

Lighting Specification Design of 50 FOOT CANDLES

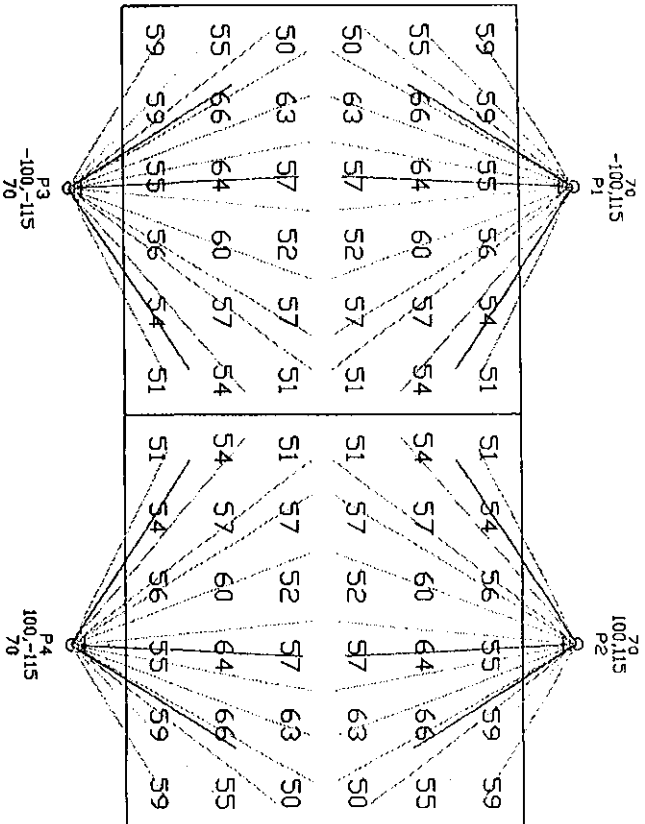
NEMA 5
 HUBBELL SLS1500Hx5xV2
 Initial Lumens per lamp = 170000
 Light Loss Factor = 0.800
 Watts per luminaire = 1610
 Candela file name: SLS1500H-5-V2.IES
 Number luminaires used = 4
 kw these luminaires = 6.4

NEMA 4
 HUBBELL SLS1500Hx4xV2
 Initial Lumens per lamp = 170000
 Light Loss Factor = 0.800
 Watts per luminaire = 1610
 Candela file name: SLS1500H-4-V2.IES
 Number luminaires used = 12
 kw these luminaires = 19.3

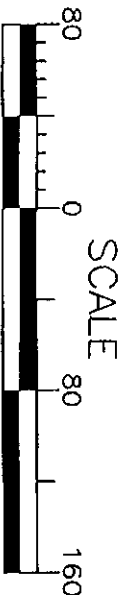
NEMA 3
 HUBBELL SLS1500Hx3xV2
 Initial Lumens per lamp = 170000
 Light Loss Factor = 0.800
 Watts per luminaire = 1610
 Candela file name: SLS1500H-3-V2.IES
 Number luminaires used = 48
 kw these luminaires = 77.3

Multi-Purpose Field
 72 points at z=3, SP 30ft by 30ft
 HORIZONTAL FOOTCANDLES

Average 57
 Maximum 66
 Minimum 50
 Avg:Min 1.13
 Max:Min 1.32
 Coef Var 0.08
 UnifGrad 1.26



Pole	x-loc	y-loc	height	NEMA 3	NEMA 4	NEMA 5	Total	kw
P1	-100	115	70ft	12	3	1	16	25.8
P2	100	115	70ft	12	3	1	16	25.8
P3	-100	-115	70ft	12	3	1	16	25.8
P4	100	-115	70ft	12	3	1	16	25.8
Total				48	12	4	64	103.0



Calculated light levels and illuminations are based on specific information that has been supplied to TSL. Any alterations in luminaire installation, signed area geometry and conditions at the light site may produce different results. The manufacturer's Normal tolerances of voltage, lamp output, and luminaire and luminaire manufacturer will affect results.

DATE: 7/05/18

REV: 01

CHECK BY:

DRAWING NUMBER: A070518TSL2

BY: