Luminaire Schedule

Symbol	Qty	Label	Arrangement	Lum. Lumens	Arr. Lum. Lumens	Lum. Watts	Arr. Watts	LLF	Description	(MANUFAC)
	2	P1	SINGLE	7469	7469	55.8	55.8	0.900	ASL-16L-4K-140-4	Hubbell Outdoor

Calculation Summary

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	Description
PARKING LOT_Planar	Illuminance	Fc	0.91	2.9	0.2	4.55	14.50	READINGS TAKEN @ GRADE LEVEL

Luminaire Location Summary

LumNo	Label	X	Y	Z	Orient	Tilt
1	P1	21.25	119.5	25	305	0
2	P1	116.25	29.25	25	145	0

Parking Lot Design Guide	Basic (for typical conditions)	Basic Enhanced Security (in consideration of personal security or vandalism)	Security (security lighting for public spaces)	High Security (security lighting for public spaces)
	lux/fc	lux/fc	lux/fc	lux/fc
Minimum Horizontal Illuminance (Measured on parking surface without any shadowing from any objects)	2.0/0.2	5.0/0.5	10.0/1.0	30.0-60.0/3.0-6.0
Uniformity Ratio Maximum - to - Minimum	20:1	15:1	15:1	*4:1 *Avg-Min
Minimum Vertical Illuminance (for facial recognition measured at 5' above the parking surface at the point of lowest horizontal illuminance)	1.0/0.1	2.5/0.25	5.0-8.0/0.5-0.8	12-60/1.2-6.0

Recommendations based on RP-33-99, RP-20-98, 9th Edition IESNA Lighting Handbook

PHOTOMETRIC LAYOUT
SCALE : NTS

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40 Landmar Parkway, Suite 3
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STATEMENT OF COMPLIANCE

Seal

KATIA MOTAMEDI
062-56172
REGISTERED PROFESSIONAL ENGINEER OF ILLINOIS
LICENSE EXP. 11-30-19

ISSUE FOR	DATE
REVIEW	10/16/17
REVIEW	10/25/17
REVIEW	11/14/17
REVIEW	11/20/17
REVIEW	11/29/17

DRAWN BY:	SGM
APPROVED:	SGM
PROJECT NO.	17-046
DATE	10/11/17

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TENANT IMPROVEMENTS FOR:

PIONEER CHILD CARE SERVICES, INC.

18W375 E. ROOSEVELT RD.
DUPAGE CTY., ILLINOIS

SHEET DESCRIPTION

PHOTOMETRIC LAYOUT

SHEET NUMBER

PE