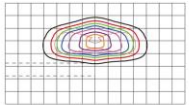
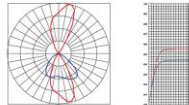
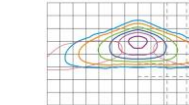
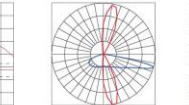
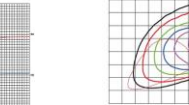
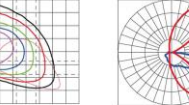
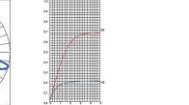
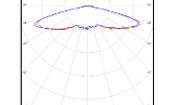
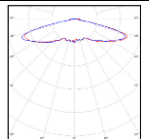


RETROFLEX PRODUCT SPECIFICATION

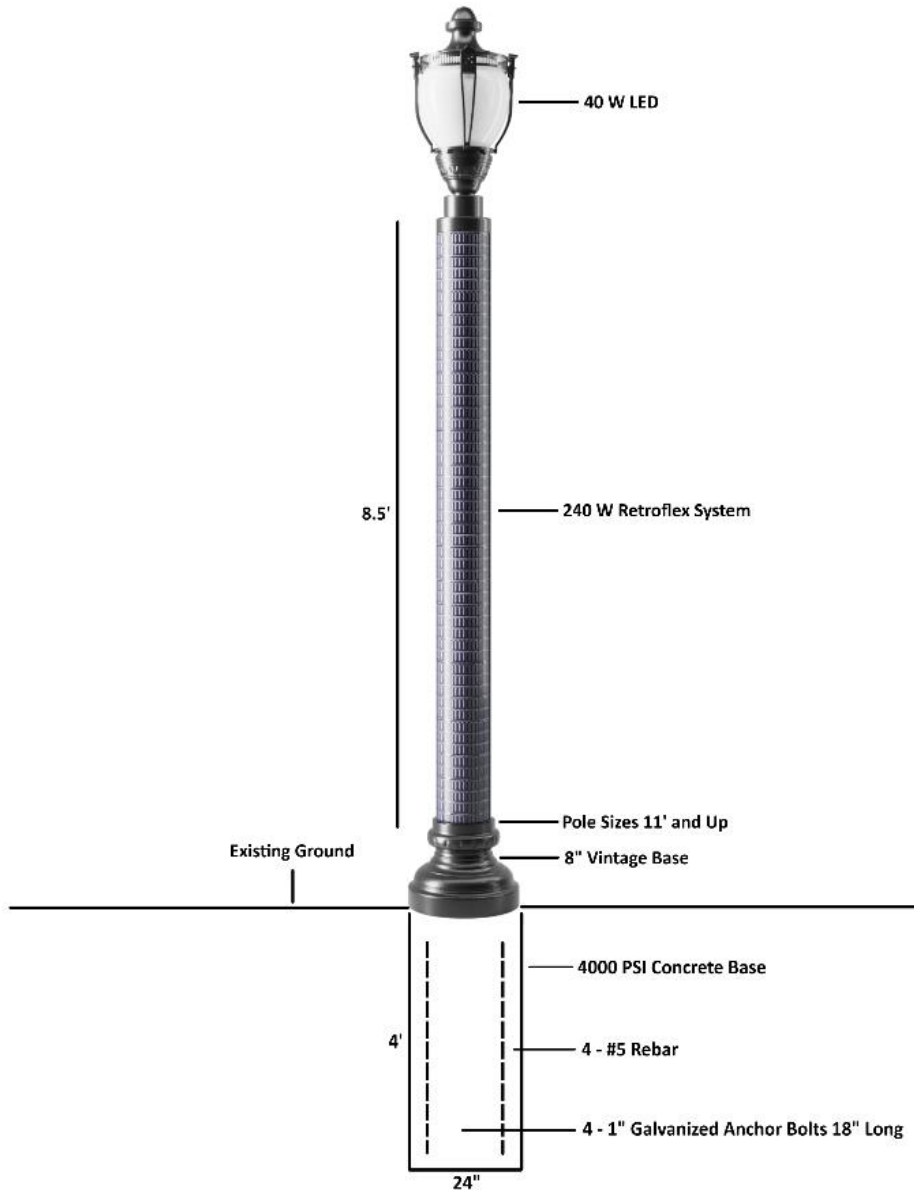
SPECIFICATIONS	SINGLE RESIDENTIAL UNITS				DOUBLE HEAD	SINGLE HEAD ROADWAY UNITS							DOUBLE HEAD ROADWAY UNITS		
MODEL #	RS240	RS260	RS320	RS400	RS400	RW240	RW260	RW320	RW400	RW540	RW620	RW700	RW480	RW520	RW780
RETROFLEX (WATTS)	240	260	320	400	400	240	260	320	400	540	620	700	240 X 2	260 X 2	780
VOLTAGE	24	24	24	24	24	24	24	24	24	24	24	24	24	24	24
BATTERY CAPACITY (AMP HOURS)	60	60	75	75	75	60	60	75	75	90	90	90	60 X 2	60 X 2	75 X 2
BATTERY PACK (12 + yr life expectancy)	LITHIUM ION	LITHIUM ION	LITHIUM ION	LITHIUM ION	LITHIUM ION	LITHIUM ION	LITHIUM ION	LITHIUM ION	LITHIUM ION	LITHIUM ION	LITHIUM ION	LITHIUM ION	2 LITHIUM ION	2 LITHIUM ION	2 LITHIUM ION
LED LIGHT (WATTS)	40	40	45	30 X 2	30 X 2	40	40	50	60	80	90	90	40 X 2	40 X 2	60 X 2
LUMENS PER WATT @ 162	6480	6480	7290	9720	9720	6480	6480	8100	9720	12960	14580	14580	12960	12960	19440
DIMENSIONS (SOLAR ARRAY)	10.66" OD X 8'6"L	10.66" OD X 8'6"L	10.66" OD X 11'1"L	10.66" OD X 14'5"L	10.66" OD X 14'5"L	10.66" OD X 8'6"L	10.66" OD X 8'6"L	10.66" OD X 11'1"L	10.66" OD X 14'5"L	10.66" OD X 18'4"L	10.66" OD X 19'L	12.3" OD X 17'L	10.66" OD X 17'L	10.66" OD X 17'L	12.3" OD X 17'L
WEIGHT (LBS)	134	144	175	200	200	134	134	175	200	268	334	230	268	268	230
EPA (SQFT)	7.55	7.55	9.84	12.8	12.8	7.55	7.55	9.84	12.8	16.28	16.872	17.425	15.096	15.096	17.425
HARDWARE	ALUM ARRAY	ALUM ARRAY	ALUM ARRAY	ALUM ARRAY	ALUM ARRAY	ALUM ARRAY	ALUM ARRAY	ALUM ARRAY	ALUM ARRAY	ALUM ARRAY	ALUM ARRAY	ALUM ARRAY	ALUM ARRAY	ALUM ARRAY	ALUM ARRAY
POLE SIZES	11" TO 14' (5" DIAMETER)		13'.5" AND UP	16' UP TO 26'	STANDARD IS 16' UP TO 26' (5" DIAMETER)					22' TO 26' (5" DIAMETER)			22' TO 26' (5" DIAMETER)		
CAP ARMS	LANTERN	LANTERN	LANTERN	LANTERN	1 STRAIGHT/TAPERED ARMS (4' TO 6')					1 STRAIGHT/TAPERED ARMS (4' TO 6')			2 STRAIGHT/TAPERED ARMS (4' TO 6')		
BASE	8",24"30"			8",24",30"	8",24",30"					8",24",30"			8",24",30"		
LIGHTING & CHARGE CONTROLLER	MPPT	MPPT	MPPT	MPPT	MPPT	MPPT	MPPT	MPPT	MPPT	MPPT	MPPT	MPPT	MPPT	MPPT	MPPT
PRODUCTION (AVERAGE)(WATT HOURS) New Orleans, Louisiana	350	380	470	585	350	380	470	585	585	790	905	1020	700	760	1140

LUMINAIRE RESIDENTIAL LED HEAD OPTIONS											BASES 8" 24" 30"	
	ACORN	ACORN W/HAT	ACORN WITH CAGE	ACORN WITH HAT & CAGE	ASTURIAS	BILBAO	LIGHT COLUMN	BRAZO	LANTERN	CONTEMPORARY	SIZES	VINTAGE

LUMINAIRE ROADWAY / COMMERCIAL LED HEAD OPTIONS						
	GOBO L	GOBO F	GOBO T	GOBO A	GAMA T	GAMA L

LUMINAIRE LIGHT OPTICS									
	T2M Type II Medium	T3L Type III Long			T4M Type IV Medium			LANTERN HEADS	
	PATHWAY/ TRAILS			ROADWAYS			PARKING LOTS		

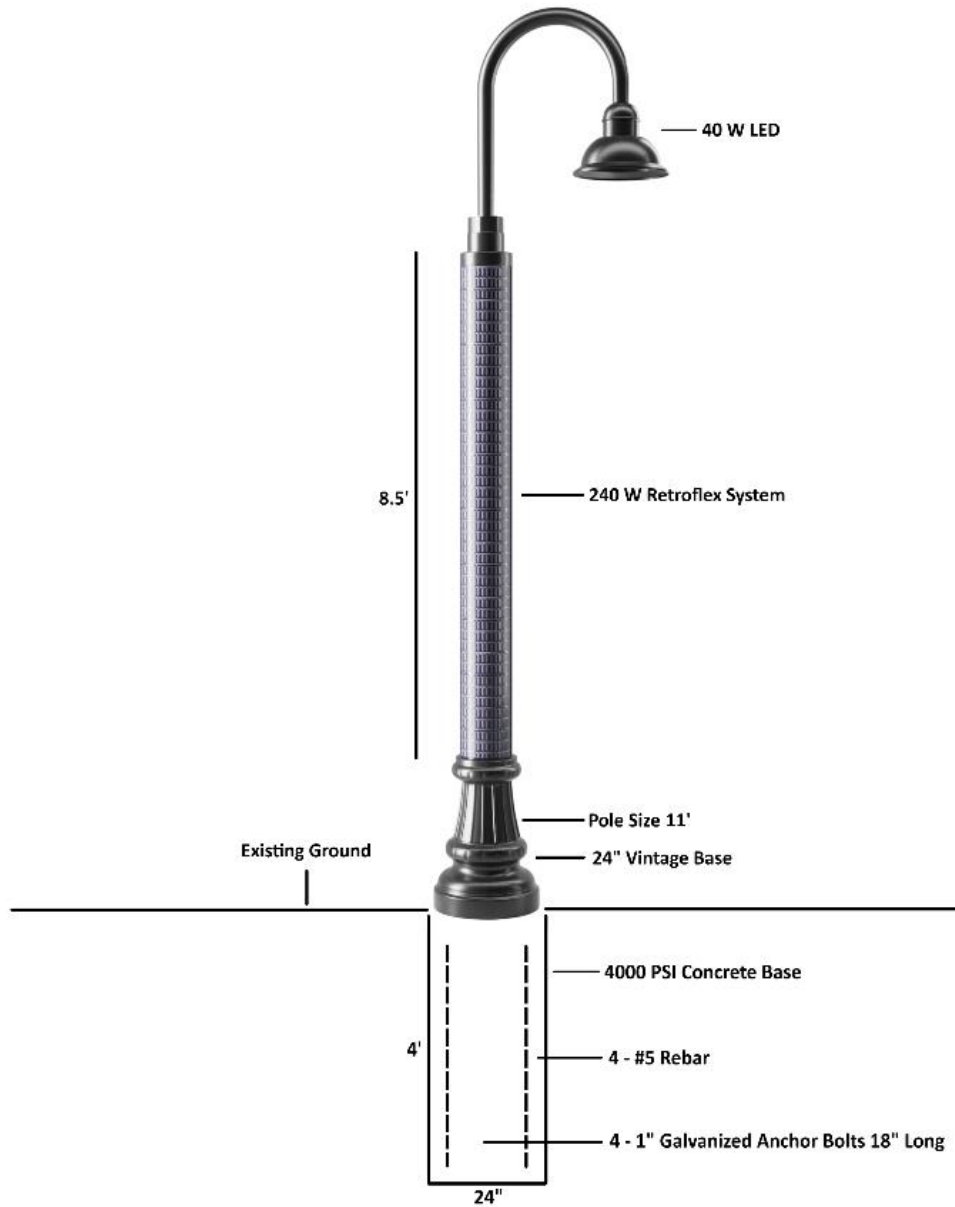
RS240 SINGLE HEAD RETROFLEX SYSTEM



COMPONENT SPECIFICATIONS RS2402460

SOLAR ARRAY	240W (8'.6" IN LENGTH) WITH ADJUSTABLE ALUMINUM ARRAY
LIGHTING	40W
BATTERY	24V - 60A LITHIUM ION 1.8KWH (12+ YEARS LIFE EXPECTANCY)
CONTROLLER	ELECTRONIC MPPT CHARGE CONTROLLER / REGULATOR
LIGHTING CONTROLS	BLUETOOTH MONITORING
EPA (SQFT)	7.55

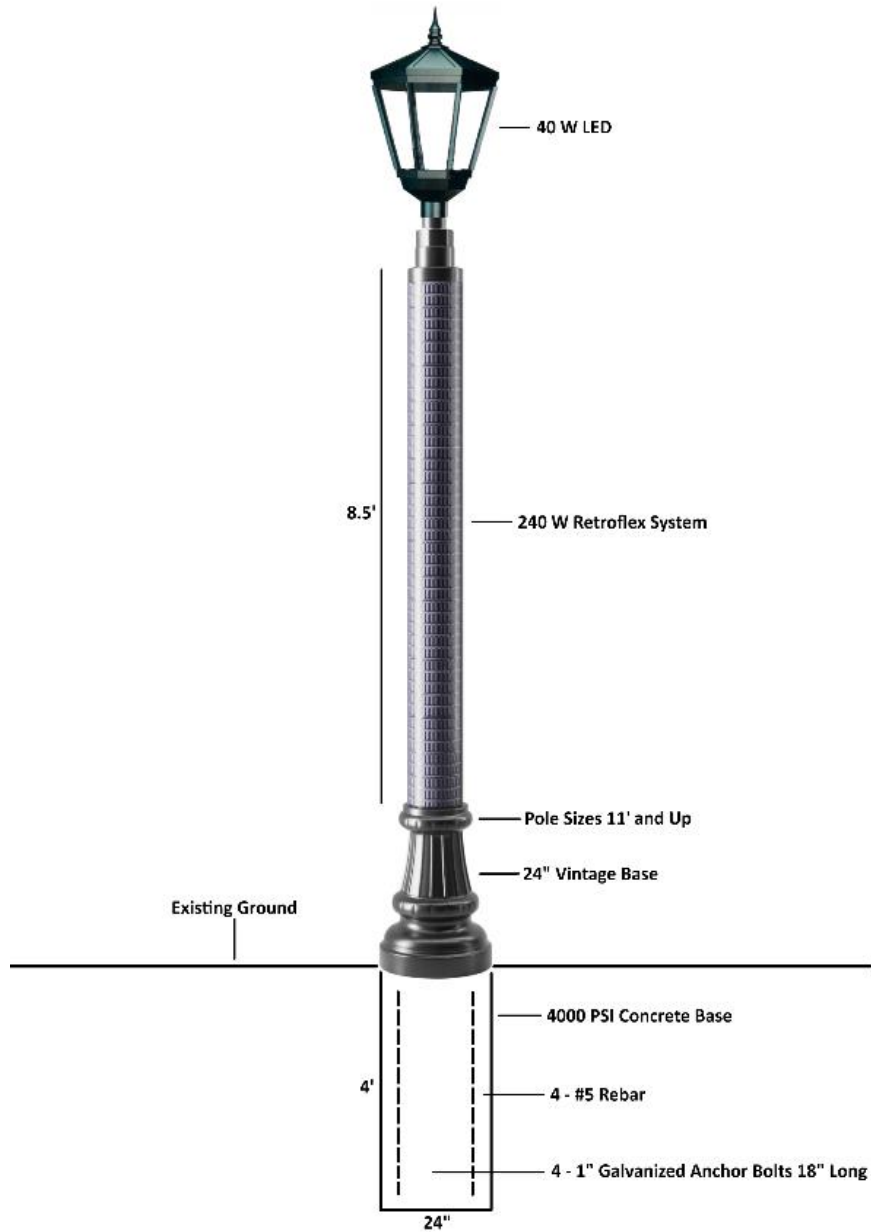
RS240 SINGLE HEAD RETROFLEX SYSTEM



COMPONENT SPECIFICATIONS RS2402460

SOLAR ARRAY	240W (8'.6" IN LENGTH) WITH ADJUSTABLE ALUMINUM ARRAY
LIGHTING	40W
BATTERY	24V - 60A LITHIUM ION 1.8KWH (12+ YEARS LIFE EXPECTANCY)
CONTROLLER	ELECTRONIC MPPT CHARGE CONTROLLER / REGULATOR
LIGHTING CONTROLS	BLUETOOTH MONITORING
EPA (SQFT)	7.55

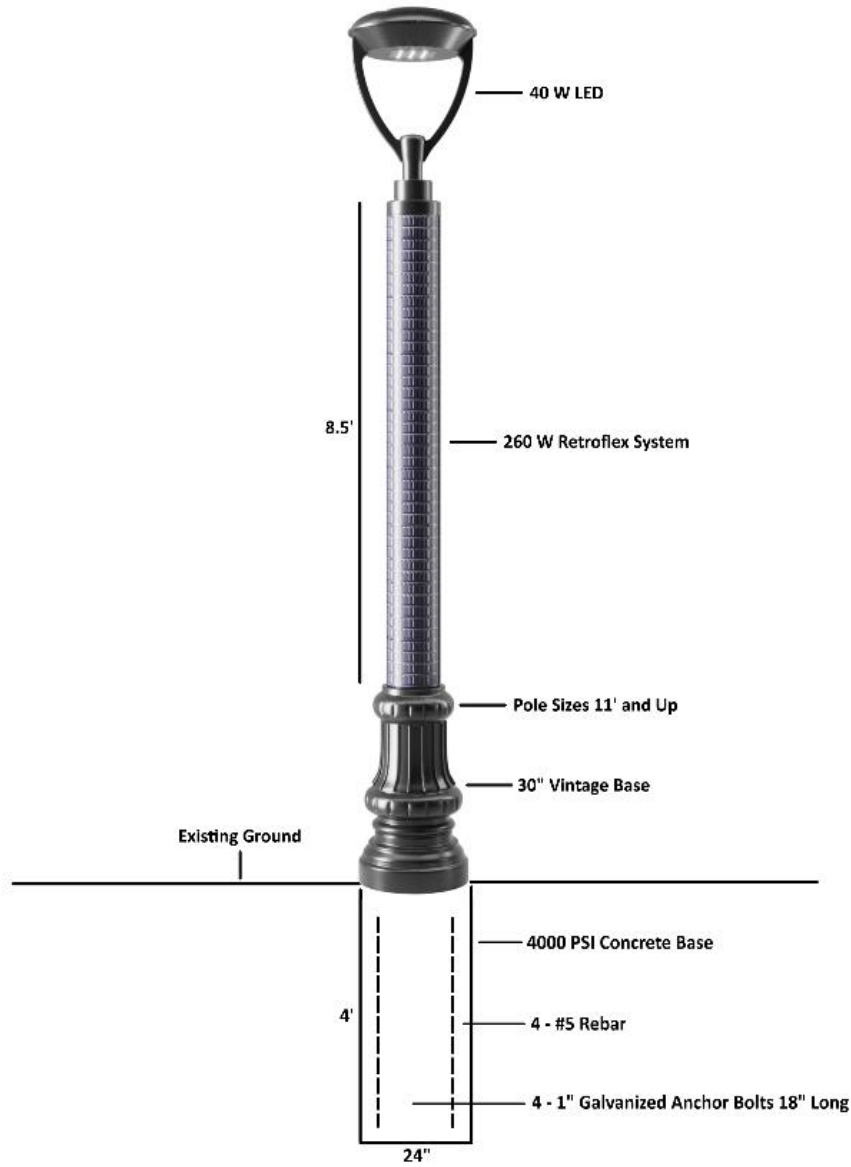
RS240 SINGLE HEAD RETROFLEX SYSTEM



COMPONENT SPECIFICATIONS RS2402460

SOLAR ARRAY	240W (8'.6" IN LENGTH) WITH ADJUSTABLE ALUMINUM ARRAY
LIGHTING	40W
BATTERY	24V - 60A LITHIUM ION 1.8KWH (12+ YEARS LIFE EXPECTANCY)
CONTROLLER	ELECTRONIC MPPT CHARGE CONTROLLER / REGULATOR
LIGHTING CONTROLS	BLUETOOTH MONITORING
EPA (SQFT)	7.55

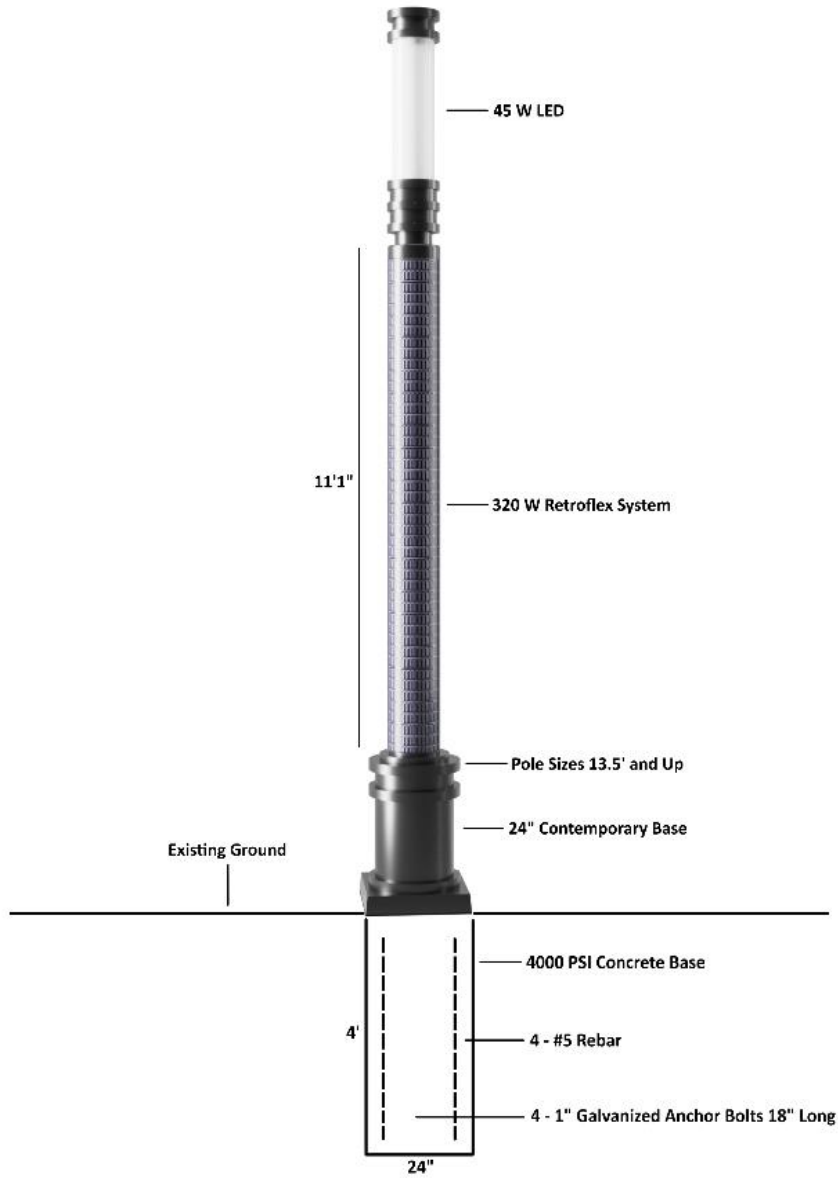
RS260 SINGLE HEAD RETROFLEX SYSTEM



COMPONENT SPECIFICATIONS RS2602460

SOLAR ARRAY	260W (8'.6" IN LENGTH) WITH ADJUSTABLE ALUMINUM ARRAY
LIGHTING	40W
BATTERY	24V - 60A LITHIUM ION 1.8KWH (12+ YEARS LIFE EXPECTANCY)
CONTROLLER	ELECTRONIC MPPT CHARGE CONTROLLER / REGULATOR
LIGHTING CONTROLS	BLUETOOTH MONITORING
EPA (SQFT)	7.55

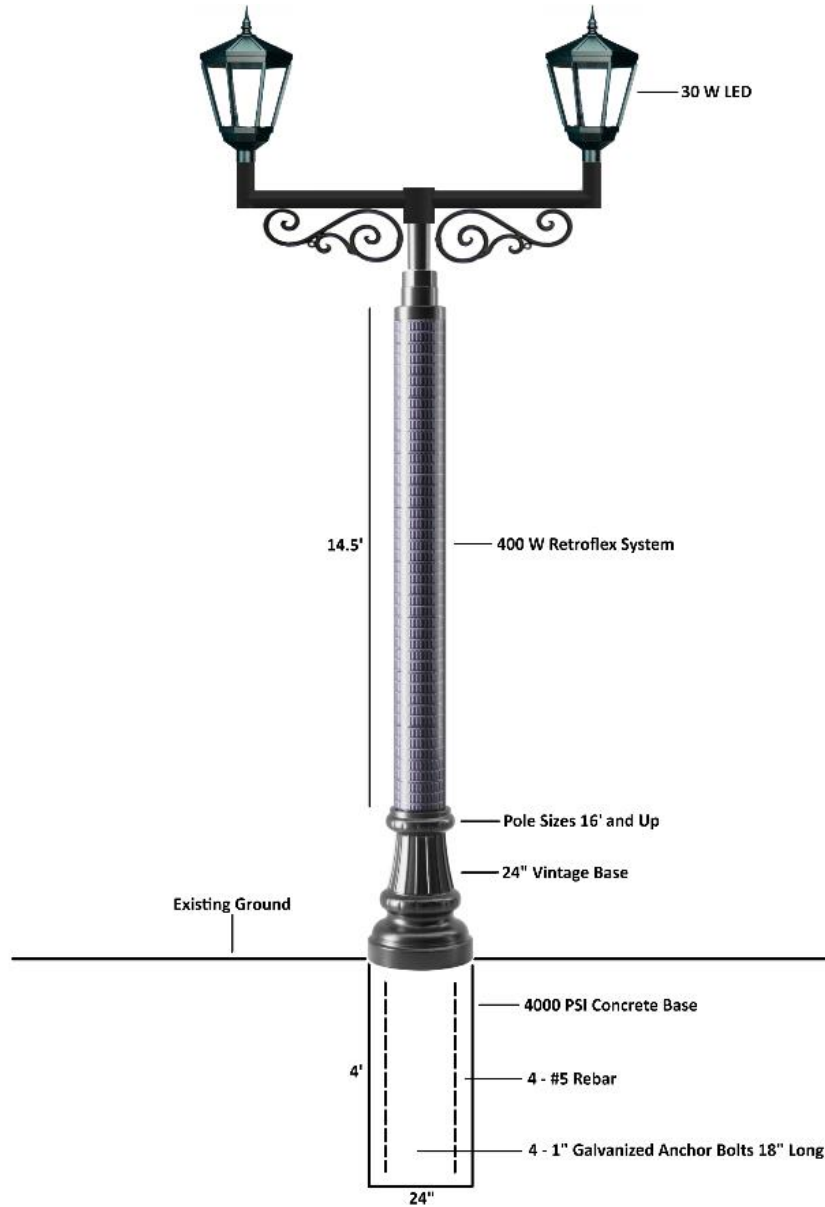
RS320 SINGLE HEAD RETROFLEX SYSTEM



COMPONENT SPECIFICATIONS RS3202475

SOLAR ARRAY	320W (11'.1" IN LENGTH) WITH ADJUSTABLE ALUMINUM ARRAY
LIGHTING	45W
BATTERY	24V - 75A LITHIUM ION 1.8KWH (12+ YEARS LIFE EXPECTANCY)
CONTROLLER	ELECTRONIC MPPT CHARGE CONTROLLER / REGULATOR
LIGHTING CONTROLS	BLUETOOTH MONITORING
EPA (SQFT)	9.84

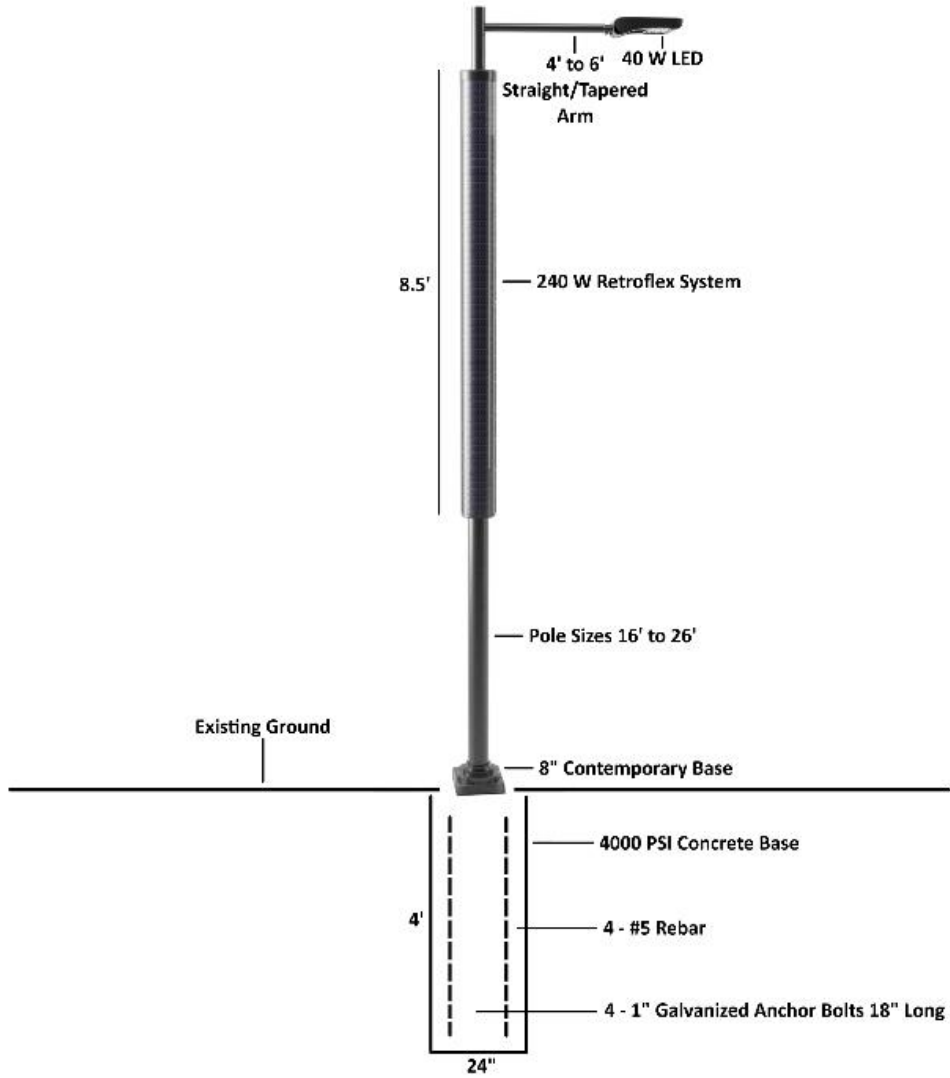
RS400 DOUBLE HEAD RETROFLEX SYSTEM



COMPONENT SPECIFICATIONS RS4002475

SOLAR ARRAY	400W (14'5" IN LENGTH) WITH ADJUSTABLE ALUMINUM ARRAY
LIGHTING	(2) 30W LED MODULE @ 162 LUMENS PER WATT, DIMMABLE
BATTERY	24V - 75A LITHIUM ION 1.8KWH (12+ YEARS LIFE EXPECTANCY)
CONTROLLER	ELECTRONIC MPPT CHARGE CONTROLLER / REGULATOR
LIGHTING CONTROLS	BLUETOOTH MONITORING
EPA (SQFT)	12.8

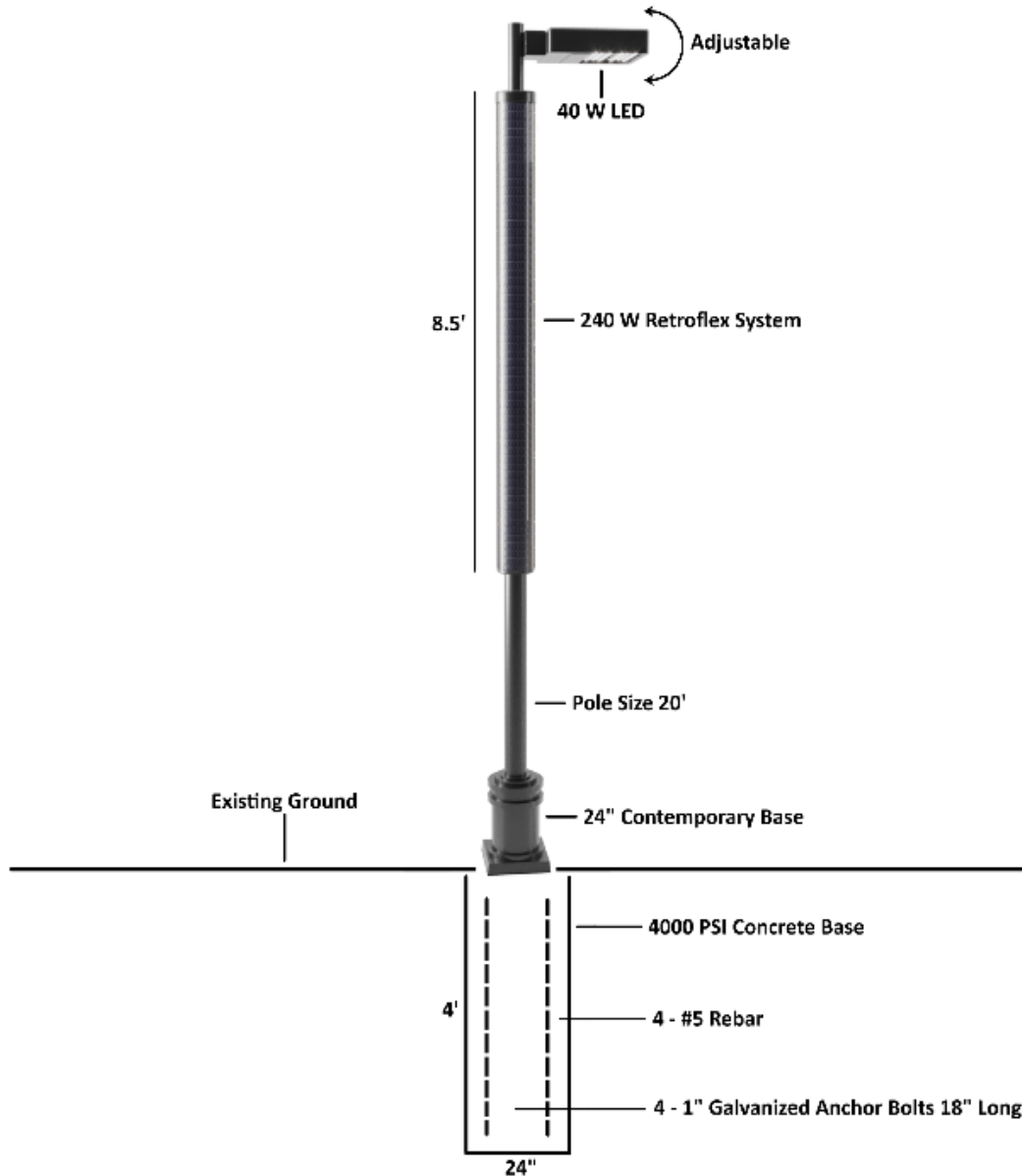
RW240 SINGLE HEAD RETROFLEX SYSTEM



COMPONENT SPECIFICATIONS RW2402460

SOLAR ARRAY	240W (8'.6" IN LENGTH) WITH ADJUSTABLE ALUMINUM ARRAY
LIGHTING	40W
BATTERY	24V - 60A LITHIUM ION 1.8KWH (12+ YEARS LIFE EXPECTANCY)
CONTROLLER	ELECTRONIC MPPT CHARGE CONTROLLER / REGULATOR
LIGHTING CONTROLS	BLUETOOTH MONITORING
EPA (SQFT)	7.55

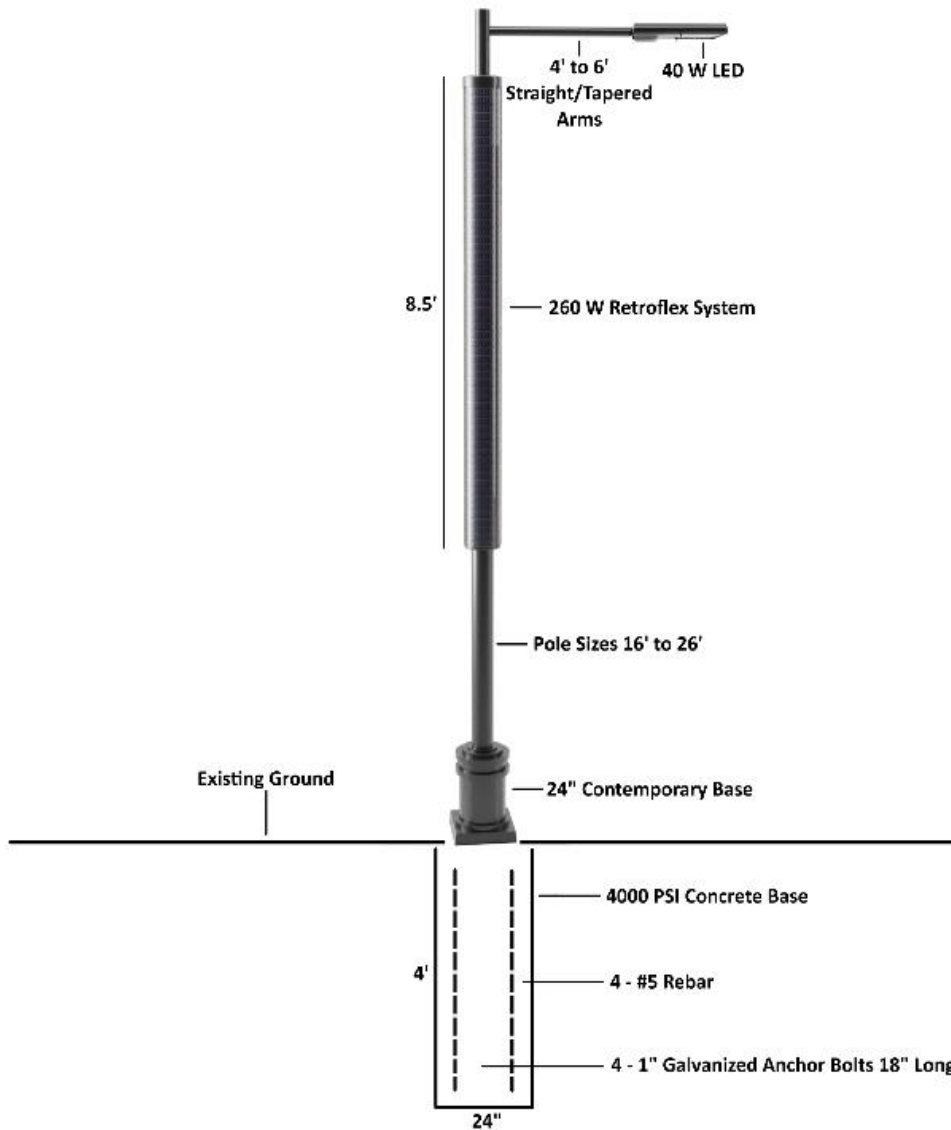
RW240 SINGLE HEAD RETROFLEX SYSTEM



COMPONENT SPECIFICATIONS RW2402460

SOLAR ARRAY	240W (8'.6" IN LENGTH) WITH ADJUSTABLE ALUMINUM ARRAY
LIGHTING	40W
BATTERY	24V - 60A LITHIUM ION 1.8KWH (12+ YEARS LIFE EXPECTANCY)
CONTROLLER	ELECTRONIC MPPT CHARGE CONTROLLER / REGULATOR
LIGHTING CONTROLS	BLUETOOTH MONITORING
EPA (SQFT)	7.55

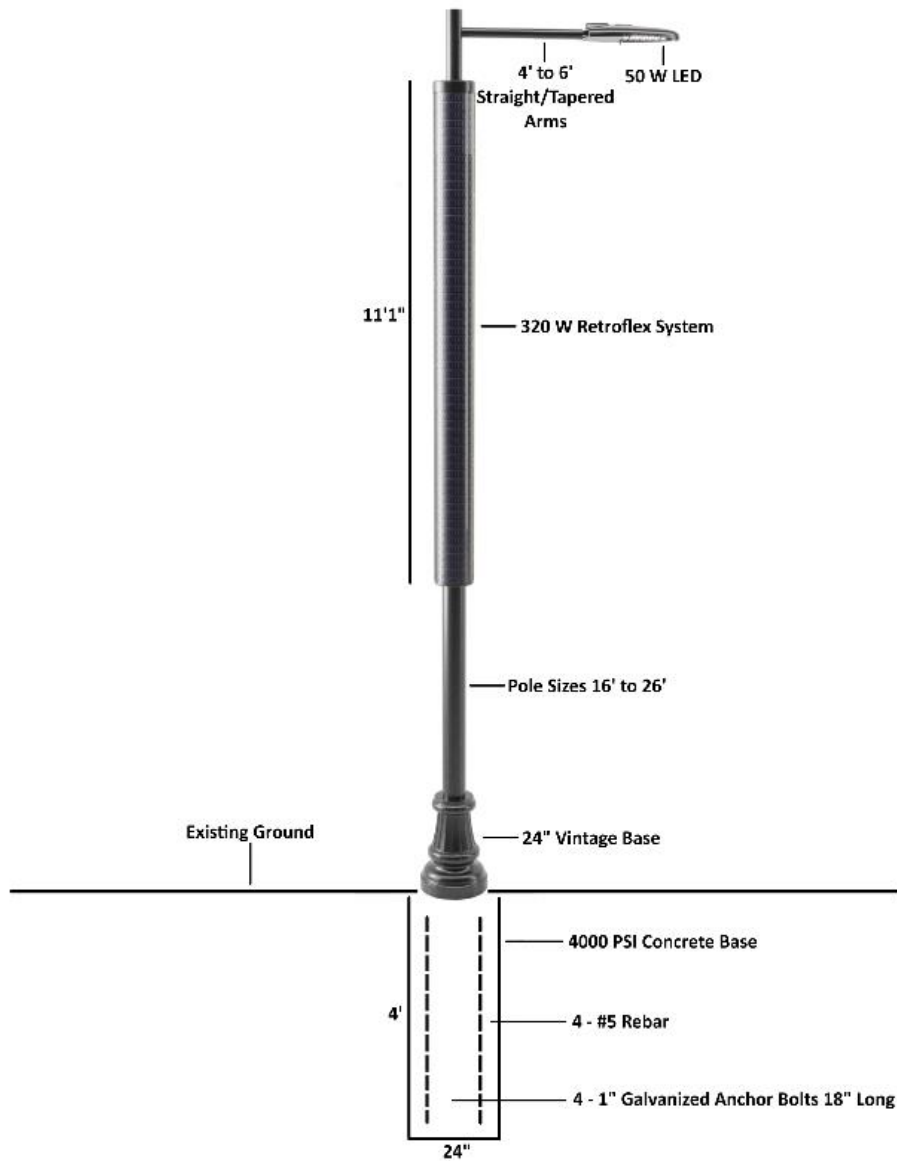
RW260 SINGLE HEAD RETROFLEX SYSTEM



COMPONENT SPECIFICATIONS RW2602460

SOLAR ARRAY	260W (8'.6" IN LENGTH) WITH ADJUSTABLE ALUMINUM ARRAY
LIGHTING	40W
BATTERY	24V - 60A LITHIUM ION 1.8KWH (12+ YEARS LIFE EXPECTANCY)
CONTROLLER	ELECTRONIC MPPT CHARGE CONTROLLER / REGULATOR
LIGHTING CONTROLS	BLUETOOTH MONITORING
EPA (SQFT)	7.55

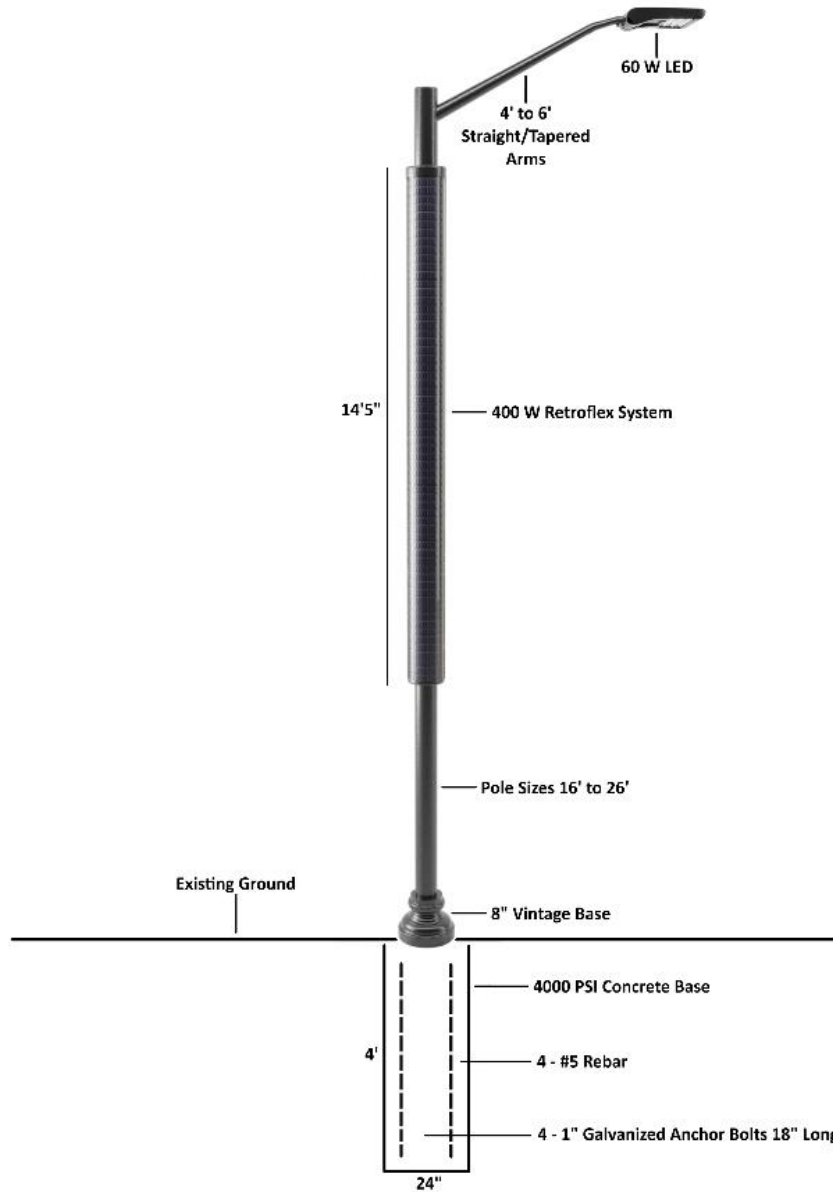
RW320 SINGLE HEAD RETROFLEX SYSTEM



COMPONENT SPECIFICATIONS RW3202475

SOLAR ARRAY	320W (11'.1" IN LENGTH) WITH ADJUSTABLE ALUMINUM ARRAY
LIGHTING	50W
BATTERY	24V - 75A LITHIUM ION 1.8KWH (12+ YEARS LIFE EXPECTANCY)
CONTROLLER	ELECTRONIC MPPT CHARGE CONTROLLER / REGULATOR
LIGHTING CONTROLS	BLUETOOTH MONITORING
EPA (SQFT)	9.84

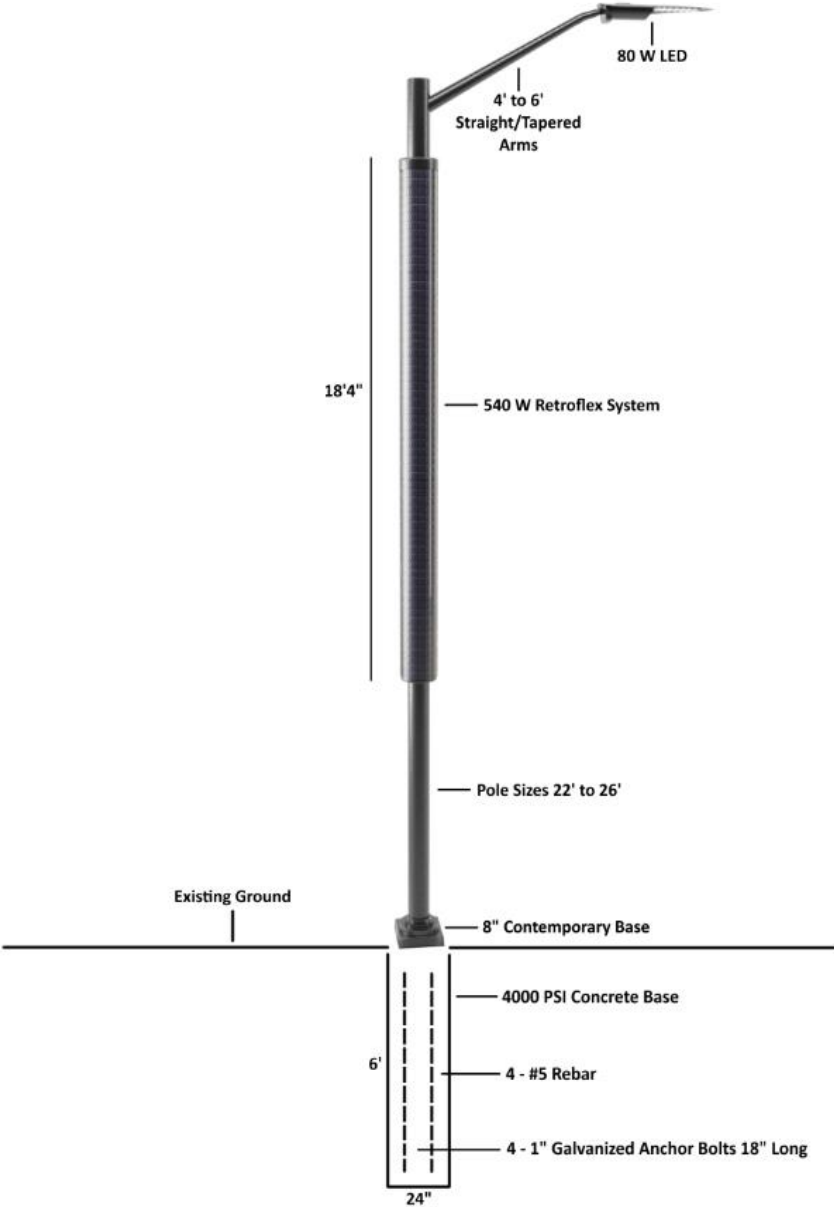
RW400 SINGLE HEAD RETROFLEX SYSTEM



COMPONENT SPECIFICATIONS RW4002475

SOLAR ARRAY	400W (14.5" IN LENGTH) WITH ADJUSTABLE ALUMINUM ARRAY
LIGHTING	60W LED MODULE @ 162 LUMENS PER WATT, DIMMABLE
BATTERY	24V - 75A LITHIUM ION 1.8KWH (12+ YEARS LIFE EXPECTANCY)
CONTROLLER	ELECTRONIC MPPT CHARGE CONTROLLER / REGULATOR
LIGHTING CONTROLS	BLUETOOTH MONITORING
EPA (SQFT)	12.8

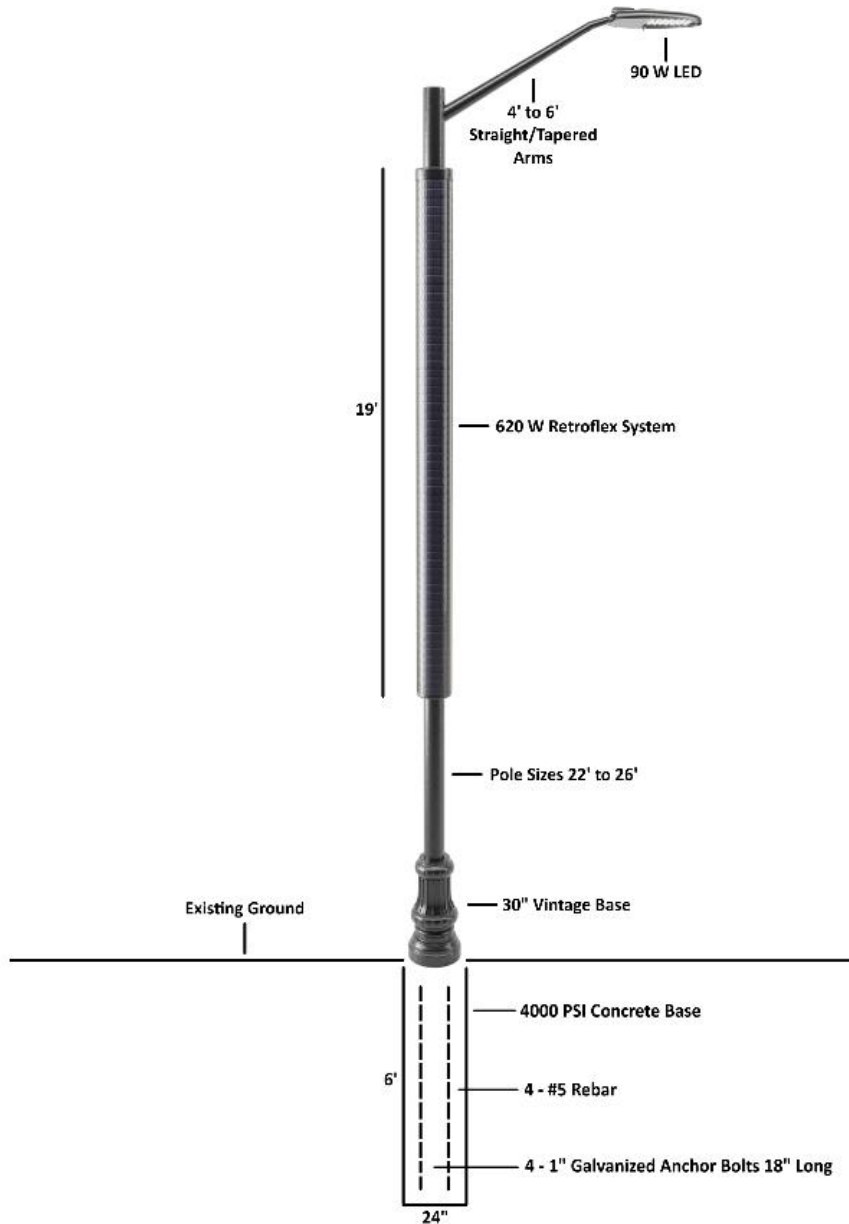
RW540 SINGLE HEAD ROADWAY RETROFLEX SYSTEM



COMPONENT SPECIFICATIONS RW5402490

SOLAR ARRAY	540W (18.4" IN LENGTH) WITH ADJUSTABLE ALUMINUM ARRAY
LIGHTING	80W LED MODULE @ 162 LUMENS PER WATT, DIMMABLE
BATTERY	24V - 90A LITHIUM ION 1.8KWH (12+ YEARS LIFE EXPECTANCY)
CONTROLLER	ELECTRONIC MPPT CHARGE CONTROLLER / REGULATOR
LIGHTING CONTROLS	BLUETOOTH MONITORING
EPA (SQFT)	16.28

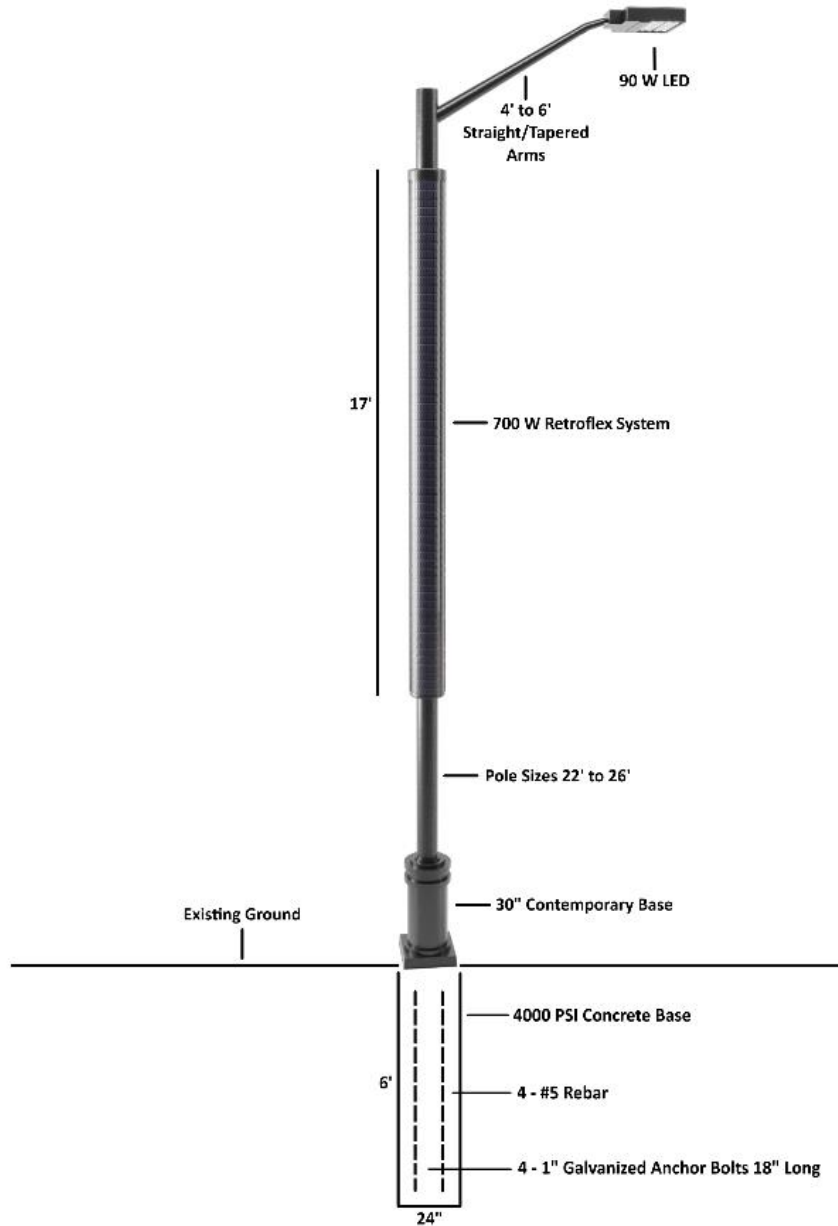
RW620 SINGLE HEAD RETROFLEX SYSTEM



COMPONENT SPECIFICATIONS RW6202490

SOLAR ARRAY	620W (19' IN LENGTH) WITH ADJUSTABLE ALUMINUM ARRAY
LIGHTING	90W LED MODULE @ 162 LUMENS PER WATT, DIMMABLE
BATTERY	24V - 90A LITHIUM ION 1.8KWH (12+ YEARS LIFE EXPECTANCY)
CONTROLLER	ELECTRONIC MPPT CHARGE CONTROLLER / REGULATOR
LIGHTING CONTROLS	BLUETOOTH MONITORING
EPA (SQFT)	16.872

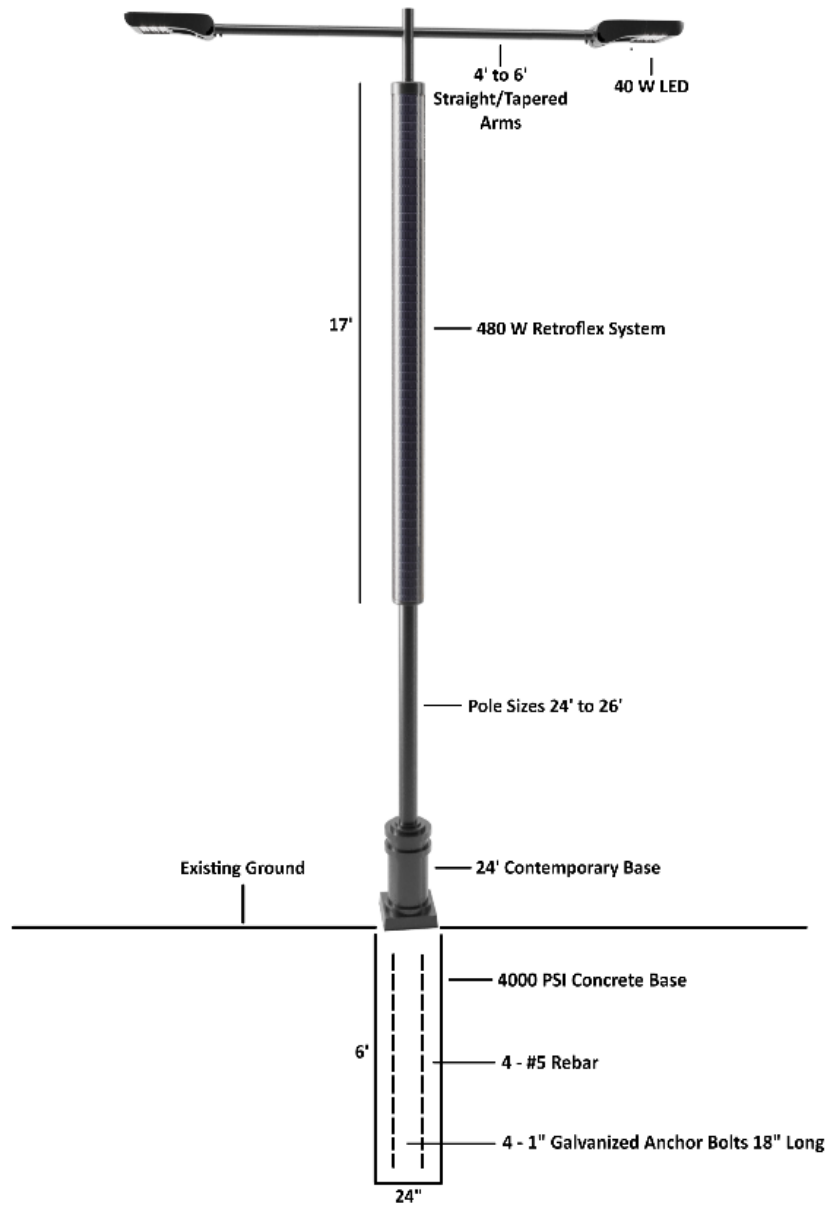
RW700 SINGLE HEAD RETROFLEX SYSTEM



COMPONENT SPECIFICATIONS RW7002490

SOLAR ARRAY	700W (17' IN LENGTH) WITH ADJUSTABLE ALUMINUM ARRAY
LIGHTING	80W LED MODULE @ 162 LUMENS PER WATT, DIMMABLE
BATTERY	24V - 90A LITHIUM ION 1.8KWH (12+ YEARS LIFE EXPECTANCY)
CONTROLLER	ELECTRONIC MPPT CHARGE CONTROLLER / REGULATOR
LIGHTING CONTROLS	BLUETOOTH MONITORING
EPA (SQFT)	17.425

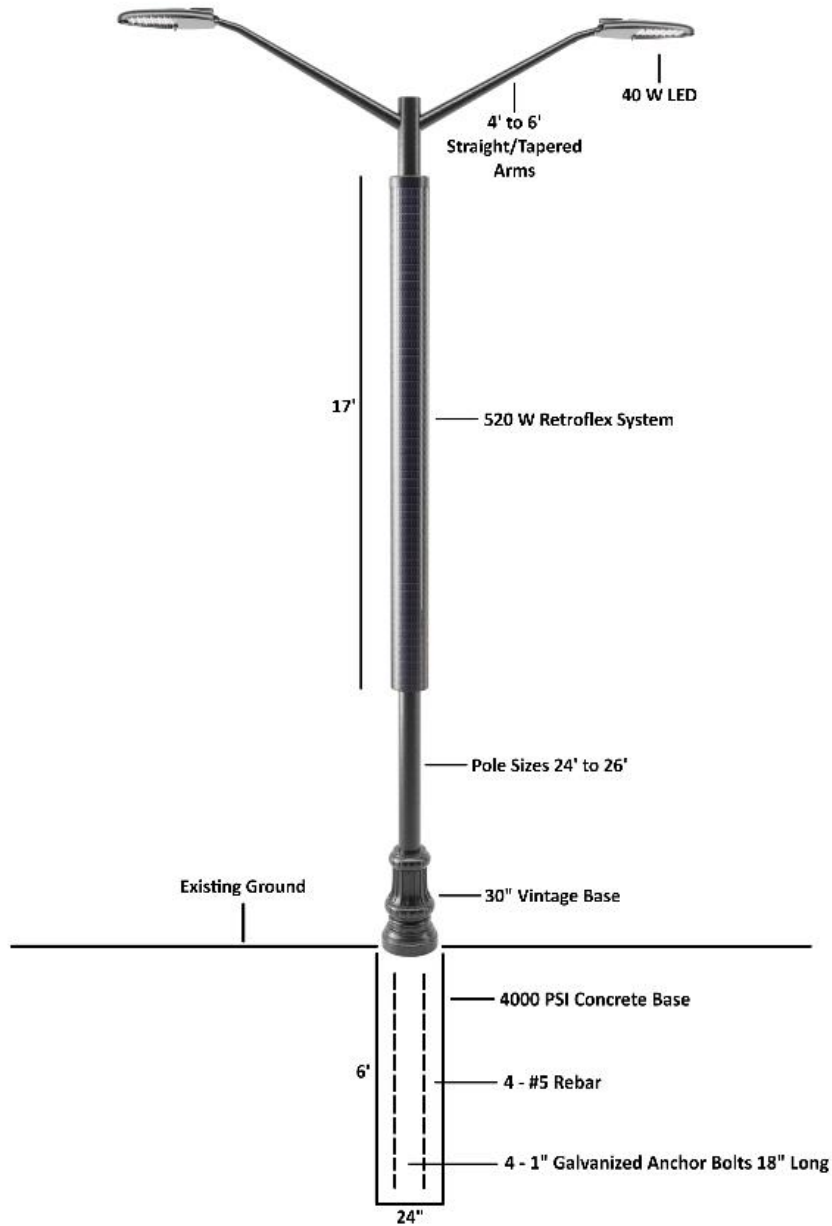
RW480 DOUBLE HEAD ROADWAY RETROFLEX SYSTEM



COMPONENT SPECIFICATIONS RW48024120

SOLAR ARRAY	480W (17' IN LENGTH) WITH ADJUSTABLE ALUMINUM ARRAY
LIGHTING	40W (2) LED MODULE @ 162 LUMENS PER WATT, DIMMABLE
BATTERY	24V - 60A(2) LITHIUM ION 1.8KWH (12+ YEARS LIFE EXPECTANCY)
CONTROLLER	ELECTRONIC MPPT CHARGE CONTROLLER / REGULATOR
LIGHTING CONTROLS	BLUETOOTH MONITORING
EPA (SQFT)	15.096

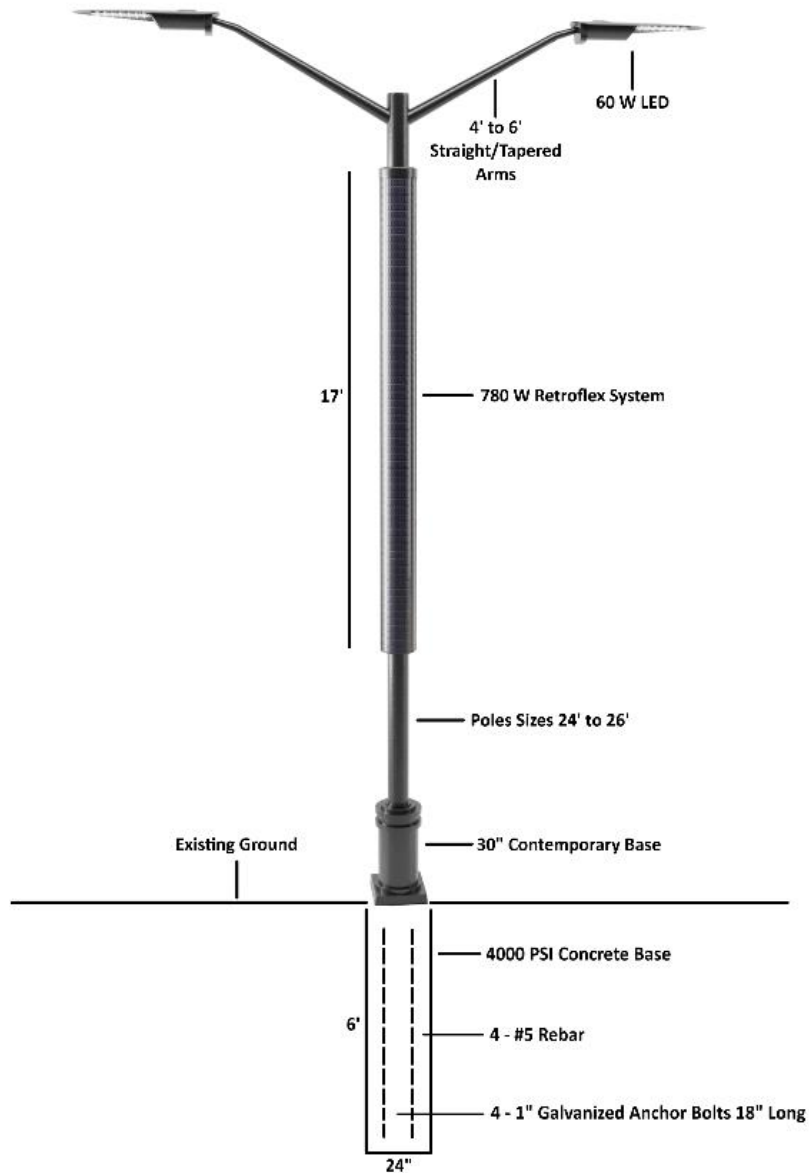
RW520 DOUBLE HEAD ROADWAY RETROFLEX SYSTEM



COMPONENT SPECIFICATIONS RW52024120

SOLAR ARRAY	520W (17' IN LENGTH) WITH ADJUSTABLE ALUMINUM ARRAY
LIGHTING	40W (2) LED MODULE @ 162 LUMENS PER WATT, DIMMABLE
BATTERY	24V - 60A(2) LITHIUM ION 1.8KWH (12+ YEARS LIFE EXPECTANCY)
CONTROLLER	ELECTRONIC MPPT CHARGE CONTROLLER / REGULATOR
LIGHTING CONTROLS	BLUETOOTH MONITORING
EPA (SQFT)	15.096

RW780 DOUBLE HEAD ROADWAY RETROFLEX SYSTEM



COMPONENT SPECIFICATIONS RW78024150

SOLAR ARRAY	780W (17' IN LENGTH) WITH ADJUSTABLE ALUMINUM ARRAY
LIGHTING	60W (2) LED MODULE @ 162 LUMENS PER WATT, DIMMABLE
BATTERY	24V - 60A(2) LITHIUM ION 1.8KWH (12+ YEARS LIFE EXPECTANCY)
CONTROLLER	ELECTRONIC MPPT CHARGE CONTROLLER / REGULATOR
LIGHTING CONTROLS	BLUETOOTH MONITORING
EPA (SQFT)	17.425