

Lighting Report

R.I. Suresky & Sons, Inc.

Town of Chester

County of Orange, NY

Prepared by:

Big Shine Energy

New Windsor, New York

July 2015

Table of contents

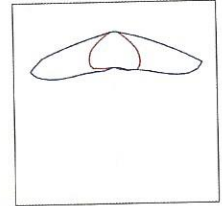
1		1
	Table of c	2
	Luminaire parts list	3
	Luminaire Data Sheet	4
	Luminaire Data Sheet	5
	Planning data	6
	Luminaire parts list	7
	luminaires (layout plan)	8
	3D Rendering	9
	False Color Rendering	
	Exterior Surfaces	10
	Isolines (E)	11
	Greyscale (E)	12
	Value Chart (E)	

Big Shine LED
121 Executive Drive New Windsor NY 12553..

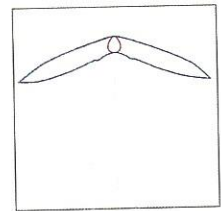
50(XH)

Model BSL-ST-SB-MN150
Luminous flux (Luminaire): 14089 lm
Luminous flux (Lamps): 14089 lm
Luminaire Wattage: 154.8 W
Luminaire classification according to CIE: 100
CIE flux code: 34 71 96 100 100
Fitting: 1 x 60Pcs Cree XTE-5000K-Ra70
(Correction Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.



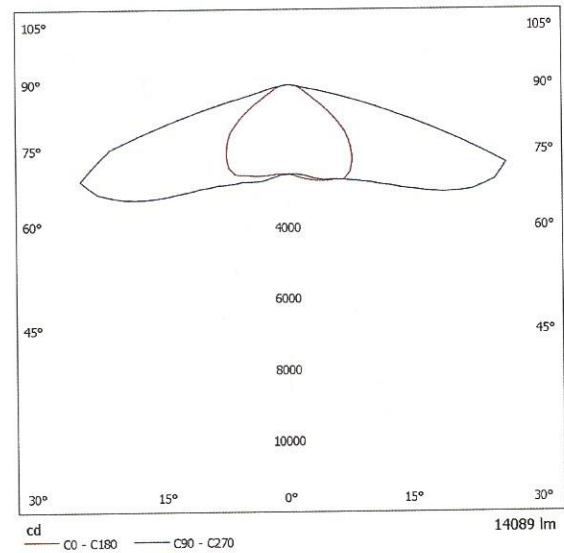
8 Pieces Big Shine LED FLOOD LIGHT
Model BSL-ST-SB-MN150
Luminous flux (Luminaire): 7760 lm
Luminous flux (Lamps): 7701 lm
Luminaire Wattage: 98.6 W
Luminaire classification according to CIE: 100
CIE flux code: 32 65 95 100 101
Fitting: 1 x YHL-FL-90 (Correction Factor 1.000).



BSL-ST-SB-MN150 / Luminaire Data Sheet

See our luminaire catalog for an image of the luminaire.

Luminous emittance 1:



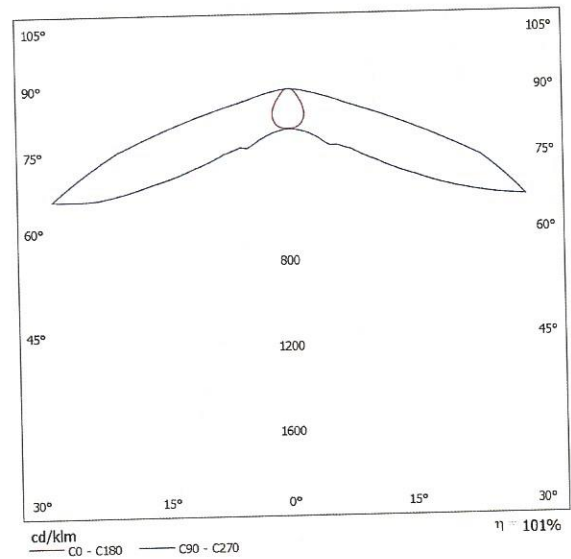
Luminaire classification according to CIE: 100
CIE flux code: 34 71 96 100 100

Due to missing symmetry properties, no UGR table can be displayed for this luminaire.

Luminaire Data Sheet

See our luminaire catalog for an image of the luminaire.

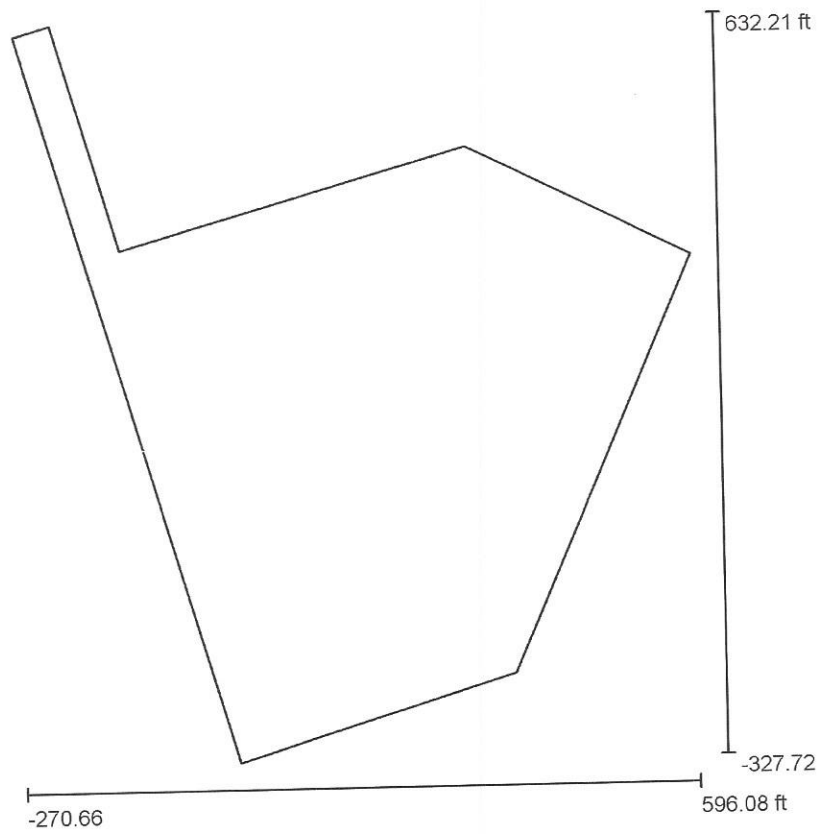
Luminous emittance 1:



Luminaire classification according to CIE: 100
CIE flux code: 32 65 95 100 101

Due to missing symmetry properties, no UGR table
can be displayed for this luminaire.

1 / Planning data



Light loss factor: 0.80, ULR (Upward Light Ratio): 0.0%

Scale 1:2712

Luminaire Parts List

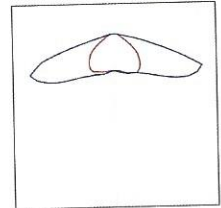
No.	Pieces	Designation (Correction Factor)	Φ (Luminaire) [lm]	Φ (Lamps) [lm]	P [W]
1	98	BSL-ST-SB-MN150 (1.000)	14089	14089	154.8
2	8	Big Shine LED FLOOD LIGHT (1.000)	7760	7701	98.6
Total:			1442820	Total: 1442349	15959.2

1 / Luminaire parts list

98 Pieces BSL-ST-SB-MN150

Luminous flux (Luminaire): 14089 lm
Luminous flux (Lamps): 14089 lm
Luminaire Wattage: 154.8 W
Luminaire classification according to CIE: 100
CIE flux code: 34 71 96 100 100
Fitting: 1 x 60Pcs Cree XTE-5000K-Ra70
(Correction Factor 1.000).

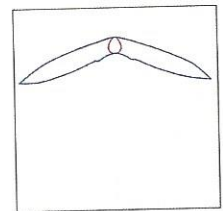
See our luminaire
catalog for an image of
the luminaire.



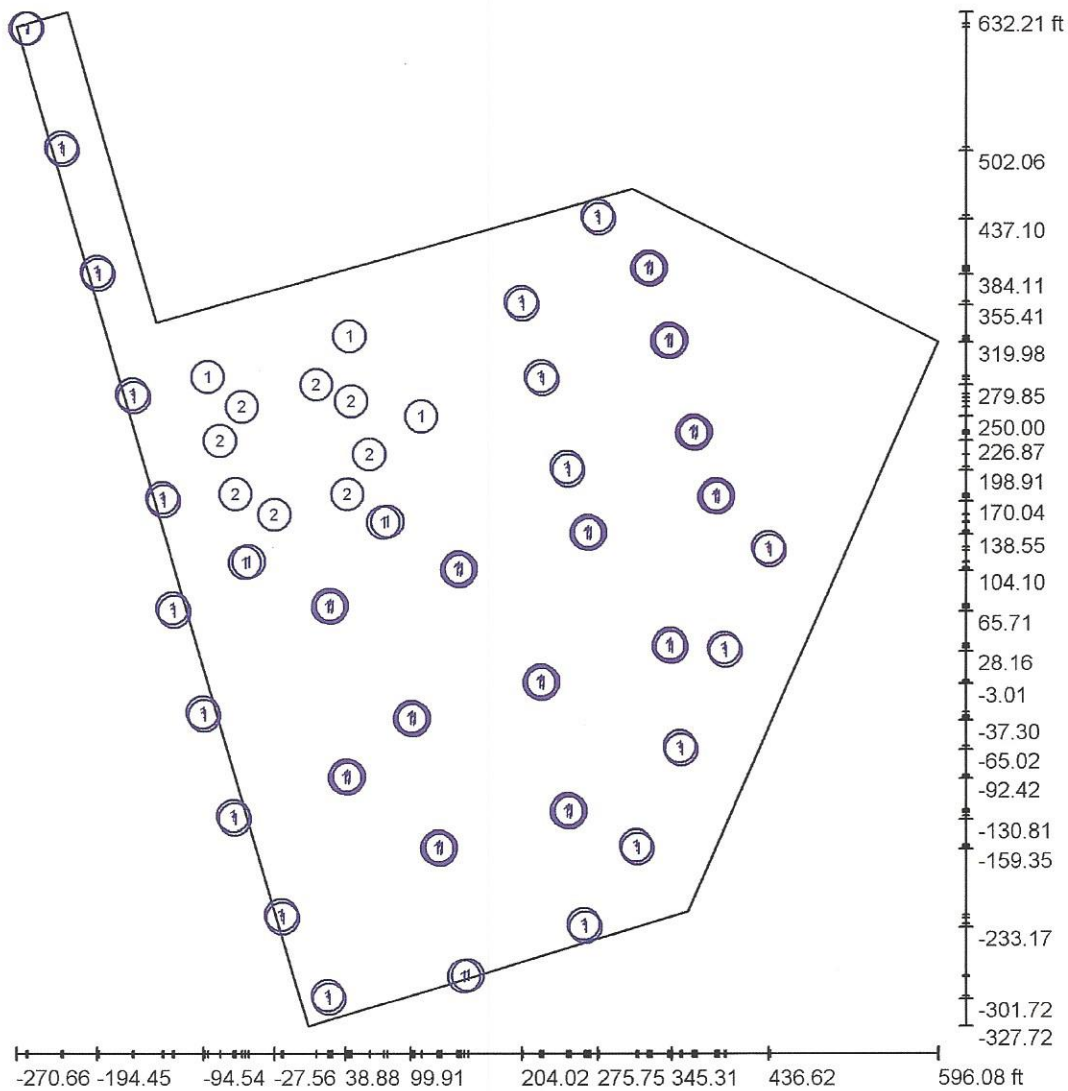
8 Pieces Big Shine LED LED FLOOD LIGHT

Model BSL-ST-SB-MN150
Luminous flux (Luminaire): 7760 lm
Luminous flux (Lamps): 7701 lm
Luminaire Wattage: 98.6 W
Luminaire classification according to CIE: 100
CIE flux code: 32 65 95 100 101
Fitting: 1 x YHL-FL-90 (Correction Factor 1.000).

See our luminaire
catalog for an image of
the luminaire.



1 / Luminaires (layout plan)

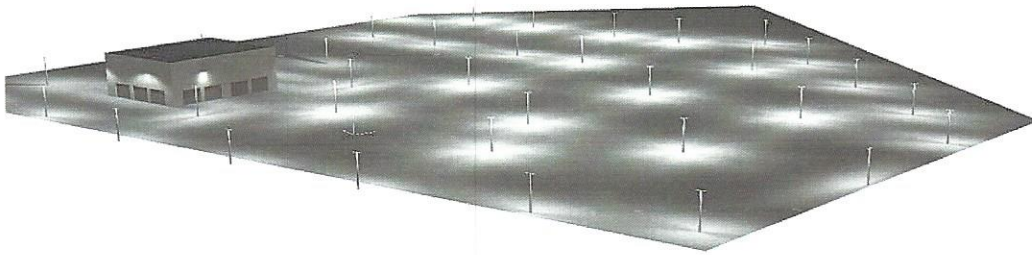


Scale 1 : 1979

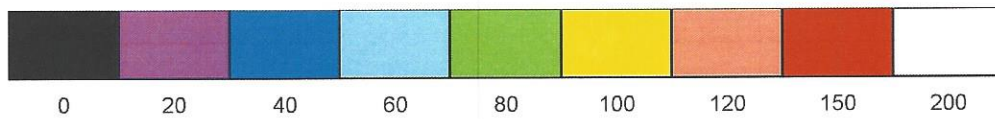
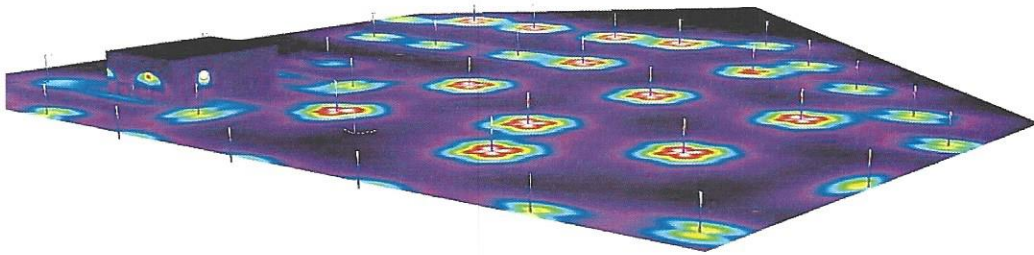
Luminaire Parts List

No.	Pieces	Designation
1	98	BSL-ST-SB-MN150
2	8	Big Shine LED FLOOD LIGHT

1 / 3D Rendering

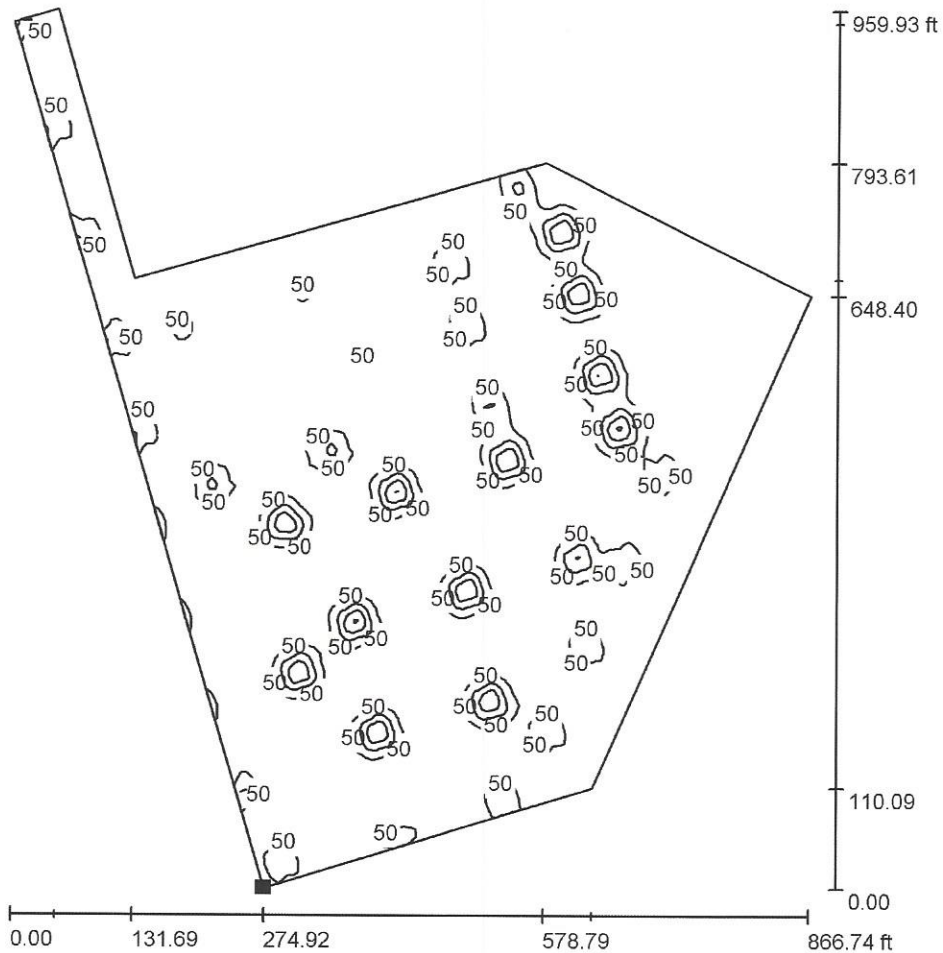


1 / False Color Rendering



lx

1 / Isolines (E)

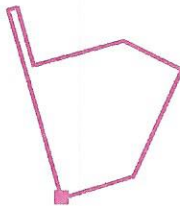


Values in Lux, Scale 1 : 2288

Position of surface in external scene:

Marked point:

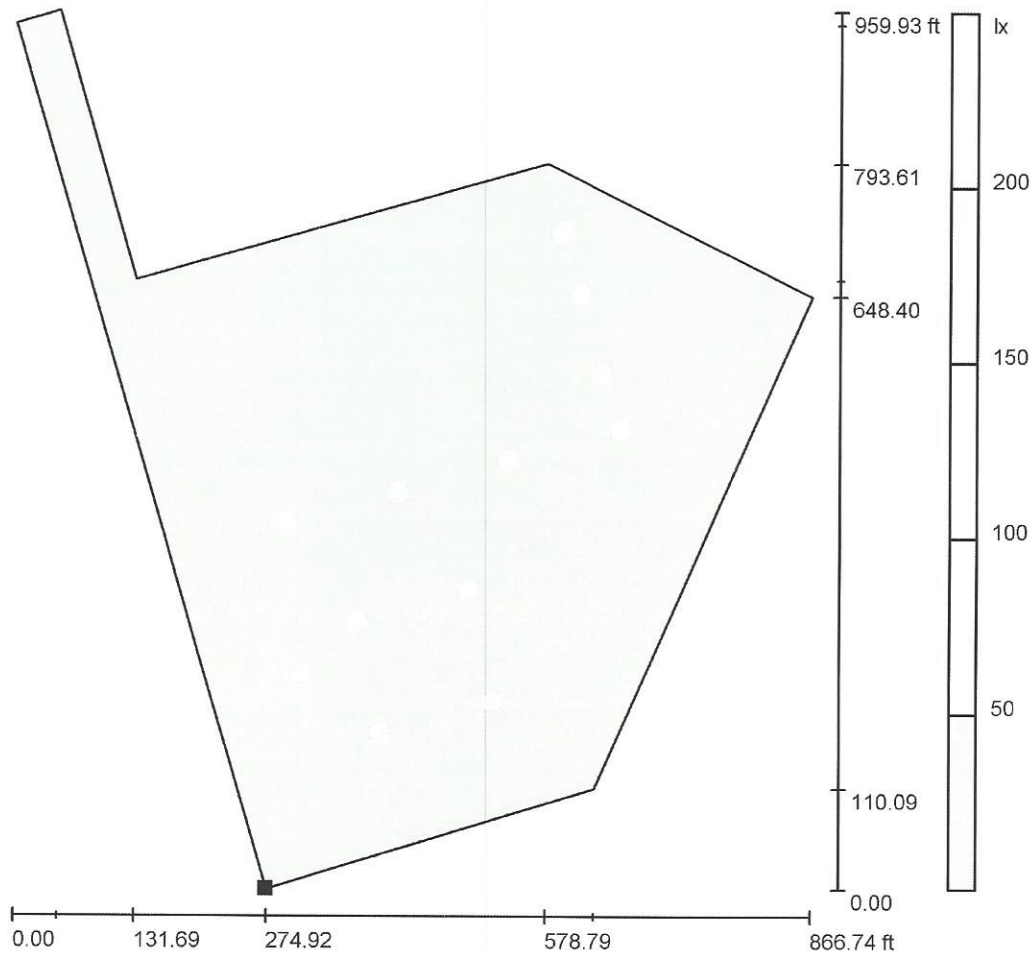
(4.264 ft, -327.721 ft, 0.000 ft)



Grid: 128 x 128 Points

 E_{av} [lx]
24 E_{min} [lx]
0.00 E_{max} [lx]
224 u_0
0.000 E_{min} / E_{max}
0.000

1 / Greyscale (E)

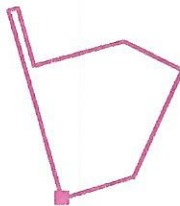


Scale 1 : 2288

Position of surface in external scene:

Marked point:

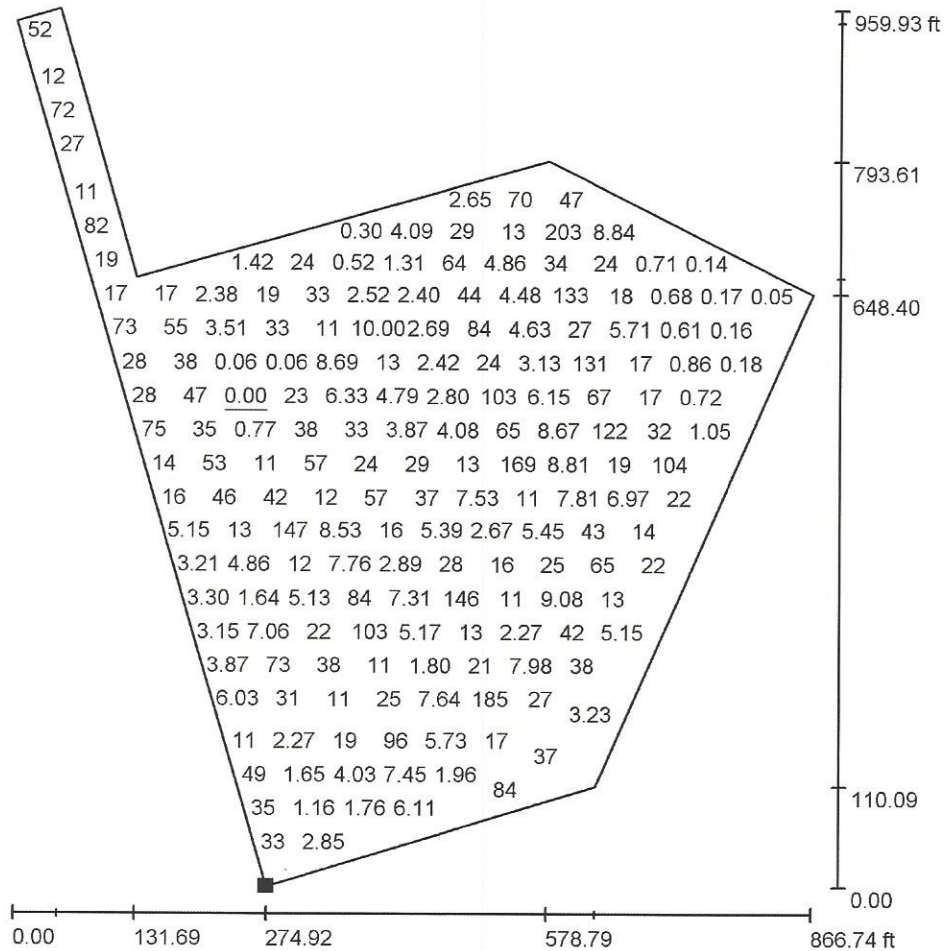
(4.264 ft, -327.721 ft, 0.000 ft)



Grid: 128 x 128 Points

 E_{av} [lx]
24 E_{min} [lx]
0.00 E_{max} [lx]
224u0
0.000 E_{min} / E_{max}
0.000

1 / Value Chart (E)

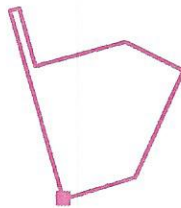


Not all calculated values could be displayed.

Position of surface in external scene:

Marked point:

(4.264 ft, -327.721 ft, 0.000 ft)



Grid: 128 x 128 Points

E_{av} [lx]
24

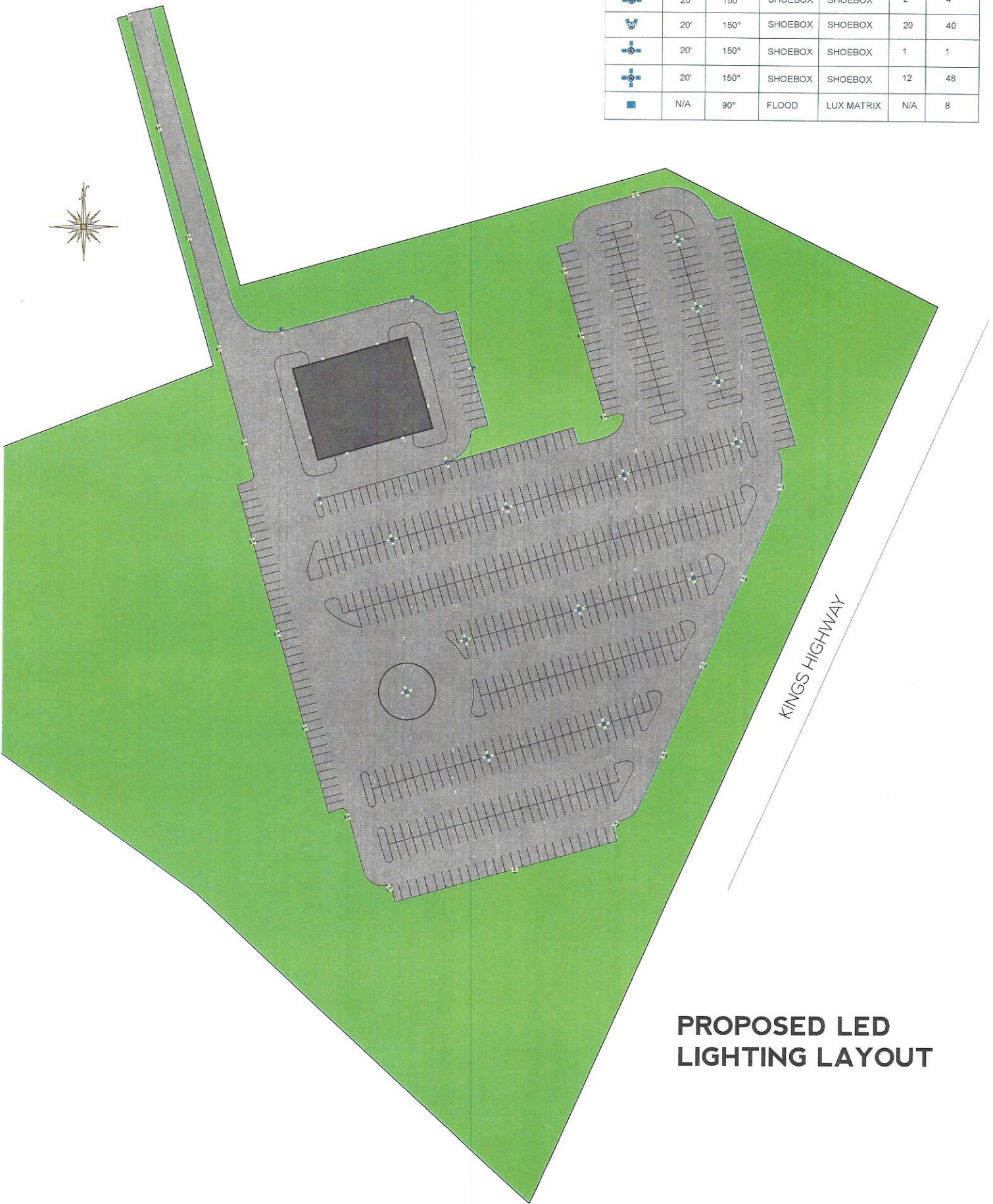
E_{min} [lx]
0.00

E_{max} [lx]
224

u_0
0.000

E_{min} / E_{max}
0.000

SETUP	HEIGHT	ANGLE	FIX. TYPE	NAME	QTY	FIX QTY
	20'	150°	SHOEBOX	SHOEBOX	3	3
	20'	150°	SHOEBOX	SHOEBOX	2	4
	20'	150°	SHOEBOX	SHOEBOX	20	40
	20'	150°	SHOEBOX	SHOEBOX	1	1
	20'	150°	SHOEBOX	SHOEBOX	12	48
	N/A	90°	FLOOD	LUX MATRIX	N/A	8



**PROPOSED LED
LIGHTING LAYOUT**