



- LEGEND**
- ⊙ FIXTURE TYPE, REFER TO LUMINAIRE LIST
 - POLE LIGHT, 20' (TYPE 2 ARE 12')
 - WALL PACK, MOUNT AT 9'
 - BOLLARD STYLE LUMINAIRE, 42"
- NOTES**
1. TYPE 1 AND TYPE 4 LUMINAIRES ARE POLE MOUNTED AT 20'.
 2. TYPE 2 LUMINAIRES ARE POLE MOUNTED AT 12'.
 3. REDUCE TYPE 5 LUMEN OUTPUT (FIELD ADJUSTABLE) TO 600 LUMENS (FAWS SETTING 25%), MOUNT AT 9'.
 4. REDUCE TYPE 6 LUMEN OUTPUT (FIELD ADJUSTABLE) TO 1200 LUMENS (FAWS SETTING 50%), MOUNT AT 9'.

Luminaire list (Beacon St)								
Index	Manufacturer	Article name	Item number	Fitting	Luminous flux	Light loss factor	Connected load	Quantity
1	PHILIPS GARDCO	Pureform COMFORT Area (P26), 140 LED's, 3000K CCT, TYPE 3 OPTIC,	P26-140L-210 0-WW-G2-3-U NV	1x(1) Square Light Guide Plate DRIVEN AT 700mA	9641 lm	0.80	95.8 W	2
2	PHILIPS GARDCO	Pureform COMFORT Area (P26), 140 LED's, 3000K CCT, TYPE 3 OPTIC,	P26-140L-650 -WW-G2-3-UN V	1x(1) Square Light Guide Plate DRIVEN AT 500mA	3424 lm	0.80	30.4 W	2
3	SIGNIFY GARDCO	Pureform Gen2 - PBL Bollard	PBL-14L-100-NW-G2-3-UNV	1x	250 lm	0.80	6.1 W	2
4	PHILIPS GARDCO	Pureform COMFORT Area (P26), 140 LED's, 3000K CCT, TYPE 3 OPTIC,	P26-140L-115 0-WW-G2-3-U NV	1x(1) Square Light Guide Plate DRIVEN AT 500mA	5801 lm	0.80	52.2 W	2
5	SIGNIFY GARDCO	Pureform COMFORT Sconce (PWS), 140 LED's, 4000K CCT, TYPE 2 OPTIC,	PWS-140L-450 -NW-G2-2-UN V	1x(1) Square Light Guide Plate DRIVEN AT 450mA	1000 lm	0.80	22.3 W	3
6	SIGNIFY GARDCO	Pureform COMFORT Sconce (PWS), 140 LED's, 4000K CCT, TYPE 2 OPTIC,	PWS-140L-450 -NW-G2-2-UN V	1x(1) Square Light Guide Plate DRIVEN AT 450mA	1200 lm	0.80	22.3 W	2
7	SIGNIFY GARDCO	Pureform Gen2 - PBL Bollard	PBL-14L-100-NW-G2-5-UNV	1x	538 lm	0.80	6.1 W	1

#	Name	Parameter	Min	Max	Average	Mean/Min	Max/Min
1	Parking Lot	Horizontal illuminance	0.36 fc	3.63 fc	1.38 fc	3.80	10.00
2	Side Walkway	Horizontal illuminance	0.95 fc	2.04 fc	1.46 fc	1.53	2.14

#	Name	Parameter	Min	Max	Average	Mean/Min	Max/Min
1	Overflow	Horizontal illuminance	0.099 fc	3.33 fc	0.93 fc	9.42	33.84

DESIGNER REVIEWER

DATE

DESCRIPTION

No.

1.

No.

1.0

5

10

SCALE: 1" = 10'

HORIZ: 1" = 10'

VERT: 1" = 10'

DATUM:

HORIZ: 1" = 10'

VERT: 1" = 10'

GRAPHIC SCALE

FUSS & O'NEILL

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UNION TWIST, INC.

SITE LIGHTING PHOTOMETRIC PLAN

1158 BEACON STREET

NEWTON MASSACHUSETTS

PROJ. No.: 20190241.A30

DATE: 10/23/2019

SL-101