

TYPE 05 LOWERING DEVICE

TOP LATCHING, CENTERING SYSTEM WITH INTERNAL WINCH

DEVICE SERIES	NUMBER OF CIRCUITS	QUANTITY OF FIXTURES	FIXTURE SERIES	WATTAGE & SOURCE OF FIXTURES
05	1 CIRCUIT	02 TWO (2)	HL	HMAO LED
	2 CIRCUITS	03 THREE (3)	HM	HMAO
		04 FOUR (4)	HC	HMSC
		05 FIVE (5)	HA	HMSP ASYMMETRIC
		06 SIX (6)	HS	HMSP SYMMETRIC
		07 SEVEN (7)	HT	HMST
		08 EIGHT (8)	MY	G MONGOOSE
		09 NINE (9)	PB	PB2
		10 TEN (10)	PF	PF
		12 TWELVE (12)	ACP1LED	AEL COMPACT LED
			ACP2LED	AEL COMPACT LED
			MGLED	MONGOOSE LED
			PLLED	PREDATOR LARGE LED
			PMLED	PREDATOR MED LED
			HMLED2	HMLED2
			02	02 MODULE LED
			03	03 MODULE LED
			04	04 MODULE LED
			05	05 MODULE LED
			06	06 MODULE LED
			07	07 MODULE LED
			08	08 MODULE LED
			09	09 MODULE LED
			11	11 MODULE LED
			12	12 MODULE LED
			14	14 MODULE LED
			4H	400W HPS
			4M	400W MH
			4R	400W HPS MAGREG
			7H	750W HPS
			7M	750W MH
			1H	1000W HPS
			1M	1000W MH
			5M	1500W MH
			6M	1650W MH

FREQUENCY, VOLTAGE & PHASING	POLE HEIGHT	CABLE TYPE
A 120V SINGLE PHASE	050 50 FEET	A GALVANIZED - 1/4" WINCH
B 120/208V 3 PHASE-4 WIRE	060 60 FEET	B GALVANIZED - 5/16" WINCH
C 208V SINGLE PHASE	070 70 FEET	C STAINLESS STEEL - 1/4" WINCH
D 208V 3 PHASE	080 80 FEET	D STAINLESS STEEL - 5/16" WINCH
E 240V SINGLE PHASE LL	090 90 FEET	
F 240V SINGLE PHASE LN	100 100 FEET	
G 277V SINGLE PHASE	110 110 FEET	
H 277/480V 3 PHASE-4 WIRE	120 120 FEET	
J 347/600V 3 PHASE-4 WIRE	130 130 FEET	
K 480V SINGLE PHASE	140 140 FEET	
L 480V 3 PHASE	150 150 FEET	
	15M 15 METERS	
	20M 20 METERS	
	25M 25 METERS	
	30M 30 METERS	
	35M 35 METERS	
	40M 40 METERS	
	45M 45 METERS	

OPTIONS	ACCESSORIES
1 LIGHTNING ARRESTOR - CB ENCLOSURE	LDM-W-X-Y-Z PORTABLE DRIVE MOTOR
2 LIGHTNING ARRESTOR - RING J-BOX	SEE SHEET 5 FOR LETTER DESIGNATIONS
3 TERMINAL BLOCKS, LIGHTNING ARRESTOR & ROD AVAILABILITY LIMITED TO SINGLE CIRCUIT TYPE K	09249 LEVELING BLOCK ASSEMBLY
R PHOTOCONTROL RECEPTACLE - RING J-BOX	
FAA1 SINGLE WARNING LIGHT	
FAA2 DOUBLE WARNING LIGHT	
FAA2TR DOUBLE WITH TRANSFER RELAY	
FWC FIXED WIREWAY COVER ON RING	
LR LIGHTNING ROD	

CATALOG NUMBER

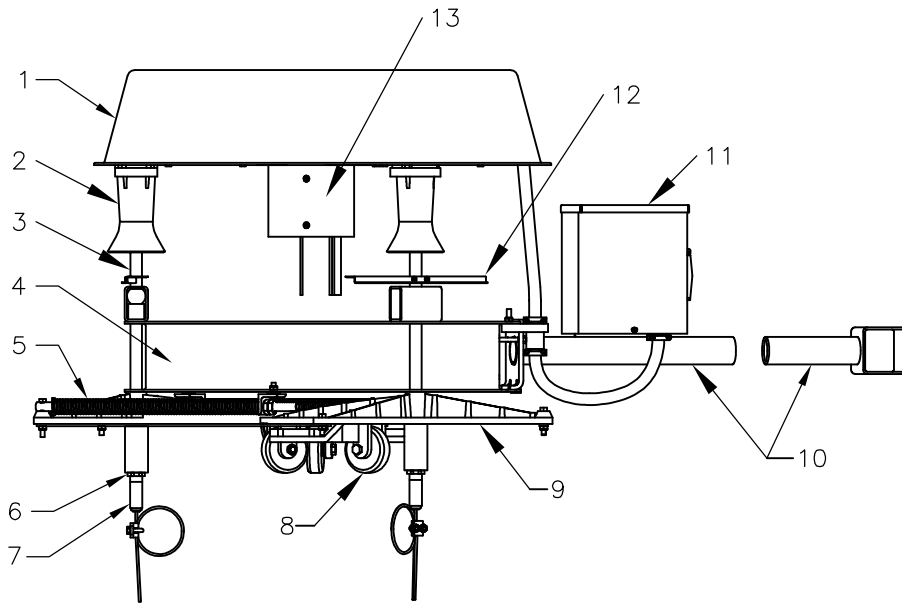
05



ORDER NO: _____
TYPE: _____

DRAWING NO. _____
CAD MODEL: LD05.DWG
DATE: 2/5/15
Sheet 1 of 5

TYPE 05 HEADFRAME AND RING ASSEMBLY



EPA = 5.62 SQUARE FEET

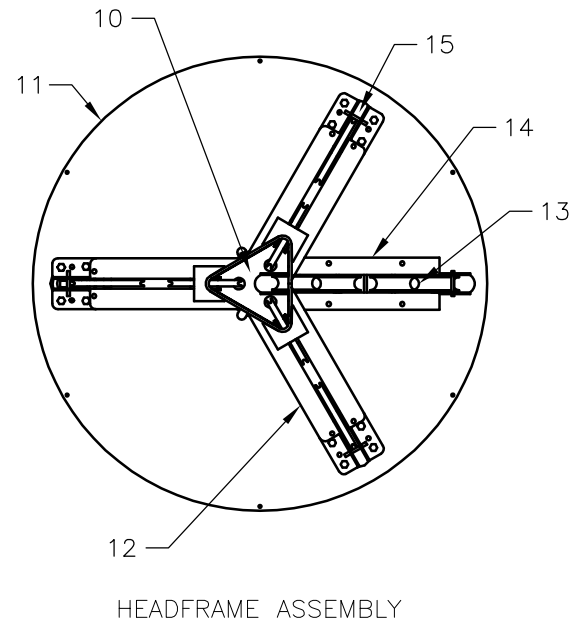
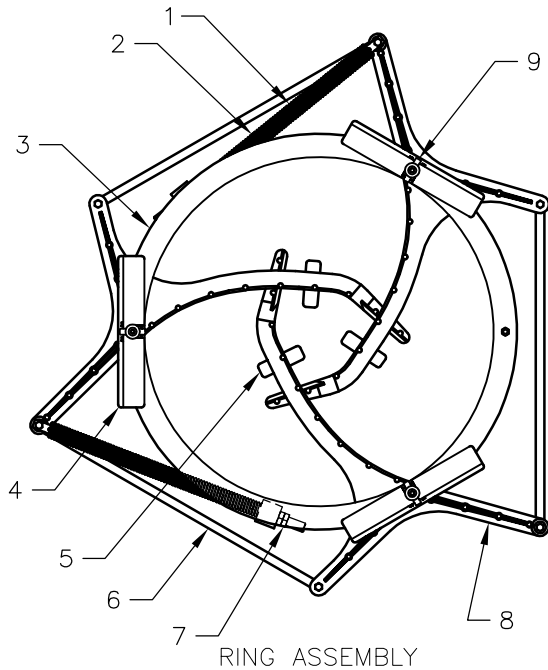
WEIGHT = 250 POUNDS

DIAMETER OF ASSEMBLY WITH LUMINAIRES VARIES FROM 8 TO 11 FEET

1. SPUN COPPER FREE ALUMINUM COVER
2. CAST HIGH STRENGTH COPPER FREE ALUMINUM LATCH BARREL
3. STAINLESS STEEL LATCH PIN
4. GALVANIZED STEEL LUMINAIRE RING
5. STAINLESS STEEL CENTERING SPRING
6. STEEL ADJUSTMENT NUT
7. STRANVISE WIRE ROPE GRIP
8. NON MARKING GUIDE ARM ROLLER
9. CAST ALUMINUM IRIS GUIDE ARM
10. GALVANIZED LUMINAIRE MOUNTING ARMS, LUMINAIRE TYPE DEPENDENT
11. JUNCTION BOX
12. REFLECTING LATCH INDICATOR
13. GALVANIZED HEADFRAME, SLIPFITS A 4.63 TO 4.75 O.D. POLE TOP OR TENON

SCALE 1/16

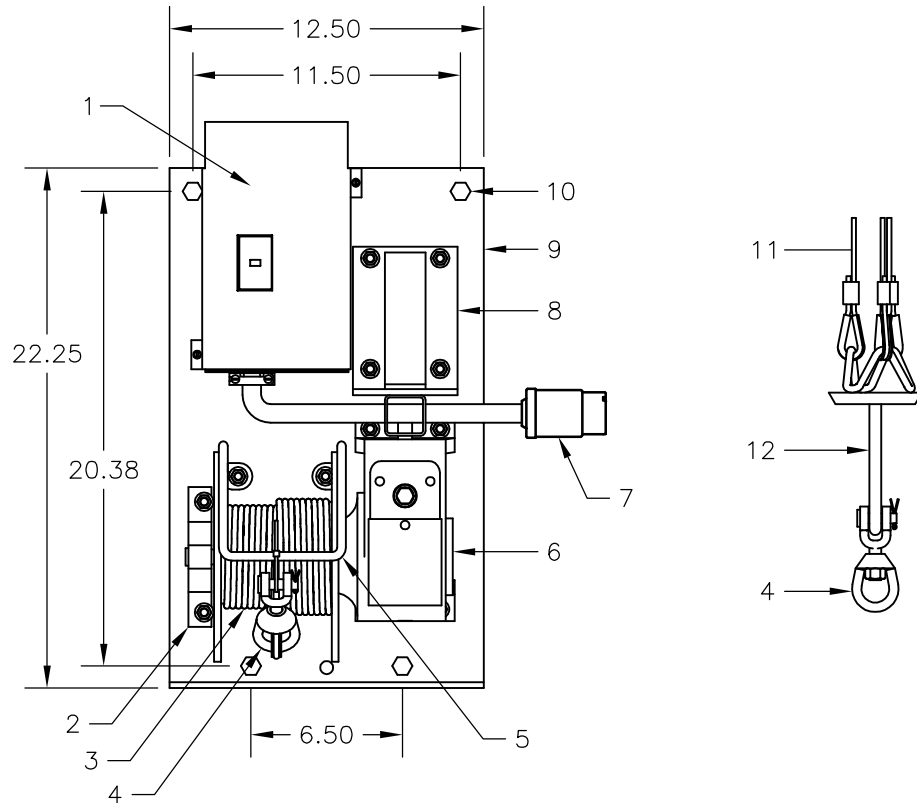
TYPE 05 HEADFRAME AND RING ASSEMBLY



1. STAINLESS STEEL CENTERING COMPRESSION SPRING
2. SOLID ALUMINUM GUIDE ROD
3. GALVANIZED STEEL LUMINAIRE RING
4. REFLECTING LATCH INDICATOR
5. NON MARKING GUIDE ARM ROLLER
6. ALUMINUM GUIDE ARM CONNECTING BRACKET
7. GUIDE ARM ADJUSTMENT NUT
8. CAST ALUMINUM IRIS GUIDE ARM
9. STAINLESS STEEL LATCH PIN
10. STEEL CABLE / CORD SEPARATOR WELDED IN SLIPFITTER
11. STEEL HEADFRAME PLATE
12. STEEL HOIST CABLE BRACKET
13. ACETAL RESIN CORD ROLLERS
14. STEEL POWER CORD ROLLER BRACKET
15. STEEL HOIST CABLE SHEAVE

SCALE 1/16

TYPE 05 WINCH PLATE ASSEMBLY

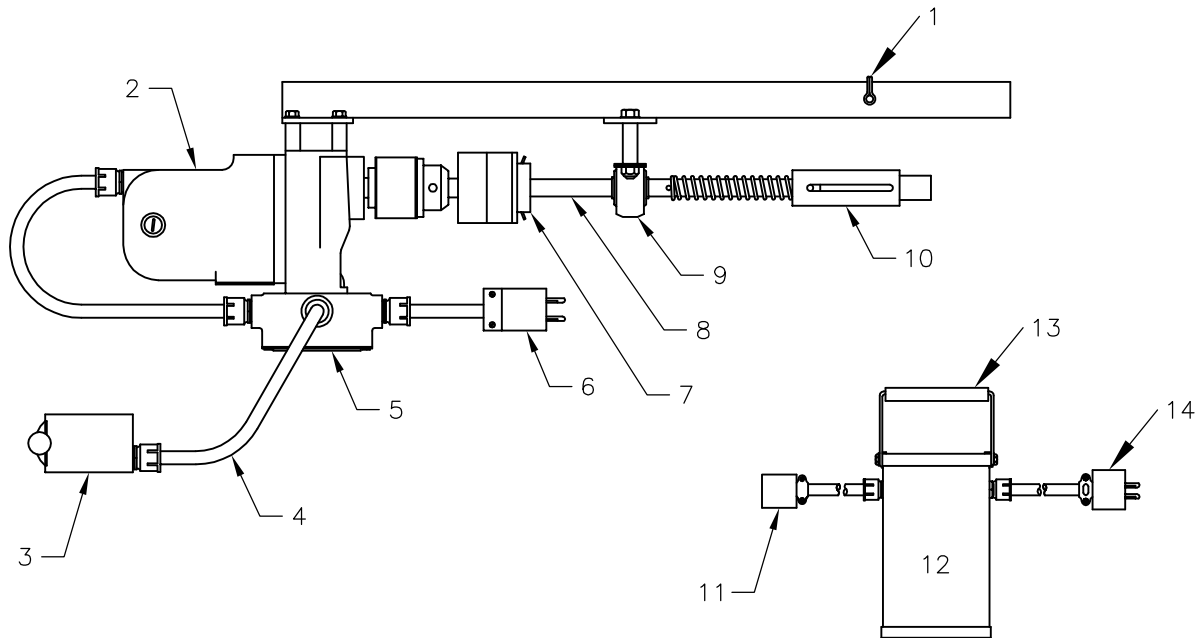


1. CIRCUIT BREAKER OR BREAKERS AND ENCLOSURE
2. WINCH OUTBOARD SUPPORT
3. 1/4" OR 5/16" DIAMETER WINCH CABLE, GALVANIZED OR STAINLESS STEEL
LENGTH EQUALS POLE HEIGHT PLUS 6 FEET
4. FORGED STEEL SWIVEL, 11,000 POUND ULTIMATE STRENGTH
5. WINCH CABLE GUARD
6. WINCH, 30:1 GEAR RATIO WITH INTERNAL DRAG BRAKE
7. POWER SUPPLY CORD AND CONNECTOR
8. STEEL POWER UNIT MOUNTING BRACKET
9. STEEL WINCH PLATE
10. 1/2-13 MOUNTING BOLT
11. 3/16" DIAMETER HOIST CABLES, GALVANIZED OR STAINLESS STEEL
12. STEEL CLEVIS TRANSITION ASSEMBLY

SCALE 1/16

LDM 1 1 240 30

TYPE 05 PORTABLE DRIVE MOTOR
LDM-W-X-Y-Z



1. HITCH PIN
2. 3/4" REVERSIBLE ELECTRIC MOTOR, 120 VOLTS, 11.5 AMP, 350 RPM
3. REVERSING DRUM SWITCH
4. CONTROL CORD, 20 FOOT LENGTH
5. WIRING HOUSING
6. PLUG TO MATE TO CONNECTOR IN POLE BASE OR TRANSFORMER SECONDARY
7. TORQUE LIMITER COUPLING
8. 3/4" STEEL SHAFT
9. PILLOWBLOCK
10. 5/8" HEX SOCKET CRANK SHAFT COUPLING
11. CONNECTOR TO MOTOR FROM 120V TRANSFORMER SECONDARY
12. STEPDOWN TRANSFORMER, 120V SECONDARY, 1.5 KVA FOR 240V, 277V AND 480V, 2.0 KVA FOR 208V
13. 1/2" CARRY HANDLE
14. PLUG TO CONNECTOR IN POLE BASE FROM TRANSFORMER PRIMARY

TYPICAL CATALOG NUMBER IS LDM-W-X-Y-Z WHERE:

- W = NUMBER OF CIRCUITS (1 OR 2)
- X = PHASE (1 FOR SINGLE PHASE, 3 FOR 3 PHASE OR 4 FOR 3 PHASE/4 WIRE)
- Y = VOLTAGE (120, 208, 240, 277, 480 OR 600)
- Z = AMPS (25, 30, 35, 45, 50, 60 OR 70)

CATALOG NUMBER LDM-