



# HELIX1-LED100

## LED Area Light

### SPECIFICATIONS

Watts	99
Lumens	13928
Efficacy	140 lm/W
Replaces Up To	250W MH
Colour Temp	3K, 4K, 5K
Operating Temp	-40°C to +50°C
Voltage	120-277V, 347V
LED Life	100,000 Hrs (L90)
Certification	cULus, Suitable for Wet Locations
Housing Material	Die Cast Aluminum
Lens	Polycarbonate
Power Factor	>0.9
Mounting	Slip fitter, Direct mount for round/square poles, Trunnion mount, Yoke mount
Accessories	Motion sensor, Photocell, House side shield
Beam Distribution	T3 (standard), T4, T5



House side shield

### MOUNTING:



Slip fitter



Yoke



Trunnion



Direct mount for round/square poles



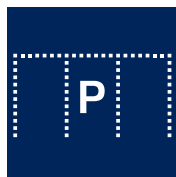
## DESCRIPTION

The Helix-LED Series is a sleek, modern looking area light with high performance optics ideal for use in parking lots, commercial plazas, schools and general area lighting applications.

## APPLICATIONS



Schools



Parking Lots



Commercial Plazas














Car Dealerships

## FEATURES



- Rugged die cast aluminum housing with a polycarbonate lens.
- Tool less entry to access driver/wiring compartment. 3 ft cab tire cable included for external wiring
- Universal mounting with options for slipfitter, yoke, trunnion, direct mount for round and square poles. Purchase mounting option separately.
- Fixture can be tilted with any mounting option to direct light where needed.
- Rotating optics in 90° segments to redirect light in any direction. (factory adjusted)
- House side cut-off shield, motion sensor and photocell are optional (factory installed).

## COLOUR OPTIONS




**Standard Colours**

 bronze 195632 / G5512M17	 matte black 103848 / 39/80020	 black sandtex (textured) 194288 / P-2128-LT	 mirror black (shiny) 103849 / PS111N9	 white 103847 / P-1771-9	 dove grey 000047 / SCP-409	 blue 103865 / SCP-910	
 red 103866 / P-6015-8	 yellow 195585 / RAL 1018 (TIGER)	 green 103864 / SCP-651	 garden green 194070 / TD01032-F-FILE#116P6				

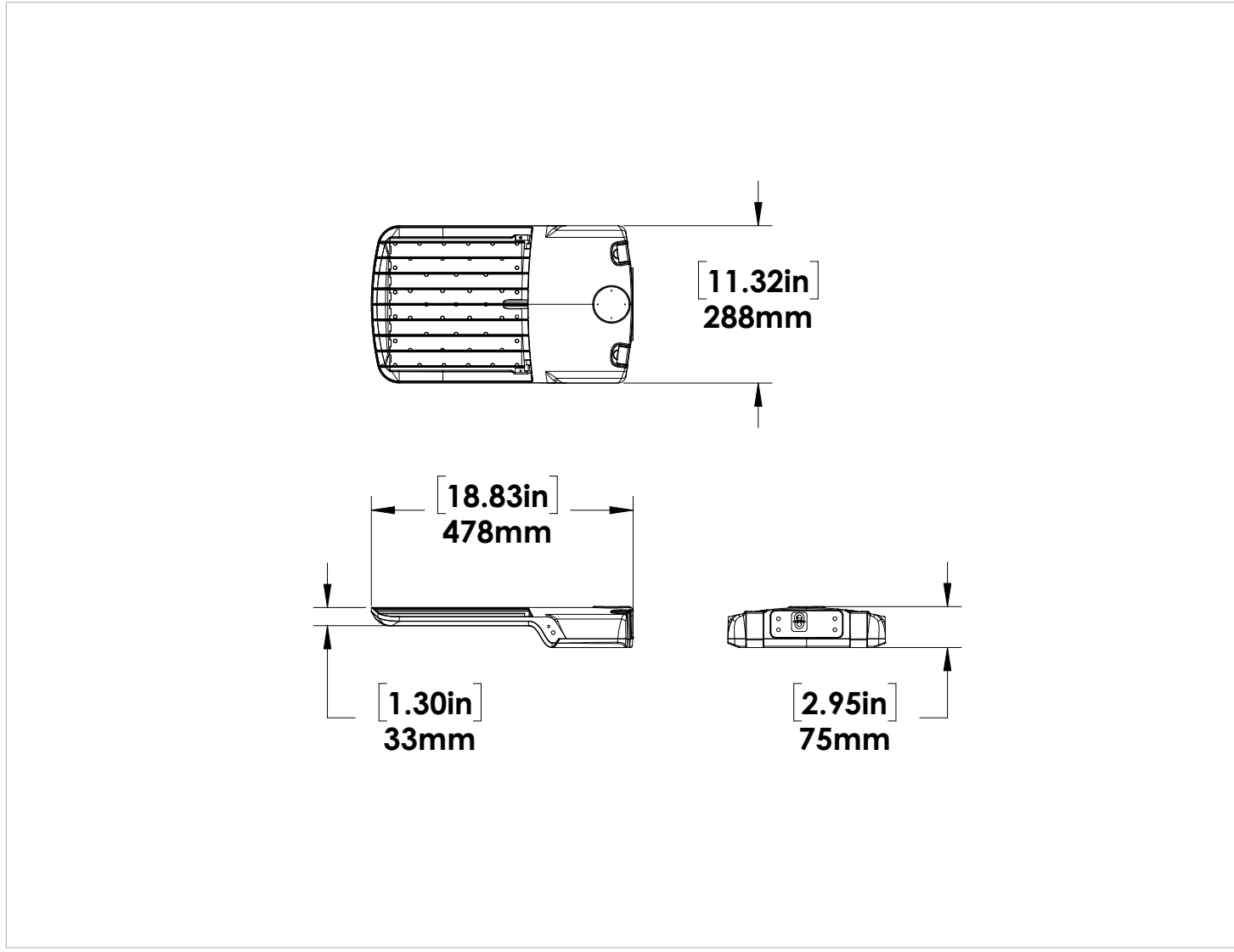
**Metallic Colours**

 hammer tone 194290 / TGIC DCL#5980-0799-MMI	 sparkle silver 194260 / PM211511
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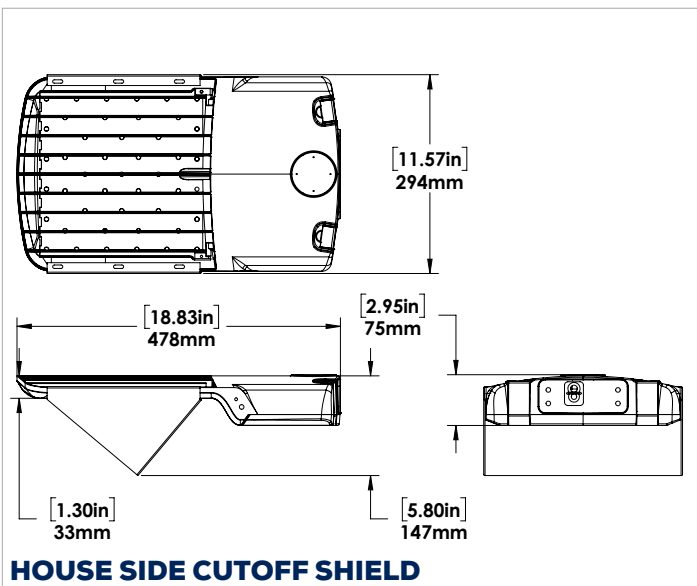
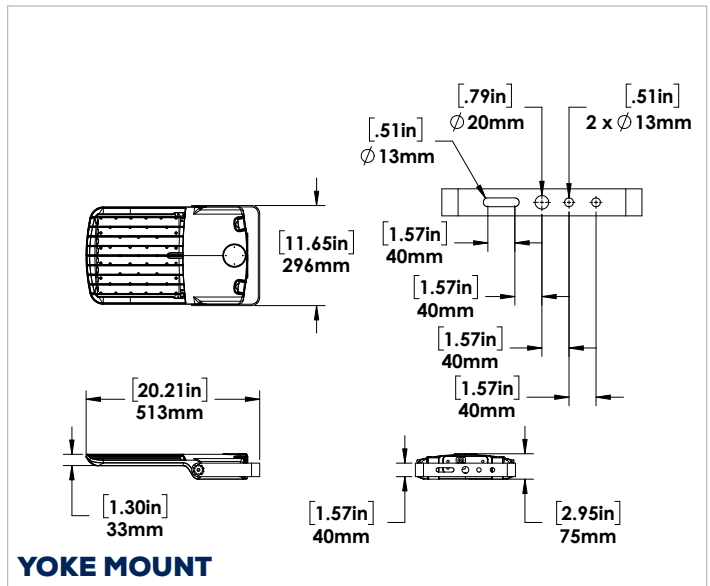
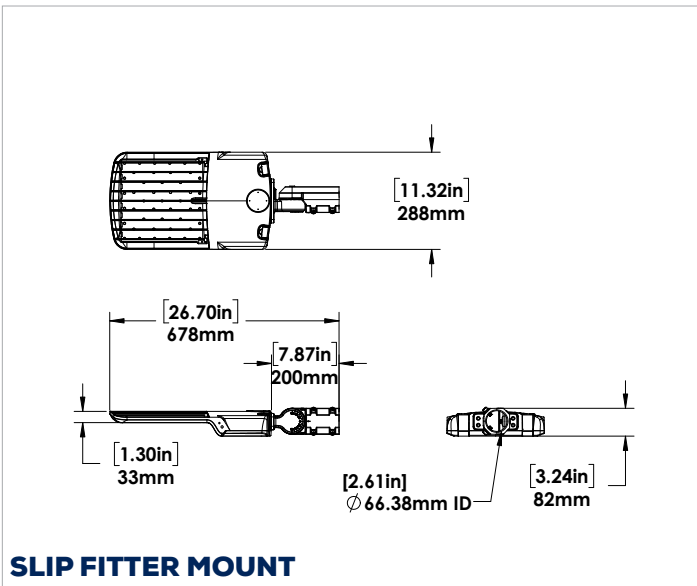
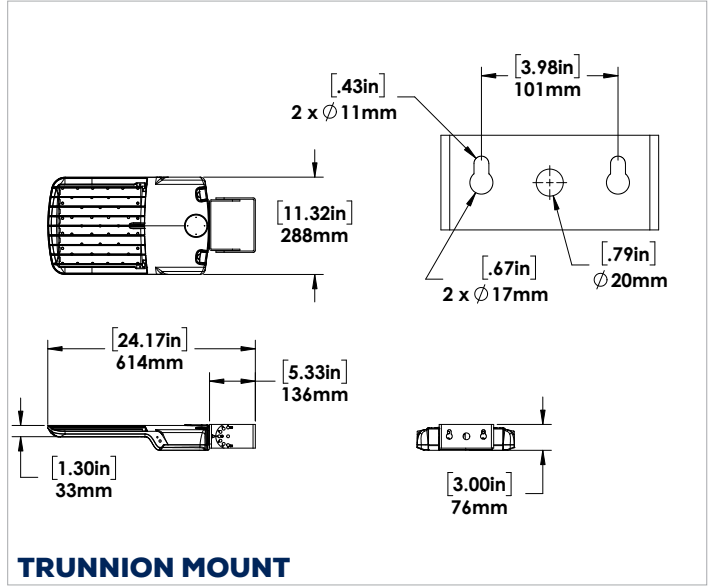
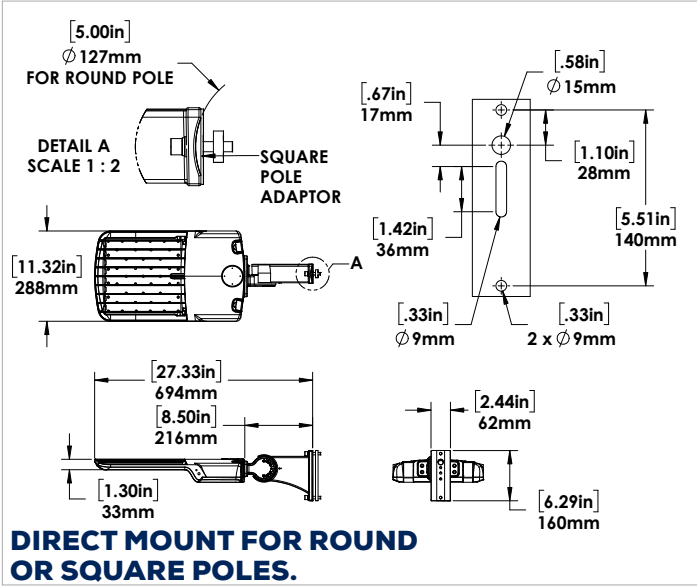
**Custom Colours**

## FIXTURE DIMENSIONS



**ACCESSORY DIMENSIONS**



## OTHER MODEL SPECIFICATIONS

MODEL DESCRIPTION	Voltage (V)	Wattage (W)	Light Output (lm)	Efficacy (lm/W)	Classification	THD (%)	PF	CCT (K)	CRI
HELIX1-LED100-B-3K-T3-XXX-DIM-[Blank, DMS, PC]	120-277	99	13739	138.5	Premium	15.0	0.900	3000	70.0
HELIX1-LED100-B-4K-T3-XXX-DIM-[Blank, DMS, PC]	120-277	99	13928	140.2	Premium	15.0	0.900	4000	70.0
HELIX1-LED100-B-5K-T3-XXX-DIM-[Blank, DMS, PC]	120-277	99	14117	142.1	Premium	15.0	0.900	5000	70.0
HELIX1-LED100-C-3K-T3-XXX-DIM-[Blank, DMS, PC]	347	98	13604	138.6	Premium	15.0	0.900	3000	70.0
HELIX1-LED100-C-4K-T3-XXX-DIM-[Blank, DMS, PC]	347	98	13791	140.3	Premium	15.0	0.900	4000	70.0
HELIX1-LED100-C-5K-T3-XXX-DIM-[Blank, DMS, PC]	347	98	13977	142.2	Premium	15.0	0.900	5000	70.0
HELIX1-LED100-B-3K-T4-XXX-DIM-[Blank, DMS, PC]	120-277	100	14461	145.3	Premium	15.0	0.900	3000	70.0
HELIX1-LED100-B-4K-T4-XXX-DIM-[Blank, DMS, PC]	120-277	100	14646	146.9	Premium	15.0	0.900	4000	70.0
HELIX1-LED100-B-5K-T4-XXX-DIM-[Blank, DMS, PC]	120-277	100	14831	148.8	Premium	15.0	0.900	5000	70.0
HELIX1-LED100-C-3K-T4-XXX-DIM-[Blank, DMS, PC]	347	99	14388	145.8	Premium	15.0	0.900	3000	70.0
HELIX1-LED100-C-4K-T4-XXX-DIM-[Blank, DMS, PC]	347	99	14619	147.5	Premium	15.0	0.900	4000	70.0
HELIX1-LED100-C-5K-T4-XXX-DIM-[Blank, DMS, PC]	347	99	14849	149.8	Premium	15.0	0.900	5000	70.0
HELIX1-LED100-B-3K-T5-XXX-DIM-[Blank, DMS, PC]	120-277	99	14415	145.1	Premium	15.0	0.900	3000	70.0
HELIX1-LED100-B-4K-T5-XXX-DIM-[Blank, DMS, PC]	120-277	99	14595	146.8	Premium	15.0	0.900	4000	70.0
HELIX1-LED100-B-5K-T5-XXX-DIM-[Blank, DMS, PC]	120-277	99	14774	148.6	Premium	15.0	0.900	5000	70.0
HELIX1-LED100-C-3K-T5-XXX-DIM-[Blank, DMS, PC]	347	99	14413	146.2	Premium	15.0	0.900	3000	70.0
HELIX1-LED100-C-4K-T5-XXX-DIM-[Blank, DMS, PC]	347	99	14672	148.0	Premium	15.0	0.900	4000	70.0
HELIX1-LED100-C-5K-T5-XXX-DIM-[Blank, DMS, PC]	347	99	14930	150.6	Premium	15.0	0.900	5000	70.0

### LEGEND

B - 120V-277V, C-347V

3K - 3000K, 4K - 4000K, 5K - 5000K

T3 - TYPE 3 BEAM, T4 - TYPE 4 BEAM, T5 - TYPE 5 BEAM

XXX - HOUSING FINISH

DIM - 0-10V DIMMING

## AMPERAGE DRAW & SURGE PROTECTION

	CURRENT (A)					SURGE PROTECTION (kV)	
	120V	208V	240V	277V	347V	120-277V	347V
HELIX1-LED100	0.88A	0.51A	0.44A	0.38A	0.31A	10kV	10kV

### LUMEN MAINTENANCE

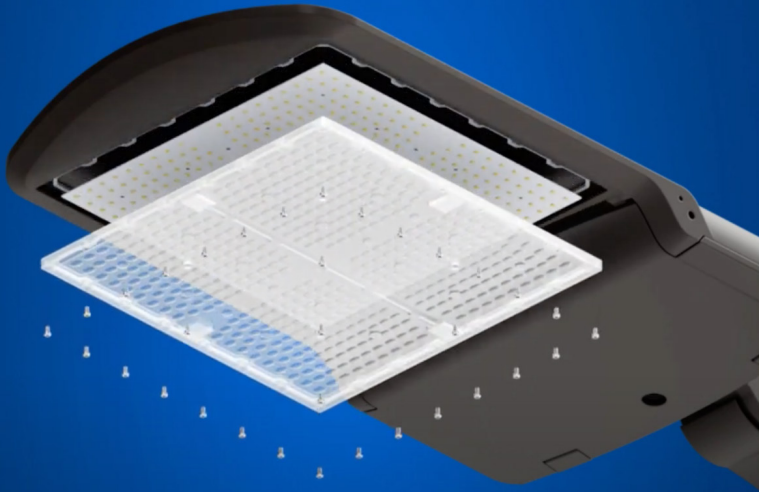
Hours	50,000	75,000	100,000
HELIX1-LED100	95%	92%	90%

### WEIGHT & EPA

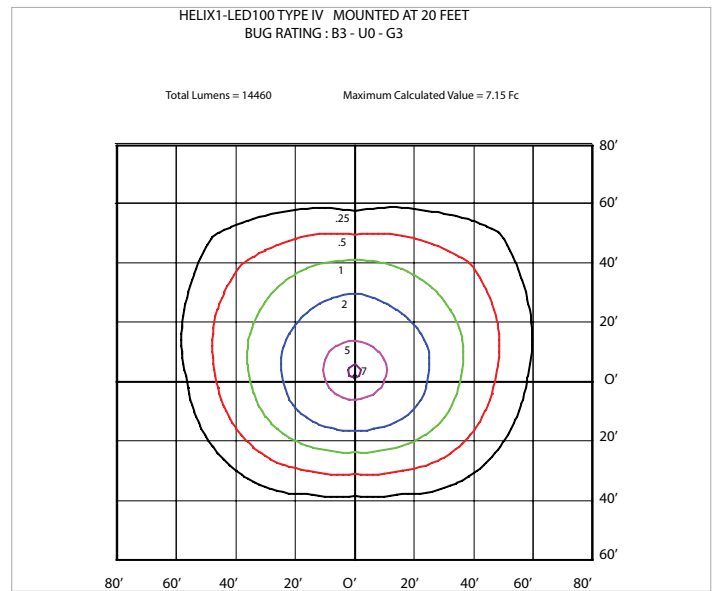
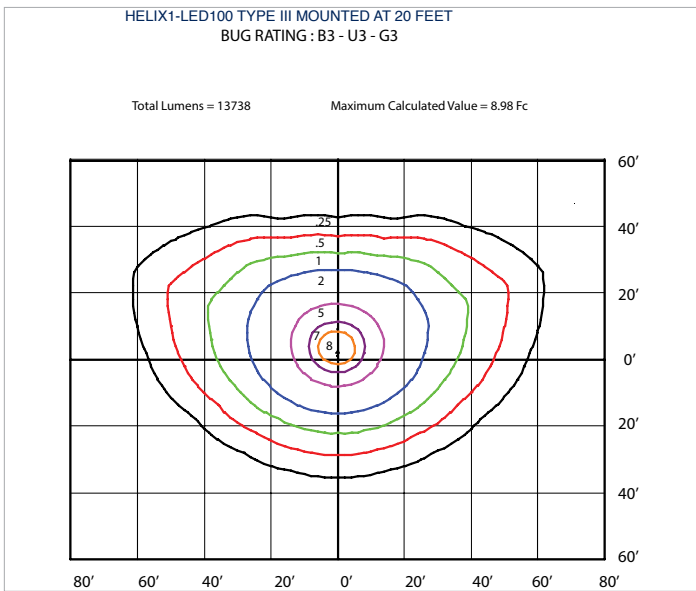
	Weight (lbs)	0° Tilt	45° Tilt	90° Tilt
HELIX1	12.5	0.52	1.69	2.11

# Rotatable Optics

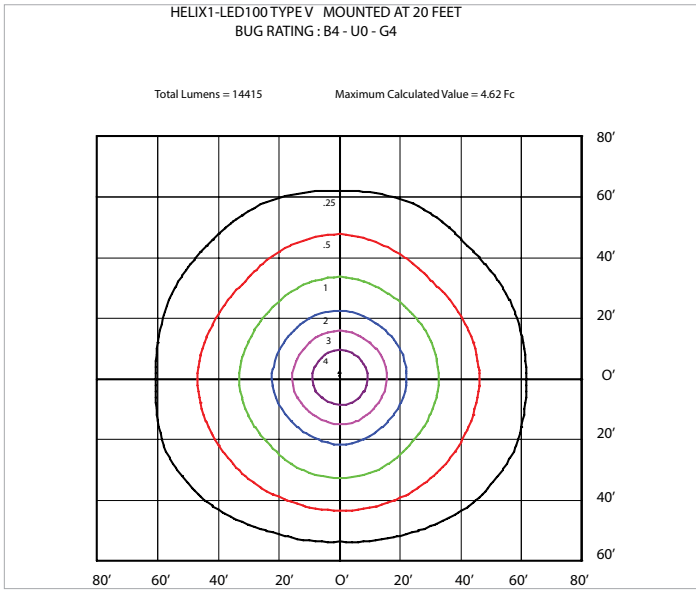
Factory Installed



## CANDELA PLOTS



## CANDELA PLOTS



## ORDERING GUIDE

<b>HELIX1</b>	<b>LED100</b>						<b>DIM</b>	
WATTS	VOLTAGE	COLOUR TEMP.	BEAM	OPTION	FINISH	DIMMING	CONTROLS	
	B - 120 - 277V*	3K - 3000K	T3 - TYPE 3*	HCO - HOUSE SIDE CUTOFF	BRZ - BRONZE*	DIM - 0-10V DIMMING*	PC - STANDARD TWIST LOCK PHOTOCELL	
	C - 347V	4K - 4000K*	T4 - TYPE 4		CC - CUSTOM COLOUR		DMS - DIMMING PIR MOTION SENSOR	
		5K - 5000K*	T5 - TYPE 5				7PIN - 7 PIN RECEPTACLE FOR SMART CONTROL SYSTEMS	
			T3R TYPE III DISTRIBUTION ROTATED RIGHT					
			T3L TYPE III DISTRIBUTION ROTATED LEFT					
			T4R TYPE IV DISTRIBUTION ROTATED RIGHT					
			T4L TYPE IV DISTRIBUTION ROTATED LEFT					

- 020009 HELIX1/2 SLIP FITTER BRZ
- 020010 HELIX1/2 DIRECT MOUNT F/ROUND AND SQUARE POLE BRZ
- 020011 HELIX1/2 DIRECT TRUNNION MOUNT BRZ
- 020012 HELIX1 YOKE MOUNT BRZ

\*Standard Configuration.