/Side
HSS-270-FSS	House Side Shield 270° Front/Side/Side
HSS-270-FSB	House Side Shield 270° Front/Side/Back
HSS-360	House Side Shield 360°
BC	Back Light Control
A	Arm Mount for square pole/flat surface
ASQU	Universal Arm Mount for square pole
AAU	Adjustable Arm for pole mounting
ADU	Decorative upswept Arm
RPA	Round Pole Adapter
MAF	Mast Arm Fitter for 2-3/8" OD horizontal arm
K	Knuckle
T	Trunnion
WB	Wall Bracket (compatible with universal arm mounts)

Color	
BLS	Black Gloss Smooth
BLT	Black Matte Textured
DBS	Dark Bronze Gloss Smooth
DBT	Dark Bronze Matte Textured
GTT	Graphite Matte Textured
LGS	Light Gray Gloss Smooth
PSS	Platinum Silver Smooth
WHS	White Gloss Smooth
WHT	White Matte Textured
VGT	Green Landscape Decorative
LEG	Legacy Colors
Color Option	
CC	Custom Color

Accessory Type	
MSC	Miscellaneous

Option	
BIRD SPK	Bird Spike

Current Control Solutions — Accessories (Sold Separately)

NX Lighting Controls

☐ **NXOFM2-1R1D-UNV** On-fixture Module (7-pin), On / Off / Dim, Daylight Sensor with NX Radio and Bluetooth® Radio, 120–480VAC

LightGRID+ Lighting Control

☐ **WIR-RME-L** On-fixture Module (7-pin or 5-pin), On / Off / Dim, Daylight Sensor with LightGRID+ Radio, 110–480VAC

☐ **SCP-REMOTE** Remote Control for SCP/_F option. Order at least one per project to program and control the occupancy sensor

For additional information related to these accessories please visit currentlighting.com/beacon. Options provided for use with integrated sensor, please view specification sheet ordering information table for details.

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DATE: LOCATION:

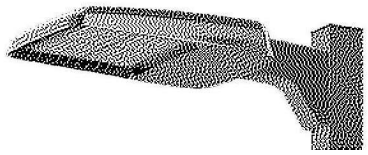
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CATALOG #:

VIPER Area/Site

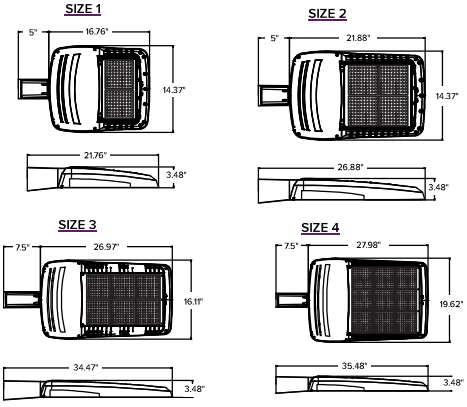
VIPER LUMINAIRE

OPTICS STRIKE



FEATURES

- Low profile LED area/site luminaire with a variety of IES distributions for lighting applications such as auto dealership, retail, commercial, and campus parking lots
- Featuring Strike optics which provide the best distribution patterns for retrofit or new construction
- Rated for high vibration applications including bridges and overpasses. All sizes are rated for 1.5G
- Control options including photo control, occupancy sensing, NX Lighting Controls™, LightGRID+ and 7-Pin with networked controls
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c UL us IP65 IP66 IK10 DLC LISTED DLC LISTED PREMIUM ida BAA TAA

CONTROL TECHNOLOGY

NX CONNECT NX WIRED NX WIRELESS LIGHTGRID

SERVICE PROGRAMS

QS10

SPECIFICATIONS

CONSTRUCTION

- Die-cast housing with hidden vertical heat fins are optimal for heat dissipation while keeping a clean smooth outer surface
- Corrosion resistant, die-cast aluminum housing with 1000 hour powder coat paint finish
- External hardware is corrosion resistant

OPTICS

- Strike Optics (36, 72, 108, or 162 LED counts) provide best in class distributions and maximum pole spacing in new applications with high powered LEDs. Strike optics are held in place with a polycarbonate bezel to mimic the appearance of the Micro Strike Optics so both solutions can be combined on the same application. Catalog logic found on page 2
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- One-piece silicone gasket ensures a weatherproof seal
- Zero up-light at 0 degrees of tilt
- Field rotatable optics

INSTALLATION

- Mounting patterns for each arm can be found on page 11
- Optional universal mounting block for ease of installation during retrofit applications. Available as an option (ASQU) or accessory for square and round poles
- All mounting hardware included

INSTALLATION (CONTINUED)

- Knuckle arm fitter option available for 2-3/8" OD tenon
- For products with EPA less than 1 mounted to a pole greater that 20ft, a vibration damper is recommended

ELECTRICAL

- Universal 120-277 VAC or 347-480 VAC input voltage, 50/60 Hz
- Ambient operating temperature -40˚C to 40˚C
- Drivers have greater than 90% power factor and less than 20% THD
- LED drivers have output power over-voltage, over-current protection and short circuit protection with auto recovery
- Field replaceable surge protection device provides 20kA protection meeting ANSI/ IEEE C62.41.2 Category C High and Surge Location Category C3; Automatically takes fixture off-line for protection when device is compromised
- Dual Driver option provides 2 drivers within luminaire but only one set of leads exiting the luminaire, where Dual Power Feed provides two drivers which can be wired independently as two sets of leads are extended from the luminaire. Both options cannot be combined

CONTROLS

- Photo control, occupancy sensor programmable controls, and Zigbee wireless controls available for complete on/off and dimming control
- Please consult brand or sales representative when combining control and electrical options as some combinations may not operate as anticipated depending on your application
- 7-pin ANSI C136.41-2013 photocontrol receptacle option available for twist lock photocontrols or wireless control modules (control accessories sold separately)
- 0-10V Dimming Drivers are standard. Select CD option to have dimming leads extended outside the luminaire. Must specify if wiring leads are to be greater than the 6" standard.

	EPA				
	VP1 (Size 1)	VP2 (Size 2)	VP3 (Size 3)	VP4 (Size 4)	Config.
Single Fixture	0.454	0.555	0.655	0.698	
Two at 180	0.908	1.110	1.310	1.396	
Two at 90	0.583	0.711	0.857	0.948	
Three at 90	1.037	1.266	1.512	1.646	
Three at 120	0.943	1.155	1.392	1.680	
Four at 90	1.166	1.422	1.714	1.896	

CONTROLS (CONTINUED)

- NX Lighting Controls™ available with in fixture wireless control module, features dimming and occupancy sensor
- LightGRID+ available with in fixture wireless control module, features dimming and occupancy sensor. Also available in 7-pin configuration

CERTIFICATIONS

- DLC® (DesignLights Consortium Qualified), with some Premium Qualified configurations. Not all product variations listed in this document are DLC® qualified. Refer to http://www.designlights.org for the most up-to-date list.
- Listed to UL1598 and CSA C22.2#250.0-24 for wet locations and 40˚C ambient temperatures
- 1.5 G rated for ANSI C136.31 high vibration applications
- Fixture is IP65 rated with Strike optics
- Meets IDA recommendations using 3K CCT configuration at 0 degrees of tilt
- This product meets federal procurement law requirements under the Buy American Act (FAR 52.225-9) and Trade Agreements Act (FAR 52.225-11). See Buy America(n) Solutions (link to https://www.currentlighting.com/resources/america-solutions).
- FCC CFR Title 47 Part 15, Class A

WARRANTY

- 5 year warranty

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DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

VIPER Area/Site

VIPER LUMINAIRE

STRIKE OPTIC – ORDERING GUIDE

Example: VP–ST–1–36L-39–3K7–2–UNV–A–BLT

CATALOG #

VP –

Series	
VP	Viper

– | Optic Platform | |
|---|---|
| **ST** | Strike |

– | Size | |
|---|---|
| **1** | Size 1 |
| **2** | Size 2 |
| **3** | Size 3 |
| **4** | Size 4 |

– | Light Engine | |
|---|---|
| **36L-39** [8] | 5500 lumens |
| **36L-55** [8] | 7500 lumens |
| **36L-85** | 10000 lumens |
| **36L-105** | 12500 lumens |
| **36L-120** | 14000 lumens |
| **72L-115** | 15000 lumens |
| **72L-145** | 18000 lumens |
| **72L-180** | 21000 lumens |
| **72L-210** | 24000 lumens |
| **72L-240** | 27000 lumens |
| **108L-215** [8] | 27000 lumens |
| **108L-250** | 30000 lumens |
| **108L-280** | 33000 lumens |
| **108L-325** | 36000 lumens |
| **108L-365** | 40000 lumens |
| **162L-320** | 40000 lumens |
| **162L-365** [10] | 44000 lumens |
| **162L-405** | 48000 lumens |
| **162L-445** | 52000 lumens |
| **162L-485** | 55000 lumens |
| **162L-545** [8] | 60000 lumens |
| **CLO** | Custom Lumen Output [1] |

– | CCT/CRI | |
|---|---|
| **27K8** | 2700K, 80 CRI |
| **3K7** | 3000K, 70 CRI |
| **3K8** | 3000K, 80 CRI |
| **3K9** | 3000K, 90 CRI |
| **35K8** | 3500K, 80 CRI |
| **4K7** | 4000K, 70 CRI |
| **4K8** | 4000K, 80 CRI |
| **4K9** | 4000K, 90 CRI |
| **5K7** | 5000K, 70 CRI |
| **5K8** | 5000K, 80 CRI |

– | Distribution | |
|---|---|
| **FR** | Auto Front Row |
| **2** | Type 2 |
| **3** | Type 3 |
| **4F** | Type 4 Forward |
| **4W** | Type 4 Wide |
| **5QN** | Type 5 Square Narrow |
| **5QW** | Type 5 Square Wide |
| **5QM** | Type 5 Square Medium |
| **5W** | Type 5 Wide (Round) |
| **5RW** | Type 5 Rectangular |
| **C** | Corner Optic |
| **TC** | Tennis Court Optic |

– | Optic Rotation | |
|---|---|
| **BLANK** | **No Rotation** |
| **L** | Optic rotation left |
| **R** | Optic rotation right |

– | Voltage | |
|---|---|
| **UNV** | 120-277V |
| **120** | 120V |
| **208** | 208V |
| **240** | 240V |
| **277** | 277V |
| **347** | 347V |
| **480** | 480V |

–

Mounting	
A	Arm mount for square pole/flat surface
A_	Arm mount for round pole [3]
ASQU	Universal arm mount for square pole
A_U	Universal arm mount for round pole [3]
AAU	Adjustable arm for pole mounting (universal drill pattern)
AA_U	Adjustable arm mount for round pole [3]
ADU	Decorative upswept Arm (universal drill pattern)
AD_U	Decorative upswept arm mount for round pole [3]
MAF	Mast arm fitter for 2-3/8" OD horizontal arm
K	Knuckle
T	Trunnion
WB	Wall Bracket, horizontal tenon with MAF
WM	Wall mount bracket with decorative upswept arm
WA	Wall mount bracket with adjustable arm

–

Color	
BLT	Black Matte Textured
BLS	Black Gloss Smooth
DBT	Dark Bronze Matte Textured
DBS	Dark Bronze Gloss Smooth
GTT	Graphite Matte Textured
LGS	Light Grey Gloss Smooth
LGT	Light Grey Gloss Textured
PSS	Platinum Silver Smooth
WHT	White Matte Textured
WHS	White Gloss Smooth
VGT	Verde Green Textured

Color Option	
CC	Custom Color

–

Options	
F	Fusing
E	Battery Backup [1,2,7,8,9]
2PF	Dual Power Feed
2DR	Dual Driver
TE	Tooless Entry
BC	Backlight Control
TB	Terminal Block
CD	Customer Dimming

Network Control Options	
NXWS16F	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [1,4,5]
NXWS40F	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [1,4,5]
NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor [4,5]
WIR	LightGRID+ In-Fixture Module [4,5]
WIRSC	LightGRID+ Module and Occupancy Sensor [4,5]
Stand Alone Sensors	
BTS-14F	Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
BTS-40F	Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming® Photocell and 360° Lens
BTSO-12F	Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
7PR	7-Pin Receptacle [4]
7PR-SC	7-Pin Receptacle with shorting cap [4]
7PR-TL	7-Pin PCR with photocontrol
3PR	3-Pin twist lock [4]
3PR-SC	3-Pin receptacle with shorting cap [4]
3PR-TL	3-Pin PCR with photocontrol [4]
Programmed Controls	
SCP-_F	Sensor Control Programmable, 8F or 40F [11]
ADD	AutoDim Timer Based Dimming [12]
ADT	AutoDim Time of Day Dimming [12]

1 – Items with a grey background can be done as a custom order. Contact brand representative for more information
2 – Battery temperature rating -20C to 55C
3 – Replace "_" with "3" for 2.75"-4.13" OD pole, "4" for 4.18"-5.25" OD pole, "5" for 5.5"-6.5" OD pole
4 – Networked Controls cannot be combined with other control options
5 – Not available with 2PF option
6 – Not available with 480V
7 – Not available with 347 or 480V
8 – Not available with Dual Driver option
9 – Only available in Size 1 housing, up to 105 Watts
10 – Some voltage restrictions may apply when combined with controls
11 – At least one SCPREMOTE required to program SCP motion sensor. Must select 8ft or 40ft.
12 - Please refer to page 8 for AutoDim ordering guide

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VIPER Area/Site

VIPER LUMINAIRE

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

ORDERING GUIDE (CONT'D)

CATALOG # _____

Accessory Type		Size		Option		Color	
SHD	House Side Shield	1	Size 1	HSS-90-B	House Side Shield 90° Back	BLS	Black Gloss Smooth
		2	Size 2	HSS-90-F	House Side Shield 90° Front	BLT	Black Matte Textured
		3	Size 3	HSS-90-S	House Side Shield 90° Side	DBS	Dark Bronze Gloss Smooth
		4	Size 4	HSS-270-BSS	House Side Shield 270° Back/Side/Side	DBT	Dark Bronze Matte Textured
				HSS-270-FSS	House Side Shield 270° Front/Side/Side	GTT	Graphite Matte Textured
				HSS-270-FSB	House Side Shield 270° Front/Side/Back	LGS	Light Gray Gloss Smooth
				HSS-360	House Side Shield 360°	PSS	Platinum Silver Smooth
				BC	Back Light Control	WHS	White Gloss Smooth
MTG	Mounting			A	Arm Mount for square pole/flat surface	WHT	White Matte Textured
				ASQU	Universal Arm Mount for square pole	VGT	Green Landscape Decorative
				AAU	Adjustable Arm for pole mounting	LEG	Legacy Colors
				ADU	Decorative upswept Arm	**Color Option**	
				RPA	Round Pole Adapter	CC	Custom Color
				MAF	Mast Arm Fitter for 2-3/8" OD horizontal arm		
				K	Knuckle		
				T	Trunnion		
				WB	Wall Bracket (compatible with universal arm mounts)		

Accessory Type		Option	
MSC	Miscellaneous	BIRD SPK	Bird Spike

Current Control Solutions — Accessories (Sold Separately)

NX Lighting Controls

☐ **NXOFM2-1R1D-UNV** On-fixture Module (7-pin), On / Off / Dim, Daylight Sensor with NX Radio and Bluetooth® Radio, 120–480VAC

LightGRID+ Lighting Control

☐ **WIR-RME-L** On-fixture Module (7-pin or 5-pin), On / Off / Dim, Daylight Sensor with LightGRID+ Radio, 110–480VAC

☐ **SCP-REMOTE** Remote Control for SCP/_F option. Order at least one per project to program and control the occupancy sensor

For additional information related to these accessories please visit currentlighting.com/beacon. Options provided for use with integrated sensor, please view specification sheet ordering information table for details.

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DATE: LOCATION:

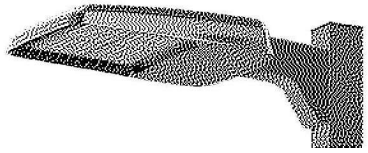
TYPE: PROJECT:

CATALOG #:

VIPER Area/Site

VIPER LUMINAIRE

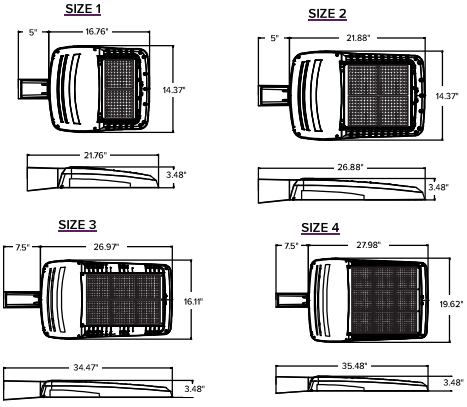
OPTICS STRIKE



FEATURES

- Low profile LED area/site luminaire with a variety of IES distributions for lighting applications such as auto dealership, retail, commercial, and campus parking lots
- Featuring Strike optics which provide the best distribution patterns for retrofit or new construction
- Rated for high vibration applications including bridges and overpasses. All sizes are rated for 1.5G
- Control options including photo control, occupancy sensing, NX Lighting Controls™, LightGRID+ and 7-Pin with networked controls
- New customizable lumen output feature allows for the wattage and lumen output to be customized in the factory to meet whatever specification requirements may entail
- Field interchangeable mounting provides additional flexibility after the fixture has shipped

c UL us IP65 IP66 IK10 DLC LISTED DLC LISTED PREMIUM ida BAA TAA



CONTROL TECHNOLOGY

NX CONNECT NX WIRED NX WIRELESS LIGHTGRID

SERVICE PROGRAMS

QS10

SPECIFICATIONS

CONSTRUCTION

- Die-cast housing with hidden vertical heat fins are optimal for heat dissipation while keeping a clean smooth outer surface
- Corrosion resistant, die-cast aluminum housing with 1000 hour powder coat paint finish
- External hardware is corrosion resistant

OPTICS

- Strike Optics (36, 72, 108, or 162 LED counts) provide best in class distributions and maximum pole spacing in new applications with high powered LEDs. Strike optics are held in place with a polycarbonate bezel to mimic the appearance of the Micro Strike Optics so both solutions can be combined on the same application. Catalog logic found on page 2
- All optics maximize target zone illumination with minimal losses at the house-side, reducing light trespass issues. Additional backlight control shields and house side shields can be added for further reduction of illumination behind the pole
- One-piece silicone gasket ensures a weatherproof seal
- Zero up-light at 0 degrees of tilt
- Field rotatable optics

INSTALLATION

- Mounting patterns for each arm can be found on page 11
- Optional universal mounting block for ease of installation during retrofit applications. Available as an option (ASQU) or accessory for square and round poles
- All mounting hardware included

INSTALLATION (CONTINUED)

- Knuckle arm fitter option available for 2-3/8" OD tenon
- For products with EPA less than 1 mounted to a pole greater that 20ft, a vibration damper is recommended

ELECTRICAL

- Universal 120-277 VAC or 347-480 VAC input voltage, 50/60 Hz
- Ambient operating temperature -40˚C to 40˚C
- Drivers have greater than 90% power factor and less than 20% THD
- LED drivers have output power over-voltage, over-current protection and short circuit protection with auto recovery
- Field replaceable surge protection device provides 20kA protection meeting ANSI/ IEEE C62.41.2 Category C High and Surge Location Category C3; Automatically takes fixture off-line for protection when device is compromised
- Dual Driver option provides 2 drivers within luminaire but only one set of leads exiting the luminaire, where Dual Power Feed provides two drivers which can be wired independently as two sets of leads are extended from the luminaire. Both options cannot be combined

CONTROLS

- Photo control, occupancy sensor programmable controls, and Zigbee wireless controls available for complete on/off and dimming control
- Please consult brand or sales representative when combining control and electrical options as some combinations may not operate as anticipated depending on your application
- 7-pin ANSI C136.41-2013 photocontrol receptacle option available for twist lock photocontrols or wireless control modules (control accessories sold separately)
- 0-10V Dimming Drivers are standard. Select CD option to have dimming leads extended outside the luminaire. Must specify if wiring leads are to be greater than the 6" standard.

	EPA				
	VP1 (Size 1)	VP2 (Size 2)	VP3 (Size 3)	VP4 (Size 4)	Config.
Single Fixture	0.454	0.555	0.655	0.698	
Two at 180	0.908	1.110	1.310	1.396	
Two at 90	0.583	0.711	0.857	0.948	
Three at 90	1.037	1.266	1.512	1.646	
Three at 120	0.943	1.155	1.392	1.680	
Four at 90	1.166	1.422	1.714	1.896	

CONTROLS (CONTINUED)

- NX Lighting Controls™ available with in fixture wireless control module, features dimming and occupancy sensor
- LightGRID+ available with in fixture wireless control module, features dimming and occupancy sensor. Also available in 7-pin configuration

CERTIFICATIONS

- DLC® (DesignLights Consortium Qualified), with some Premium Qualified configurations. Not all product variations listed in this document are DLC® qualified. Refer to http://www.designlights.org for the most up-to-date list.
- Listed to UL1598 and CSA C22.2#250.0-24 for wet locations and 40˚C ambient temperatures
- 1.5 G rated for ANSI C136.31 high vibration applications
- Fixture is IP65 rated with Strike optics
- Meets IDA recommendations using 3K CCT configuration at 0 degrees of tilt
- This product meets federal procurement law requirements under the Buy American Act (FAR 52.225-9) and Trade Agreements Act (FAR 52.225-11). See Buy America(n) Solutions (link to https://www.currentlighting.com/resources/america-solutions).
- FCC CFR Title 47 Part 15, Class A

WARRANTY

- 5 year warranty

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DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

VIPER Area/Site

VIPER LUMINAIRE

STRIKE OPTIC – ORDERING GUIDE

Example: VP–ST–1–36L-39–3K7–2–UNV–A–BLT

CATALOG #

VP –

Series	
VP	Viper

– | Optic Platform | |
|---|---|
| **ST** | Strike |

– | Size | |
|---|---|
| **1** | Size 1 |
| **2** | Size 2 |
| **3** | Size 3 |
| **4** | Size 4 |

– | Light Engine | |
|---|---|
| **36L-39** [8] | 5500 lumens |
| **36L-55** [8] | 7500 lumens |
| **36L-85** | 10000 lumens |
| **36L-105** | 12500 lumens |
| **36L-120** | 14000 lumens |
| **72L-115** | 15000 lumens |
| **72L-145** | 18000 lumens |
| **72L-180** | 21000 lumens |
| **72L-210** | 24000 lumens |
| **72L-240** | 27000 lumens |
| **108L-215** [8] | 27000 lumens |
| **108L-250** | 30000 lumens |
| **108L-280** | 33000 lumens |
| **108L-325** | 36000 lumens |
| **108L-365** | 40000 lumens |
| **162L-320** | 40000 lumens |
| **162L-365** [10] | 44000 lumens |
| **162L-405** | 48000 lumens |
| **162L-445** | 52000 lumens |
| **162L-485** | 55000 lumens |
| **162L-545** [8] | 60000 lumens |
| **CLO** | Custom Lumen Output [1] |

– | CCT/CRI | |
|---|---|
| **27K8** | 2700K, 80 CRI |
| **3K7** | 3000K, 70 CRI |
| **3K8** | 3000K, 80 CRI |
| **3K9** | 3000K, 90 CRI |
| **35K8** | 3500K, 80 CRI |
| **4K7** | 4000K, 70 CRI |
| **4K8** | 4000K, 80 CRI |
| **4K9** | 4000K, 90 CRI |
| **5K7** | 5000K, 70 CRI |
| **5K8** | 5000K, 80 CRI |

– | Distribution | |
|---|---|
| **FR** | Auto Front Row |
| **2** | Type 2 |
| **3** | Type 3 |
| **4F** | Type 4 Forward |
| **4W** | Type 4 Wide |
| **5QN** | Type 5 Square Narrow |
| **5QW** | Type 5 Square Wide |
| **5QM** | Type 5 Square Medium |
| **5W** | Type 5 Wide (Round) |
| **5RW** | Type 5 Rectangular |
| **C** | Corner Optic |
| **TC** | Tennis Court Optic |

– | Optic Rotation | |
|---|---|
| **BLANK** | **No Rotation** |
| **L** | Optic rotation left |
| **R** | Optic rotation right |

– | Voltage | |
|---|---|
| **UNV** | 120-277V |
| **120** | 120V |
| **208** | 208V |
| **240** | 240V |
| **277** | 277V |
| **347** | 347V |
| **480** | 480V |

– | Mounting | |
|---|---|
| **A** | Arm mount for square pole/flat surface |
| **A_** | Arm mount for round pole [3] |
| **ASQU** | Universal arm mount for square pole |
| **A_U** | Universal arm mount for round pole [3] |
| **AAU** | Adjustable arm for pole mounting (universal drill pattern) |
| **AA_U** | Adjustable arm mount for round pole [3] |
| **ADU** | Decorative upswept Arm (universal drill pattern) |
| **AD_U** | Decorative upswept arm mount for round pole [3] |
| **MAF** | Mast arm fitter for 2-3/8" OD horizontal arm |
| **K** | Knuckle |
| **T** | Trunnion |
| **WB** | Wall Bracket, horizontal tenon with MAF |
| **WM** | Wall mount bracket with decorative upswept arm |
| **WA** | Wall mount bracket with adjustable arm |

– | Color | |
|---|---|
| **BLT** | Black Matte Textured |
| **BLS** | Black Gloss Smooth |
| **DBT** | Dark Bronze Matte Textured |
| **DBS** | Dark Bronze Gloss Smooth |
| **GTT** | Graphite Matte Textured |
| **LGS** | Light Grey Gloss Smooth |
| **LGT** | Light Grey Gloss Textured |
| **PSS** | Platinum Silver Smooth |
| **WHT** | White Matte Textured |
| **WHS** | White Gloss Smooth |
| **VGT** | Verde Green Textured |

Color Option	
CC	Custom Color

– | Options | |
|---|---|
| **F** | Fusing |
| **E** | Battery Backup [1,2,7,8,9] |
| **2PF** | Dual Power Feed |
| **2DR** | Dual Driver |
| **TE** | Tooless Entry |
| **BC** | Backlight Control |
| **TB** | Terminal Block |
| **CD** | Customer Dimming |

Network Control Options	
NXWS16F	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [1,4,5]
NXWS40F	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [1,4,5]
NXW	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor [4,5]
WIR	LightGRID+ In-Fixture Module [4,5]
WIRSC	LightGRID+ Module and Occupancy Sensor [4,5]
Stand Alone Sensors	
BTS-14F	Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
BTS-40F	Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming® Photocell and 360° Lens
BTSO-12F	Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
7PR	7-Pin Receptacle [4]
7PR-SC	7-Pin Receptacle with shorting cap [4]
7PR-TL	7-Pin PCR with photocontrol
3PR	3-Pin twist lock [4]
3PR-SC	3-Pin receptacle with shorting cap [4]
3PR-TL	3-Pin PCR with photocontrol [4]
Programmed Controls	
SCP-_F	Sensor Control Programmable, 8F or 40F [11]
ADD	AutoDim Timer Based Dimming [12]
ADT	AutoDim Time of Day Dimming [12]

1 – Items with a grey background can be done as a custom order. Contact brand representative for more information
2 – Battery temperature rating -20C to 55C
3 – Replace "_" with "3" for 2.75"-4.13" OD pole, "4" for 4.18"-5.25" OD pole, "5" for 5.5"-6.5" OD pole
4 – Networked Controls cannot be combined with other control options
5 – Not available with 2PF option
6 – Not available with 480V
7 – Not available with 347 or 480V
8 – Not available with Dual Driver option
9 – Only available in Size 1 housing, up to 105 Watts
10 – Some voltage restrictions may apply when combined with controls
11 – At least one SCPREMOTE required to program SCP motion sensor. Must select 8ft or 40ft.
12 - Please refer to page 8 for AutoDim ordering guide

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VIPER Area/Site

VIPER LUMINAIRE

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

ORDERING GUIDE (CONT'D)

CATALOG # _____

Accessory Type		Size		Option		Color	
SHD	House Side Shield	1	Size 1	HSS-90-B	House Side Shield 90° Back	BLS	Black Gloss Smooth
		2	Size 2	HSS-90-F	House Side Shield 90° Front	BLT	Black Matte Textured
		3	Size 3	HSS-90-S	House Side Shield 90° Side	DBS	Dark Bronze Gloss Smooth
		4	Size 4	HSS-270-BSS	House Side Shield 270° Back/Side/Side	DBT	Dark Bronze Matte Textured
				HSS-270-FSS	House Side Shield 270° Front/Side/Side	GTT	Graphite Matte Textured
				HSS-270-FSB	House Side Shield 270° Front/Side/Back	LGS	Light Gray Gloss Smooth
				HSS-360	House Side Shield 360°	PSS	Platinum Silver Smooth
				BC	Back Light Control	WHS	White Gloss Smooth
MTG	Mounting			A	Arm Mount for square pole/flat surface	WHT	White Matte Textured
				ASQU	Universal Arm Mount for square pole	VGT	Green Landscape Decorative
				AAU	Adjustable Arm for pole mounting	LEG	Legacy Colors
				ADU	Decorative upswept Arm	**Color Option**	
				RPA	Round Pole Adapter	CC	Custom Color
				MAF	Mast Arm Fitter for 2-3/8" OD horizontal arm		
				K	Knuckle		
				T	Trunnion		
				WB	Wall Bracket (compatible with universal arm mounts)		

Accessory Type		Option	
MSC	Miscellaneous	BIRD SPK	Bird Spike

Current Control Solutions — Accessories (Sold Separately)

NX Lighting Controls

☐ **NXOFM2-1R1D-UNV** On-fixture Module (7-pin), On / Off / Dim, Daylight Sensor with NX Radio and Bluetooth® Radio, 120–480VAC

LightGRID+ Lighting Control

☐ **WIR-RME-L** On-fixture Module (7-pin or 5-pin), On / Off / Dim, Daylight Sensor with LightGRID+ Radio, 110–480VAC

☐ **SCP-REMOTE** Remote Control for SCP/_F option. Order at least one per project to program and control the occupancy sensor

For additional information related to these accessories please visit currentlighting.com/beacon. Options provided for use with integrated sensor, please view specification sheet ordering information table for details.

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DATE: LOCATION:

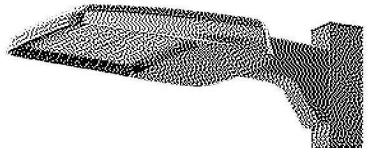
TYPE: PROJECT:

CATALOG #:

VIPER Area/Site

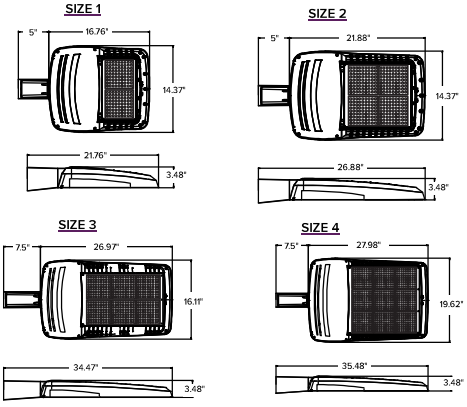
VIPER LUMINAIRE

OPTICS
STRIKE



FEATURES

- Low profile LED area/site luminaire with a variety of IES distributions for lighting applications such as auto dealership, retail, commercial, and campus parking lots
- Featuring Strike optics which provide the best distribution patterns for retrofit or new construction
- Rated for high vibration applications including bridges and overpasses. All sizes are rated for 1.5G
- Control options including photo control, occupancy sensing, NX Lighting Controls™, LightGRID+ and 7-Pin with networked controls
- New customizable lumen output feature allows for the wattage and lumen output to be customized in the factory to meet whatever specification requirements may entail
- Field interchangeable mounting provides additional flexibility after the fixture has shipped



c UL us IP65 IP66 IK10 DLC LISTED DLC LISTED PREMIUM ida BAA TAA

CONTROL TECHNOLOGY

CONNECT WIRED WIRELESS LIGHTGRID

SERVICE PROGRAMS

QS10

SPECIFICATIONS

CONSTRUCTION

- Die-cast housing with hidden vertical heat fins are optimal for heat dissipation while keeping a clean smooth outer surface
- Corrosion resistant, die-cast aluminum housing with 1000 hour powder coat paint finish
- External hardware is corrosion resistant

OPTICS

- Strike Optics (36, 72, 108, or 162 LED counts) provide best in class distributions and maximum pole spacing in new applications with high powered LEDs. Strike optics are held in place with a polycarbonate bezel to mimic the appearance of the Micro Strike Optics so both solutions can be combined on the same application. Catalog logic found on page 2
- All optics maximize target zone illumination with minimal losses at the house-side, reducing light trespass issues. Additional backlight control shields and house side shields can be added for further reduction of illumination behind the pole
- One-piece silicone gasket ensures a weatherproof seal
- Zero up-light at 0 degrees of tilt
- Field rotatable optics

INSTALLATION

- Mounting patterns for each arm can be found on page 11
- Optional universal mounting block for ease of installation during retrofit applications. Available as an option (ASQU) or accessory for square and round poles
- All mounting hardware included

INSTALLATION (CONTINUED)

- Knuckle arm fitter option available for 2-3/8" OD tenon
- For products with EPA less than 1 mounted to a pole greater that 20ft, a vibration damper is recommended

ELECTRICAL

- Universal 120-277 VAC or 347-480 VAC input voltage, 50/60 Hz
- Ambient operating temperature -40˚C to 40˚C
- Drivers have greater than 90% power factor and less than 20% THD
- LED drivers have output power over-voltage, over-current protection and short circuit protection with auto recovery
- Field replaceable surge protection device provides 20kA protection meeting ANSI/ IEEE C62.41.2 Category C High and Surge Location Category C3; Automatically takes fixture off-line for protection when device is compromised
- Dual Driver option provides 2 drivers within luminaire but only one set of leads exiting the luminaire, where Dual Power Feed provides two drivers which can be wired independently as two sets of leads are extended from the luminaire. Both options cannot be combined

CONTROLS

- Photo control, occupancy sensor programmable controls, and Zigbee wireless controls available for complete on/off and dimming control
- Please consult brand or sales representative when combining control and electrical options as some combinations may not operate as anticipated depending on your application
- 7-pin ANSI C136.41-2013 photocontrol receptacle option available for twist lock photocontrols or wireless control modules (control accessories sold separately)
- 0-10V Dimming Drivers are standard. Select CD option to have dimming leads extended outside the luminaire. Must specify if wiring leads are to be greater than the 6" standard.

	EPA				
	VP1 (Size 1)	VP2 (Size 2)	VP3 (Size 3)	VP4 (Size 4)	Config.
Single Fixture	0.454	0.555	0.655	0.698	
Two at 180	0.908	1.110	1.310	1.396	
Two at 90	0.583	0.711	0.857	0.948	
Three at 90	1.037	1.266	1.512	1.646	
Three at 120	0.943	1.155	1.392	1.680	
Four at 90	1.166	1.422	1.714	1.896	

CONTROLS (CONTINUED)

- NX Lighting Controls™ available with in fixture wireless control module, features dimming and occupancy sensor
- LightGRID+ available with in fixture wireless control module, features dimming and occupancy sensor. Also available in 7-pin configuration

CERTIFICATIONS

- DLC® (DesignLights Consortium Qualified), with some Premium Qualified configurations. Not all product variations listed in this document are DLC® qualified. Refer to http://www.designlights.org for the most up-to-date list.
- Listed to UL1598 and CSA C22.2#250.0-24 for wet locations and 40˚C ambient temperatures
- 1.5 G rated for ANSI C136.31 high vibration applications
- Fixture is IP65 rated with Strike optics
- Meets IDA recommendations using 3K CCT configuration at 0 degrees of tilt
- This product meets federal procurement law requirements under the Buy American Act (FAR 52.225-9) and Trade Agreements Act (FAR 52.225-11). See Buy America(n) Solutions (link to https://www.currentlighting.com/resources/america-solutions).
- FCC CFR Title 47 Part 15, Class A

WARRANTY

- 5 year warranty

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VIPER Area/Site

VIPER LUMINAIRE

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

STRIKE OPTIC – ORDERING GUIDE

Example: VP–ST–1–36L-39–3K7–2–UNV–A–BLT

CATALOG # VP – ____ – ____ – ____ – ____ – ____ – ____ – ____ – ____

Series	Optic Platform	Size	Light Engine	CCT/CRI	Distribution	Optic Rotation	Voltage
VP Viper	**ST** Strike	**1** Size 1	**36L-39** [8] 5500 lumens	**27K8** 2700K, 80 CRI	**FR** Auto Front Row	**BLANK** No Rotation	**UNV** 120-277V
			36L-55 [8] 7500 lumens	**3K7** 3000K, 70 CRI	**2** Type 2	**L** Optic rotation left	**120** 120V
			36L-85 10000 lumens	**3K8** 3000K, 80 CRI	**3** Type 3	**R** Optic rotation right	**208** 208V
			36L-105 12500 lumens	**3K9** 3000K, 90 CRI	**4F** Type 4 Forward		**240** 240V
			36L-120 14000 lumens	**35K8** 3500K, 80 CRI	**4W** Type 4 Wide		**277** 277V
		2 Size 2	**72L-115** 15000 lumens	**4K7** 4000K, 70 CRI	**5QN** Type 5 Square Narrow		**347** 347V
			72L-145 18000 lumens	**4K8** 4000K, 80 CRI	**5QW** Type 5 Square Wide		**480** 480V
			72L-180 21000 lumens	**4K9** 4000K, 90 CRI	**5QM** Type 5 Square Medium		
			72L-210 24000 lumens	**5K7** 5000K, 70 CRI	**5W** Type 5 Wide (Round)		
			72L-240 27000 lumens	**5K8** 5000K, 80 CRI	**5RW** Type 5 Rectangular		
		3 Size 3	**108L-215** [8] 27000 lumens		**C** Corner Optic		
			108L-250 30000 lumens		**TC** Tennis Court Optic		
			108L-280 33000 lumens				
			108L-325 36000 lumens				
			108L-365 40000 lumens				
		4 Size 4	**162L-320** 40000 lumens				
			162L-365 [10] 44000 lumens				
			162L-405 48000 lumens				
			162L-445 52000 lumens				
			162L-485 55000 lumens				
			162L-545 [8] 60000 lumens				
			CLO Custom Lumen Output [1]				

Mounting		Color		Options		Network Control Options	
A	Arm mount for square pole/flat surface	**BLT**	Black Matte Textured	**F**	Fusing	**NXWS16F**	NX Networked Wireless Enabled Integral NXSMP2-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [1,4,5]
A_	Arm mount for round pole [3]	**BLS**	Black Gloss Smooth	**E**	Battery Backup [1,2,7,8,9]	**NXWS40F**	NX Networked Wireless Enabled Integral NXSMP2-HMO PIR Occupancy Sensor with Automatic Dimming Photocell and Bluetooth Programming [1,4,5]
ASQU	Universal arm mount for square pole	**DBT**	Dark Bronze Matte Textured	**2PF**	Dual Power Feed	**NXW**	NX Networked Wireless Radio Module NXRM2 and Bluetooth Programming, without Sensor [4,5]
A_U	Universal arm mount for round pole [3]	**DBS**	Dark Bronze Gloss Smooth	**2DR**	Dual Driver	**WIR**	LightGRID+ In-Fixture Module [4,5]
AAU	Adjustable arm for pole mounting (universal drill pattern)	**GTT**	Graphite Matte Textured	**TE**	Tooless Entry	**WIRSC**	LightGRID+ Module and Occupancy Sensor [4,5]
AA_U	Adjustable arm mount for round pole [3]	**LGS**	Light Grey Gloss Smooth	**BC**	Backlight Control	**Stand Alone Sensors**	
ADU	Decorative upswept Arm (universal drill pattern)	**LGT**	Light Grey Gloss Textured	**TB**	Terminal Block	**BTS-14F**	Bluetooth® Programmable, BTSMP-LMO PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
AD_U	Decorative upswept arm mount for round pole [3]	**PSS**	Platinum Silver Smooth	**CD**	Customer Dimming	**BTS-40F**	Bluetooth® Programmable, BTSMP-HMO PIR Occupancy Sensor with Automatic Dimming® Photocell and 360° Lens
MAF	Mast arm fitter for 2-3/8" OD horizontal arm	**WHT**	White Matte Textured			**BTSO-12F**	Bluetooth® Programmable, BTSMP-OMNI-O PIR Occupancy Sensor with Automatic Dimming Photocell and 360° Lens
K	Knuckle	**WHS**	White Gloss Smooth			**7PR**	7-Pin Receptacle [4]
T	Trunnion	**VGT**	Verde Green Textured			**7PR-SC**	7-Pin Receptacle with shorting cap [4]
WB	Wall Bracket, horizontal tenon with MAF	**Color Option**				**7PR-TL**	7-Pin PCR with photocontrol
WM	Wall mount bracket with decorative upswept arm	**CC**	Custom Color			**3PR**	3-Pin twist lock [4]
WA	Wall mount bracket with adjustable arm					**3PR-SC**	3-Pin receptacle with shorting cap [4]
						3PR-TL	3-Pin PCR with photocontrol [4]
						Programmed Controls	
						SCP-_F	Sensor Control Programmable, 8F or 40F [11]
						ADD	AutoDim Timer Based Dimming [12]
						ADT	AutoDim Time of Day Dimming [12]

1 – Items with a grey background can be done as a custom order. Contact brand representative for more information
2 – Battery temperature rating -20C to 55C
3 – Replace "_" with "3" for 2.75"-4.13" OD pole, "4" for 4.18"-5.25" OD pole, "5" for 5.5"-6.5" OD pole
4 – Networked Controls cannot be combined with other control options
5 – Not available with 2PF option
6 – Not available with 480V
7 – Not available with 347 or 480V
8 – Not available with Dual Driver option
9 – Only available in Size 1 housing, up to 105 Watts
10 – Some voltage restrictions may apply when combined with controls
11 – At least one SCPREMOTE required to program SCP motion sensor. Must select 8ft or 40ft.
12 - Please refer to page 8 for AutoDim ordering guide

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VIPER Area/Site

VIPER LUMINAIRE

DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

ORDERING GUIDE (CONT'D)

CATALOG # _____ – _____ – _____ – _____

Accessory Type	
SHD	House Side Shield
MTG	Mounting

Size	
1	Size 1
2	Size 2
3	Size 3
4	Size 4

Option	
HSS-90-B	House Side Shield 90° Back
HSS-90-F	House Side Shield 90° Front
HSS-90-S	House Side Shield 90° Side
HSS-270-BSS	House Side Shield 270° Back/Side/Side
HSS-270-FSS	House Side Shield 270° Front/Side/Side
HSS-270-FSB	House Side Shield 270° Front/Side/Back
HSS-360	House Side Shield 360°
BC	Back Light Control
A	Arm Mount for square pole/flat surface
ASQU	Universal Arm Mount for square pole
AAU	Adjustable Arm for pole mounting
ADU	Decorative upswept Arm
RPA	Round Pole Adapter
MAF	Mast Arm Fitter for 2-3/8" OD horizontal arm
K	Knuckle
T	Trunnion
WB	Wall Bracket (compatible with universal arm mounts)

Color	
BLS	Black Gloss Smooth
BLT	Black Matte Textured
DBS	Dark Bronze Gloss Smooth
DBT	Dark Bronze Matte Textured
GTT	Graphite Matte Textured
LGS	Light Gray Gloss Smooth
PSS	Platinum Silver Smooth
WHS	White Gloss Smooth
WHT	White Matte Textured
VGT	Green Landscape Decorative
LEG	Legacy Colors
Color Option	
CC	Custom Color

Accessory Type	
MSC	Miscellaneous

Option	
BIRD SPK	Bird Spike

Current Control Solutions — Accessories (Sold Separately)

NX Lighting Controls

☐ **NXOFM2-1R1D-UNV** On-fixture Module (7-pin), On / Off / Dim, Daylight Sensor with NX Radio and Bluetooth® Radio, 120–480VAC

LightGRID+ Lighting Control

☐ **WIR-RME-L** On-fixture Module (7-pin or 5-pin), On / Off / Dim, Daylight Sensor with LightGRID+ Radio, 110–480VAC

☐ **SCP-REMOTE** Remote Control for SCP/_F option. Order at least one per project to program and control the occupancy sensor

For additional information related to these accessories please visit currentlighting.com/beacon. Options provided for use with integrated sensor, please view specification sheet ordering information table for details.

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Catalog # : _____ Project : _____ Type : _____

Prepared By : _____ Date : _____

V-Locity® Small (VALS)

Outdoor LED Area Light

IN THE USA · cULus LISTED · TITLE 24 COMPLIANT · DLC LISTED PREMIUM · RoHS COMPLIANT · IP66 IK07



OVERVIEW	
Lumen Package	6,000 - 27,000
Wattage Range	36 - 178
Efficacy Range (LPW)	96 - 171
Weight lbs(kg)	20 (9.1)
Control Options	IMSBT, ALB, ALS, 7-Pin, PCI

QUICK LINKS

FEATURES & SPECIFICATIONS

Construction

- Rugged die-cast aluminum housing contains factory prewired driver and optical units. Cast aluminum wiring access door located underneath.
- Self-contained optic, board and heat sink assembly can be rotated or replaced in the field.
- Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Other standard LSI finishes available. Consult factory.
- Shipping weight: TBD lbs in carton.

Optical System

- State-of-the-Art acrylic optics delivers industry leading optical control with an integrated gasket to provide IP66 rated seal.
- Proprietary refractor optics provide exceptional coverage and uniformity in distribution types 2, 2M, 3M, 3W, 4M, 4W, 4F, FTM, 5QN, 5QM, 5Q, 5QW, AFR, AM, WF, and LC/RC.
- Available in 5000K, 4000K, 3500K, 3000K and 2700K color temperatures per ANSI C78.377 as well as phosphor converted amber.
- Minimum CRI of 80 (optional 70 CRI for 5000K, 4000K, and 3000K).
- Factory or field installable integral shielding available for enhanced spill light control.
- Zero Uplight (excludes adjustable arms).

Electrical

- High-performance driver features over-voltage, under voltage, short-circuit and over temperature protection.
- 0-10 volt dimming (10% - 100%) standard, must specify EXT option for dimming leads to be extended to fixture exterior.
- Standard Universal Voltage (120-277 VAC) Input 50/60 Hz or optional High Voltage (347-480 VAC).
- L70 Calculated Life: >60k Hours
- Total harmonic distortion: <20%
- Operating temperature: -40°C to +50°C (-40°F to +122°F).
- Power factor: >.90
- Input power stays constant over life.
- Field replaceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).
- High-efficacy LEDs mounted to metal-core circuit board to maximize heat dissipation
- Driver is fully encased in potting material for moisture resistance and complies with FCC standards. Driver and key electronic components can easily be accessed.

Controls

- Optional integral passive infrared Bluetooth™ motion and photocell sensor. Fixtures operate independently and can be commissioned via iOS or Android configuration app.
- AirLink™ Blue wireless control system with technology partner Silvair incorporates Luminaire Level Lighting Controls (LLLC) and high-end trim

Installation

- REDiMount pole mount arm allows for a true one person installation.
- Side arm pole mount designed to mount to square or round poles.
- Pole mount arms can accommodate pole drill patterns from 2.4 to 5" on center and utilize LSI's reduced B3 or traditional B5 drill patterns.
- Additional mounting options are available including a mast arm or adjustable slip fitter that allow for luminaire attachment to a 2 3/8" tenon or mast arm.
- Adjustable arms allow for 65° of tilt (-5°below horizontal to +60° above horizontal) in 5° increments.

Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to https://www.lsicorp.com/resources/terms-conditions-warranty/ for more information.

Listings

- Listed to UL 1598 and UL 8750.
- Meets Buy American Act requirements.
- DarkSky approved with 3000K or warmer color temperature selection and fixed mounting arms / non-adjustable brackets.
- Title 24 Compliant; see local ordinance for qualification information.
- Suitable for wet locations.
- IP66 rated Luminaire per IEC 60598-1.
- 3G rated for ANSI C136.31 high vibration applications are qualified.
- IK07 rated luminaire per IEC 66262 mechanical impact code.

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Submitted by Diversified			
Diversified	**Job Name:** ELIZABETHTOWN CROSSING Engineer: RETTEW (ALLENTOWN) DLA Layout/Calcs: DIVERSIFIED Layout/ Calcs (Warminster)	**Catalog Number:** VALS-6L-4F-30K8 Notes:	**Type:** **L4F** PHI26-264927

V-Locity® Small (VALS) Outdoor LED Area Light

Type : _____

Have questions? Call us at (800) 436-7800

ORDERING GUIDE

TYPICAL ORDER EXAMPLE: VALS 18L 4W UNV 40K8 BLK SA ALBMR2LR IS

Prefix	Lumen Package	Distribution	Orientation[2]	Voltage	Color Temp /Rendering	Finish
VALS - V-Locity Area Light Small	**6L** - 6,000 lms, 36W **9L** - 9,000 lms, 54W **12L** - 12,000 lms, 74W **15L** - 15,000 lms, 91W **18L** - 18,000 lms, 111W **21L** - 21,000 lms, 130W **24L** - 24,000 lms, 155W **27L** - 27,000 lms, 178W Custom Lumen Packages[1]	**2** - Type 2 **2M** - Type 2 Medium **3M** - Type 3 Medium **3W** - Type 3 Wide **4M**- Type 4 Medium **4F** - Type 4 Forward **4W** - Type 4 Wide **FTM** - Forward Throw Medium **5QN** - Type 5 Square Narrow **5QM** - Type 5 Square Medium **5Q** - Type 5 Square **5QW** - Type 5 Square Wide **AFR** - Automotive Front Row **AM**- Automotive Merchandise **WF** - 6x6 Wide Flood **LC** - Left Corner **RC** - Right Corner	**(Blank)** - Standard **L**- Optics rotated left 90° **R** - Optics rotated right 90°	**UNV** - Universal Voltage (120-277V) **HV** - High Voltage (347-480V)	**50K7**- 5000 CCT - 70 CRI **50K8**- 5000 CCT - 80 CRI **40K7** - 4000 CCT - 70 CRI **40K8**- 4000 CCT - 80 CRI **35K8**- 3500 CCT - 80 CRI *DarkSky Approved CCT's* **30K7**- 3000 CCT - 70 CRI **30K8** - 3000 CCT - 80 CRI **27K8** - 2700 CCT - 80 CRI	**BLK** - Black **BRZ** - Dark Bronze **GMG** - Gun Metal Gray **GPT** - Graphite **MSV** - Metallic Silver **PLP** - Platinum Plus **SVG** - Satin Verde Green **WHT** - White

Mounting	Controls (Choose One)		Options
SA - Universal Side Arm Pole Mount **SF** - Adjustable Slip Fitter **UA**- Universal Adjustable Pole Mount Arm **MA** - Mast Arm	**(Blank)** - None **Wireless Controls System** **ALSC** - AirLink Synapse Control System **ALSCS2** - AirLink Synapse Control System with 12-20' MH Motion Sensor **ALSCS4** - AirLink Synapse Control System with 20-40' MH Motion Sensor **ALBMR1LR** - AirLink Blue Long Range Wireless Multi-Range Sensor Controller (8-15' MH)[4] **ALBMR2LR** - AirLink Blue Long Range Wireless Multi-Range Sensor Controller (16-40' MH)[4]	**Stand-Alone Controls** **EXT** - 0-10v Dimming leads extended to housing exterior **CR7P** - 7 Pin Control Receptade ANSI C136.41[3] **IMSBTL1** - Integral Bluetooth™ Motion and Photocell Sensor (8-24' MH)[4] **IMSBTL2** - Integral Bluetooth™ Motion and Photocell Sensor (25-40' MH)[4] **PCIU** - 120-277 Button Photocell **PCI347** - 347V Button Photocell	**IS** - Integral Shield[2] **TE** - Tooless Entry (Mast Arm Only)

Need more information?
Click here for our glossary

Have additional questions?
Call us at (800) 436-7800

Accessory Ordering Information[5]

CONTROLS ACCESSORIES	
Description	**Order Number**
Twist Lock Photocell (120V) for use with CR7P	**122514**
Twist Lock Photocell (208-277) for use with CR7P	**122515**
Twist Lock Photocell (347V) for use with CR7P	**159516**
Twist Lock Photocell (480V) for use with CR7P	**1225180**
Universal Side Arm Pole Mount with CR7P	**911615CLR**[3,6]
AirLink 7 Pin Twist Lock Controller	**661410**
Shorting Cap for use with CR7P	**149328**
Adjustable Output Module	**734263**

FUSING OPTIONS[7]	
Description	**Order Number**
Single Fusing (120V)	See Fusing Accessory Guide
Single Fusing (277V)	
Double Fusing (208V, 240V)	
Double Fusing (480V)	
Double Fusing (347V)	

EXTERNAL SHIELDING OPTIONS	
Description	**Order Number**
1.5" External Shield	
3" External Shield	

1. Custom lumen and wattage packages available, consult factory. Values are within industry standard tolerances but not DLC listed.
2. Not available on Type 5 or wide flood distributions.
3. Control device or shorting cap must be ordered separately. See Accessory Ordering Information.
4. Motion sensors are field configurable via the LSI app that can be downloaded from your smartphone's native app store.
5. Accessories are shipped separately and field installed.
6. "CLR" denotes finish. See Finish options.
7. Fusing must be located in hand hole of pole. See Fusing Accessory Guide for compatability.

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V-Locity® Small (VALS) Outdoor LED Area Light

Type : _____

Have questions? Call us at (800) 436-7800

ACCESSORIES

MOUNTING ACCESSORIES

Side Arm

Bullhorn Bracket
Mounts onto a 2" (51mm) IP, 2.375" (60mm) O.D. tenon and allows for mounting up to 4 adjustable slip fitter mount luminaires
Part Number: BKS PTB 2 CLR / BKS PTB 12 CLR (2 Luminaires)
Part Number: BKS PTB 3-30 CLR / BKS PTB 13-30 CLR (3 Luminaires)
Part Number: BKS PTB 4 CLR / BKS PTB 14 CLR (4 Luminaires)



Flood Wall Mount Bracket
Mounts onto vertical wall surface (hardware/anchors not included)
Part Number: BKS FMW 5 CLR (5" Straight Version)
Part Number: BKS FMW 18 CLR (18" Curved Version)



Bolt on Side Tenon Mount
Bolt on Side Tenon Mount
Part Number: BKSFBO 5 CLR (5" Straight Version)
Part Number: BKSFBO 18 CLR (18" Curved Version)
Part Number: BKSFBO 30 CLR (30" Dual Tenon Version)



Tenon / Slipfitter

Square Tenon Top
Allows to seamlessly integrate LSI luminaires to open top 4", 5" or 6" square poles with 11 ga. Or 7 ga. wall thickness
Part Number: BKA ISF_SQ 2S CLR



Square Tenon Top
Mounts onto a 2" (51mm) IP, 2.375" (60mm) O.D. tenon and allows for mounting up to 4 luminaires
Part Number: BKA XNM *



Square Internal Slipfitter
Mounts inside 4" or 5" square pole and allows for mounting up to 4 lumianires
Part Number: BKA X_ISF * CLR



Wall Mount/ Wood Pole

Wall Mount Bracket
Mounts onto vertical wall surface (hardware/anchors not included)
Part Number: BKS XBO WM CLR
Part Number: BKS B3 WM CLR *(w/Surface Conduit Entry)*



Wood Pole Bracket
Mounts onto wooden poles (6" minimum OD, hardware/anchors not inlcuded)
Part Number: BKS XBO WP CLR



SHIELDING, POLES & MISC. ACCESSORIES

Shielding

Integral Shield for Asymmetric Distributions
Field Install Integral shield provides maximum backlight control by shiedling each individual row of LEDS with minimal impact on Streett/front side distribution (includes 2 shields)
Part Number: 879644



Integral Shield for Left and Right Corner Distributions
Field install integral shield provides cutoff from two sides for maximum spill light control when utilizing LC or RC corner distributions (includes 2 shields)
Part Number: 879643



External Shield
External shield blocks view of light source from anyside of luminaire, additional shielding configurations available
Part Number: 835696 (1.5") / 835694 (3")



Poles

Square Poles
14 - 39' steel and aluminum poles in 4", 5" and 6" sizes for retrofit and new construction
Part Number: 4SQ/5SQ/6SQ



Round Poles
10 - 30' steel and aluminum poles in 4" and 5" sizes for retrofit and new construction
Part Number: 4RP/5RP



Tapered Poles
20' - 39' steel and aluminum poles for retrofit and new construction
Part Number: RTP



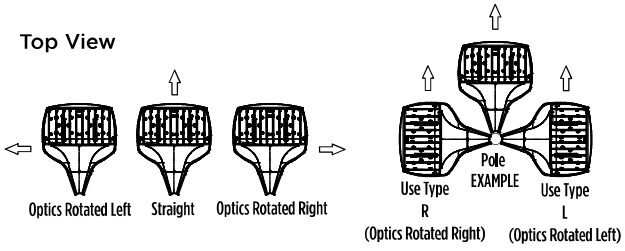
Misc.

Bird Spikes
10' linear bird spike (3' recommended per luminaire) silcone adhesive (covers approximately 25' linear fee of bird spike) and application tool
Spike Part Number: 751631
Adhesive Part Number: 751632
Caulk Gun Part Number: 751636



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3 Replace * with S (Single), D180 (Double @180°), D90 (Double @90°), T90 (Triple), Q90 (Quad)
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OPTICS ROTATION

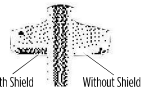


ACCESSORIES/OPTIONS

Integral Shield (IS)

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Integral Shield (IS)



Luminaire Shown with AirLink Blue Sensor Option



7 Pin Photoelectric Control

7-pin ANSI C136.41-2013 control receptacle option available for twist lock photocontrols or wireless control modules. Control accessories sold separately. Dimming leads from the receptacle will be connected to the driver dimming leads (Consult factory for alternate wiring).

Luminaire Shown with CR7P



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Submitted by Diversified			
Diversified	**Job Name:** ELIZABETHTOWN CROSSING Engineer: RETTEW (ALLENTOWN) DLA Layout/Calcs: DIVERSIFIED Layout/ Calcs (Warminster)	**Catalog Number:** VALS-6L-4F-30K8 Notes:	**Type:** **L4FA** PHI26-264927

Catalog # : _____ Project : _____ Type : _____

Prepared By : _____ Date : _____

V-Locity® Small (VALS)

Outdoor LED Area Light

IP66 IK07



OVERVIEW	
Lumen Package	6,000 - 27,000
Wattage Range	36 - 178
Efficacy Range (LPW)	96 - 171
Weight lbs(kg)	20 (9.1)
Control Options	IMSBT, ALB, ALS, 7-Pin, PCI

QUICK LINKS

FEATURES & SPECIFICATIONS

Construction

- Rugged die-cast aluminum housing contains factory prewired driver and optical units. Cast aluminum wiring access door located underneath.
- Self-contained optic, board and heat sink assembly can be rotated or replaced in the field.
- Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Other standard LSI finishes available. Consult factory.
- Shipping weight: TBD lbs in carton.

Optical System

- State-of-the-Art acrylic optics delivers industry leading optical control with an integrated gasket to provide IP66 rated seal.
- Proprietary refractor optics provide exceptional coverage and uniformity in distribution types 2, 2M, 3M, 3W, 4M, 4W, 4F, FTM, 5QN, 5QM, 5Q, 5QW, AFR, AM, WF, and LC/RC.
- Available in 5000K, 4000K, 3500K, 3000K and 2700K color temperatures per ANSI C78.377 as well as phosphor converted amber.
- Minimum CRI of 80 (optional 70 CRI for 5000K, 4000K, and 3000K).
- Factory or field installable integral shielding available for enhanced spill light control.
- Zero Uplight (excludes adjustable arms).

Electrical

- High-performance driver features over-voltage, under voltage, short-circuit and over temperature protection.
- 0-10 volt dimming (10% - 100%) standard, must specify EXT option for dimming leads to be extended to fixture exterior.
- Standard Universal Voltage (120-277 VAC) Input 50/60 Hz or optional High Voltage (347-480 VAC).
- L70 Calculated Life: >60k Hours
- Total harmonic distortion: <20%
- Operating temperature: -40°C to +50°C (-40°F to +122°F).
- Power factor: >.90
- Input power stays constant over life.
- Field replaceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).
- High-efficacy LEDs mounted to metal-core circuit board to maximize heat dissipation
- Driver is fully encased in potting material for moisture resistance and complies with FCC standards. Driver and key electronic components can easily be accessed.

Controls

- Optional integral passive infrared Bluetooth™ motion and photocell sensor. Fixtures operate independently and can be commissioned via iOS or Android configuration app.
- AirLink™ Blue wireless control system with technology partner Silvair incorporates Luminaire Level Lighting Controls (LLLC) and high-end trim

Installation

- REDiMount pole mount arm allows for a true one person installation.
- Side arm pole mount designed to mount to square or round poles.
- Pole mount arms can accommodate pole drill patterns from 2.4 to 5" on center and utilize LSI's reduced B3 or traditional B5 drill patterns.
- Additional mounting options are available including a mast arm or adjustable slip fitter that allow for luminaire attachment to a 2 3/8" tenon or mast arm.
- Adjustable arms allow for 65° of tilt (-5°below horizontal to +60° above horizontal) in 5° increments.

Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to https://www.lsicorp.com/resources/terms-conditions-warranty/ for more information.

Listings

- Listed to UL 1598 and UL 8750.
- Meets Buy American Act requirements.
- DarkSky approved with 3000K or warmer color temperature selection and fixed mounting arms / non-adjustable brackets.
- Title 24 Compliant; see local ordinance for qualification information.
- Suitable for wet locations.
- IP66 rated Luminaire per IEC 60598-1.
- 3G rated for ANSI C136.31 high vibration applications are qualified.
- IK07 rated luminaire per IEC 66262 mechanical impact code.

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V-Locity® Small (VALS) Outdoor LED Area Light

Type : _____

Have questions? Call us at (800) 436-7800

ORDERING GUIDE

TYPICAL ORDER EXAMPLE: VALS 18L 4W UNV 40K8 BLK SA ALBMR2LR IS

Prefix	Lumen Package	Distribution	Orientation[2]	Voltage	Color Temp /Rendering	Finish
VALS - V-Locity Area Light Small	**6L** - 6,000 lms, 36W	**2** - Type 2	**(Blank)** - Standard	**UNV** - Universal Voltage (120-277V)	**50K7** - 5000 CCT - 70 CRI	**BLK** - Black
	9L - 9,000 lms, 54W	**2M** - Type 2 Medium	**L** - Optics rotated left 90°	**HV** - High Voltage (347-480V)	**50K8** - 5000 CCT - 80 CRI	**BRZ** - Dark Bronze
	12L - 12,000 lms, 74W	**3M** - Type 3 Medium	**R** - Optics rotated right 90°		**40K7** - 4000 CCT - 70 CRI	**GMG** - Gun Metal Gray
	15L - 15,000 lms, 91W	**3W** - Type 3 Wide			**40K8** - 4000 CCT - 80 CRI	**GPT** - Graphite
	18L - 18,000 lms, 111W	**4M** - Type 4 Medium			**35K8** - 3500 CCT - 80 CRI	**MSV** - Metallic Silver
	21L - 21,000 lms, 130W	**4F** - Type 4 Forward			*DarkSky Approved CCT's*	**PLP** - Platinum Plus
	24L - 24,000 lms, 155W	**4W** - Type 4 Wide			**30K7** - 3000 CCT - 70 CRI	**SVG** - Satin Verde Green
	27L - 27,000 lms, 178W	**FTM** - Forward Throw Medium			**30K8** - 3000 CCT - 80 CRI	**WHT** - White
	Custom Lumen Packages[1]	**5QN** - Type 5 Square Narrow			**27K8** - 2700 CCT - 80 CRI	
		5QM - Type 5 Square Medium				
		5Q - Type 5 Square				
		5QW - Type 5 Square Wide				
		AFR - Automotive Front Row				
		AM - Automotive Merchandise				
		WF - 6x6 Wide Flood				
		LC - Left Corner				
		RC - Right Corner				

Mounting	Controls (Choose One)	Options
SA - Universal Side Arm Pole Mount **SF** - Adjustable Slip Fitter **UA** - Universal Adjustable Pole Mount Arm **MA** - Mast Arm	**(Blank)** - None **Wireless Controls System** **ALSC** - AirLink Synapse Control System **ALSCS2** - AirLink Synapse Control System with 12-20' MH Motion Sensor **ALSCS4** - AirLink Synapse Control System with 20-40' MH Motion Sensor **ALBMR1LR** - AirLink Blue Long Range Wireless Multi-Range Sensor Controller (8-15' MH)[4] **ALBMR2LR** - AirLink Blue Long Range Wireless Multi-Range Sensor Controller (16-40' MH)[4] **Stand-Alone Controls** **EXT** - 0-10v Dimming leads extended to housing exterior **CR7P** - 7 Pin Control Receptade ANSI C136.41[3] **IMSBTL1** - Integral Bluetooth™ Motion and Photocell Sensor (8-24' MH)[4] **IMSBTL2** - Integral Bluetooth™ Motion and Photocell Sensor (25-40' MH)[4] **PCIU** - 120-277 Button Photocell **PCI347** - 347V Button Photocell	**IS** - Integral Shield[2] **TE** - Tooless Entry (Mast Arm Only)

Need more information?
Click here for our glossary

Have additional questions?
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Accessory Ordering Information[5]

CONTROLS ACCESSORIES	
Description	**Order Number**
Twist Lock Photocell (120V) for use with CR7P	**122514**
Twist Lock Photocell (208-277) for use with CR7P	**122515**
Twist Lock Photocell (347V) for use with CR7P	**159516**
Twist Lock Photocell (480V) for use with CR7P	**1225180**
Universal Side Arm Pole Mount with CR7P	**911615CLR**[3,6]
AirLink 7 Pin Twist Lock Controller	**661410**
Shorting Cap for use with CR7P	**149328**
Adjustable Output Module	**734263**

FUSING OPTIONS[7]	
Description	**Order Number**
Single Fusing (120V)	See Fusing Accessory Guide
Single Fusing (277V)	
Double Fusing (208V, 240V)	
Double Fusing (480V)	
Double Fusing (347V)	

EXTERNAL SHIELDING OPTIONS	
Description	**Order Number**
1.5" External Shield	
3" External Shield	

1. Custom lumen and wattage packages available, consult factory. Values are within industry standard tolerances but not DLC listed.
2. Not available on Type 5 or wide flood distributions.
3. Control device or shorting cap must be ordered separately. See Accessory Ordering Information.
4. Motion sensors are field configurable via the LSI app that can be downloaded from your smartphone's native app store.
5. Accessories are shipped separately and field installed.
6. "CLR" denotes finish. See Finish options.
7. Fusing must be located in hand hole of pole. See Fusing Accessory Guide for compatability.

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ACCESSORIES

MOUNTING ACCESSORIES

Side Arm

Bullhorn Bracket
Mounts onto a 2" (51mm) IP, 2.375" (60mm) O.D. tenon and allows for mounting up to 4 adjustable slip fitter mount luminaires
Part Number: BKS PTB 2 CLR / BKS PTB 12 CLR (2 Luminaires)
Part Number: BKS PTB 3-30 CLR / BKS PTB 13-30 CLR (3 Luminaires)
Part Number: BKS PTB 4 CLR / BKS PTB 14 CLR (4 Luminaires)



Flood Wall Mount Bracket
Mounts onto vertical wall surface (hardware/anchors not included)
Part Number: BKS FMW 5 CLR (5" Straight Version)
Part Number: BKS FMW 18 CLR (18" Curved Version)



Bolt on Side Tenon Mount
Bolt on Side Tenon Mount
Part Number: BKSFBO 5 CLR (5" Straight Version)
Part Number: BKSFBO 18 CLR (18" Curved Version)
Part Number: BKSFBO 30 CLR (30" Dual Tenon Version)



Tenon / Slipfitter

Square Tenon Top
Allows to seamlessly integrate LSI luminaires to open top 4", 5" or 6" square poles with 11 ga. Or 7 ga. wall thickness
Part Number: BKA ISF_SQ 2S CLR



Square Tenon Top
Mounts onto a 2" (51mm) IP, 2.375" (60mm) O.D. tenon and allows for mounting up to 4 luminaires
Part Number: BKA XNM *



Square Internal Slipfitter
Mounts inside 4" or 5" square pole and allows for mounting up to 4 lumianires
Part Number: BKA X_ISF * CLR



Wall Mount/ Wood Pole

Wall Mount Bracket
Mounts onto vertical wall surface (hardware/anchors not included)
Part Number: BKS XBO WM CLR
Part Number: BKS B3 WM CLR *(w/Surface Conduit Entry)*



Wood Pole Bracket
Mounts onto wooden poles (6" minimum OD, hardware/anchors not inlcuded)
Part Number: BKS XBO WP CLR



SHIELDING, POLES & MISC. ACCESSORIES

Shielding

Integral Shield for Asymmetric Distributions
Field Install Integral shield provides maximum backlight control by shiedling each individual row of LEDS with minimal impact on Streett/front side distribution (includes 2 shields)
Part Number: 879644



Integral Shield for Left and Right Corner Distributions
Field install integral shield provides cutoff from two sides for maximum spill light control when utilizing LC or RC corner distributions (includes 2 shields)
Part Number: 879643



External Shield
External shield blocks view of light source from anyside of luminaire, additional shielding configurations available
Part Number: 835696 (1.5") / 835694 (3")



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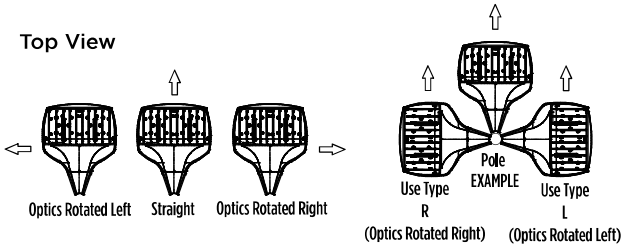
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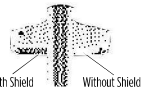


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