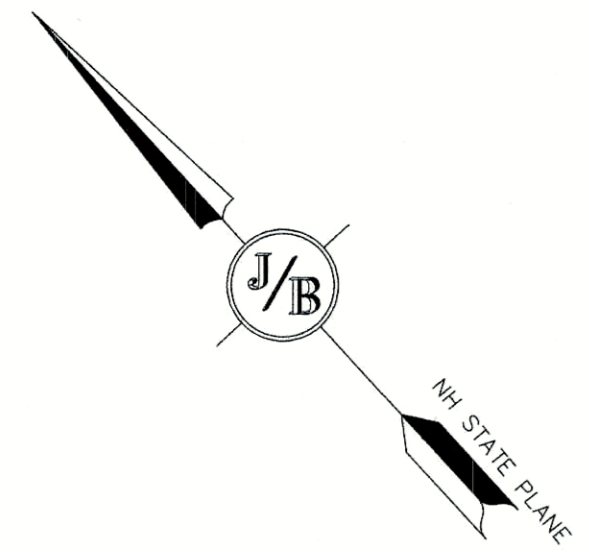


Symbol	Qty	Label	Arrangement	Description
S3	3	S3	SINGLE	GLEON-AF-02-LED-E1-SL3/ SSS4A20SFN1 (MTD ON A 2.5' BASE BY OTHERS) 22.5' AFG
S4	4	S4	SINGLE	GLEON-AF-04-LED-E1-SL4-WH/ SSS4A20SFN1-WH (MTDON 2.5' BASE BY OTHERS) 22.5' AFG

StatArea 1
STORAGE LOT
Illuminance (Fc)
Average = 2.80
Maximum = 6.3
Minimum = 0.9
Avg/Min Ratio = 3.11
Max/Min Ratio = 7.00



MAP 51 LOT 13
MCFARLAND REALTY TRUST
HENRY MCFARLAND, TRUSTEE
151 PORTSMOUTH AVE
EXETER, NH 03833
BK 4451 PG 426

MAP 51 LOT 14-1
MCFARLAND REALTY TRUST
HENRY MCFARLAND, TRUSTEE
151 PORTSMOUTH AVE
EXETER, NH 03833
BK 4451 PG 502

MAP 51 LOT 17
OSRAM SYLVANIA INC
ATTN: TAX DEPT
200 BALLARDALE ST
WILMINGTON, MA 01887
BK 1655 PG 95

MAP 66 LOT 2
NORTH COUNTRY TRUST
ATTN: JOHN BLANCHARD TRUSTEE
PO BOX 397
PRINCETON, MA 01541
BK 3262 PG 2641

PROJECT PARCEL
TOWN OF EXETER
TAX MAP 51, LOTS 14-1 & 17

APPLICANT
MCFARLAND FORD SALES, INC
151 PORTSMOUTH AVE
EXETER, NH 03833

TOTAL LOT AREA
939,154 SQ. FT.
21.56 ACRES

McGraw-Edison

DESCRIPTION
The GLEON™ LED luminaire delivers exceptional performance in a highly scalable, low-profile design. Patented, high-efficiency AccuLED Optics™ system provides uniform and energy conscious illumination to walkways, parking lots, roadways, building areas and scenic lighting applications. IP66 rated and ULcUL Listed for wet locations.

SPECIFICATION FEATURES

Construction
Extruded aluminum driver enclosure thermally isolated from Light Square for optimal thermal performance. Heavy-duty, die-cast aluminum and cage enclosure housing and die-cast aluminum heat sinks. A unique, patent pending interlocking housing and heat sink provides scalability with superior structural rigidity. 3D vibration tested and rated. Optional back-lash hardware available for ease of entry into electrical chamber. Housing is IP66 rated.

Optics
Patented, high-efficiency injection-molded AccuLED Optics technology. Optics are precisely designed to shape the distribution maximizing efficiency and application specific. AccuLED Optics create consistent distributions with the flexibility to meet customized application requirements. Offered standard in 5000K (+/-25% CCT), 70 CRI, Optional 3000K, 5000K and 6000K CCT.

Electrical
LED drivers are mounted to removable tray assembly for ease of maintenance. 120/277V (50/60Hz), 347V 60Hz or 480V 60Hz operation. 480V is compatible for use with 600V Wye systems only. Standard with 0-10V dimming. Shipped standard with Eaton proprietary circuit module designed to withstand 15kV of transient line surge. The Galleon LED luminaire is suitable for operation in 40°C to 40°C ambient environments. For applications with ambient temperatures exceeding 40°C, specify the SA (High Ambient) option. Light Squares are IP66 rated. Greater than 90% lumen maintenance expected at 60,000 hours. Available in standard 1A drive current and optional 800mA, 800mA and 1200mA drive currents (nominal).

Mounting
STANDARD ARM MOUNT: Extruded aluminum arm includes internal both guides allowing for easy positioning of fixture during mounting. When mounting two or more luminaires at 90° and 120° apart, the EA extended arm may be required. Refer to this arm mounting requirement table. Round pole option included. For wall mounting, specify wall mount bracket option. QUICK MOUNT ARM: Adapter is bolted directly to the pole. Quick mount arm slide into place on the adapter and is secured via two screws, facilitating quick and easy installation. The versatile, patent pending, quick mount arm accommodates multiple drill patterns ranging from 1-1/2" to 4-7/8". Removal of the door on the quick mount arm enables wiring of the fixture without having to access the driver compartment. A knock-out enables round pole mounting.

Finish
Housing finished in super durable TGIC polyester powder coat paint. 2.5 mil nominal thickness for superior protection against fade and wear. Heat sink is powder coated black. Standard housing colors include black, bronze, grey, white, dark platinum and granite metallic. RAL and custom color matches available.

Warranty
Five-year warranty.

1-10 Light Squares
Solid State LED

AREA/SITE LUMINAIRE

CERTIFICATION DATA
ULCUL Listed luminaire
E150 800K
LAMP: LM80 Compliant
30 Vibration Rated
EMC Compliant
Design Lights Consortium™ Qualified

ENERGY DATA
Electronic LED Driver
9.8 Power Factor
20% Total Harmonic Distortion
150V/277V Voltage
347V & 480V 60Hz
40°C Max. Temperature
60°C Max. Temperature (SA Option)

TESTED
THERMOSEN
January 17, 2019 2:38 PM

Steel Poles

DESIGN CONSIDERATIONS
Wind induced vibrations resulting from steady, unidirectional winds and other atmospheric forces, as well as vibration and coefficient of freight factors for non-ground mounted installations (e.g., installation on bridge, overpass, etc.) are included in this document. The information contained herein is for general guidance only and is not a substitute for professional engineering. Consult with a professional engineer and local building departments, before ordering to ensure product is appropriate for the intended purpose and installation location. Also, please review Light Pole White Paper for load factors and design considerations. (LSP-0101)

ORDERING INFORMATION

Product Family	Height	Mounting	Base	Finish	Mounting Type	Number and Location of Arms	Arm Length (ft)	Options
SSS-Square	4'-0"	4'-0" x 4'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	6'-0"	6'-0" x 6'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	8'-0"	8'-0" x 8'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	10'-0"	10'-0" x 10'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	12'-0"	12'-0" x 12'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	14'-0"	14'-0" x 14'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	16'-0"	16'-0" x 16'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	18'-0"	18'-0" x 18'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	20'-0"	20'-0" x 20'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	22'-0"	22'-0" x 22'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	24'-0"	24'-0" x 24'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	26'-0"	26'-0" x 26'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	28'-0"	28'-0" x 28'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	30'-0"	30'-0" x 30'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	32'-0"	32'-0" x 32'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	34'-0"	34'-0" x 34'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	36'-0"	36'-0" x 36'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	38'-0"	38'-0" x 38'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	40'-0"	40'-0" x 40'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	42'-0"	42'-0" x 42'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	44'-0"	44'-0" x 44'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	46'-0"	46'-0" x 46'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	48'-0"	48'-0" x 48'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	50'-0"	50'-0" x 50'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	52'-0"	52'-0" x 52'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	54'-0"	54'-0" x 54'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	56'-0"	56'-0" x 56'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	58'-0"	58'-0" x 58'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	60'-0"	60'-0" x 60'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	62'-0"	62'-0" x 62'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	64'-0"	64'-0" x 64'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	66'-0"	66'-0" x 66'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	68'-0"	68'-0" x 68'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	70'-0"	70'-0" x 70'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	72'-0"	72'-0" x 72'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	74'-0"	74'-0" x 74'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	76'-0"	76'-0" x 76'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	78'-0"	78'-0" x 78'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	80'-0"	80'-0" x 80'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	82'-0"	82'-0" x 82'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	84'-0"	84'-0" x 84'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	86'-0"	86'-0" x 86'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	88'-0"	88'-0" x 88'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	90'-0"	90'-0" x 90'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	92'-0"	92'-0" x 92'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	94'-0"	94'-0" x 94'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	96'-0"	96'-0" x 96'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	98'-0"	98'-0" x 98'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	100'-0"	100'-0" x 100'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	102'-0"	102'-0" x 102'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	104'-0"	104'-0" x 104'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	106'-0"	106'-0" x 106'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	108'-0"	108'-0" x 108'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	110'-0"	110'-0" x 110'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	112'-0"	112'-0" x 112'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	114'-0"	114'-0" x 114'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	116'-0"	116'-0" x 116'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	118'-0"	118'-0" x 118'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	120'-0"	120'-0" x 120'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	122'-0"	122'-0" x 122'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	124'-0"	124'-0" x 124'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	126'-0"	126'-0" x 126'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	128'-0"	128'-0" x 128'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	130'-0"	130'-0" x 130'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	132'-0"	132'-0" x 132'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	134'-0"	134'-0" x 134'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	136'-0"	136'-0" x 136'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	138'-0"	138'-0" x 138'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	140'-0"	140'-0" x 140'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	142'-0"	142'-0" x 142'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	144'-0"	144'-0" x 144'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	146'-0"	146'-0" x 146'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	148'-0"	148'-0" x 148'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	150'-0"	150'-0" x 150'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	152'-0"	152'-0" x 152'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	154'-0"	154'-0" x 154'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	156'-0"	156'-0" x 156'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	158'-0"	158'-0" x 158'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	160'-0"	160'-0" x 160'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	162'-0"	162'-0" x 162'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	164'-0"	164'-0" x 164'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	166'-0"	166'-0" x 166'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	168'-0"	168'-0" x 168'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	170'-0"	170'-0" x 170'-0"	24"	Black	2-3' x 3'-0" O.D. Round (F Long)	2 @ 180°	2'-0"	4-1/2" Tapped Head
Straight	172'-0"	172'-0" x 172'-0"	24"	Black	2-3' x 3			