



| Symbol | Qty | Label | Description | Arrangement | LLF | Lum. Watts | Lum. Lumens |
|--------|-----|-------|-------------------------------------|-------------|-------|------------|-------------|
| → | 2 | A | Visionaire # VMX-1-T3-96LC-5-4K-UNV | SINGLE | 0.900 | 157 | 16961 |
| → | 6 | B | Visionaire # VMX-1-T4-96LC-7-4K-UNV | SINGLE | 0.900 | 212 | 24912 |
| → | 2 | C1 | Visionaire # VSC-1-T4-32LC-5-4K-UNV | SINGLE | 0.900 | 52 | 6228 |
| → | 2 | C2 | Visionaire # VSC-1-T3-32LC-5-4K-UNV | SINGLE | 0.900 | 52 | 6364 |
| → | 4 | C3 | Visionaire # VSC-1-T3-16LC-5-4K-UNV | SINGLE | 0.900 | 26 | 3160 |
| → | 2 | C4 | Visionaire # VSC-1-T4-16LC-5-4K-UNV | SINGLE | 0.900 | 26 | 3093 |
| ○ | 10 | D1 | Nora Lighting # NC-431L8540WWSF | SINGLE | 0.850 | 10.6 | 708 |

| Label | CalcType | Units | Avg | Max | Min | Avg/Min | Max/Min |
|---------------------|-------------|-------|------|------|-----|---------|---------|
| Overall Calc Points | Illuminance | Fc | 1.98 | 15.3 | 0.0 | N.A. | N.A. |
| Under Canopy | Illuminance | Fc | 5.57 | 10.8 | 1.9 | 2.93 | 5.68 |
| Parking Area | Illuminance | Fc | 3.47 | 15.3 | 0.6 | 5.78 | 25.50 |

SK & Associates
 Experience the light™
 T - 781-821-1700
 www.skandassociates.com

PROJECT NAME
Groton Senior Center- Site

CLIENT
**John Murphy, Jr
 Electrical
 Construction &
 Engineering, Inc.**

SEAL

| REVISIONS | | |
|-----------|-------------|------|
| No. | Description | Date |
| 5. | | |
| 4. | | |
| 3. | | |
| 2. | | |
| 1. | | |

Issue Date: February 13, 2018
 Project #:
 Drawn: 18031
 Checked: TJ
 Approved: TJ
 Scale: VM

DRAWING NAME
**Site Lighting-
 Lighting Plan,
 Photometrics and
 Schedules**

DRAWING NUMBER
SL1

ABBREVIATIONS:
 Avg= Average
 AFG= Above Finished Grade
 CF = Compact Fluorescent
 CV= Coefficient of variation
 fc = Footcandles
 HPS = High Pressure Sodium
 LLF= Light Loss Factor
 MH = Mounting Height
 NTS = Not to Scale
 PSMH = Pulse Start Metal Halide
 SF = Square foot
 W = Watts

- NOTES:
- CALCULATION POINTS INDICATED ARE BASED ON MAINTAINED FOOTCANDLE (FC) LEVELS AFTER A LIGHT LOSS FACTOR (LLF) IS APPLIED TO FIXTURE. REFER TO SCHEDULES FOR LLF AND LUMEN INFORMATION.
 - REFER TO PLAN FOR FIXTURE MOUNTING HEIGHTS.
 - CALCULATION POINTS TAKEN AT GRADE.