

## Henderson, Kyle R.

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**From:** Wolfe, Todd <ToddWolfe@alliantenergy.com>  
**Sent:** Wednesday, June 15, 2016 11:19 AM  
**To:** Henderson, Kyle R.  
**Subject:** Shilberg Park-Milton lights  
**Attachments:** 250w HPS.pdf

Kyle

All the roadway lights in the parking area are 250w type 2/3 semi-cutoff lights mounted on 35ft direct bury concrete poles. The mounting height will be at about 30ft and all existing poles are spaced 175ft apart. I have attached some light info for you to look at. Thanks

Please call or e-mail me with any questions. Thanks

*Todd M. Wolfe*

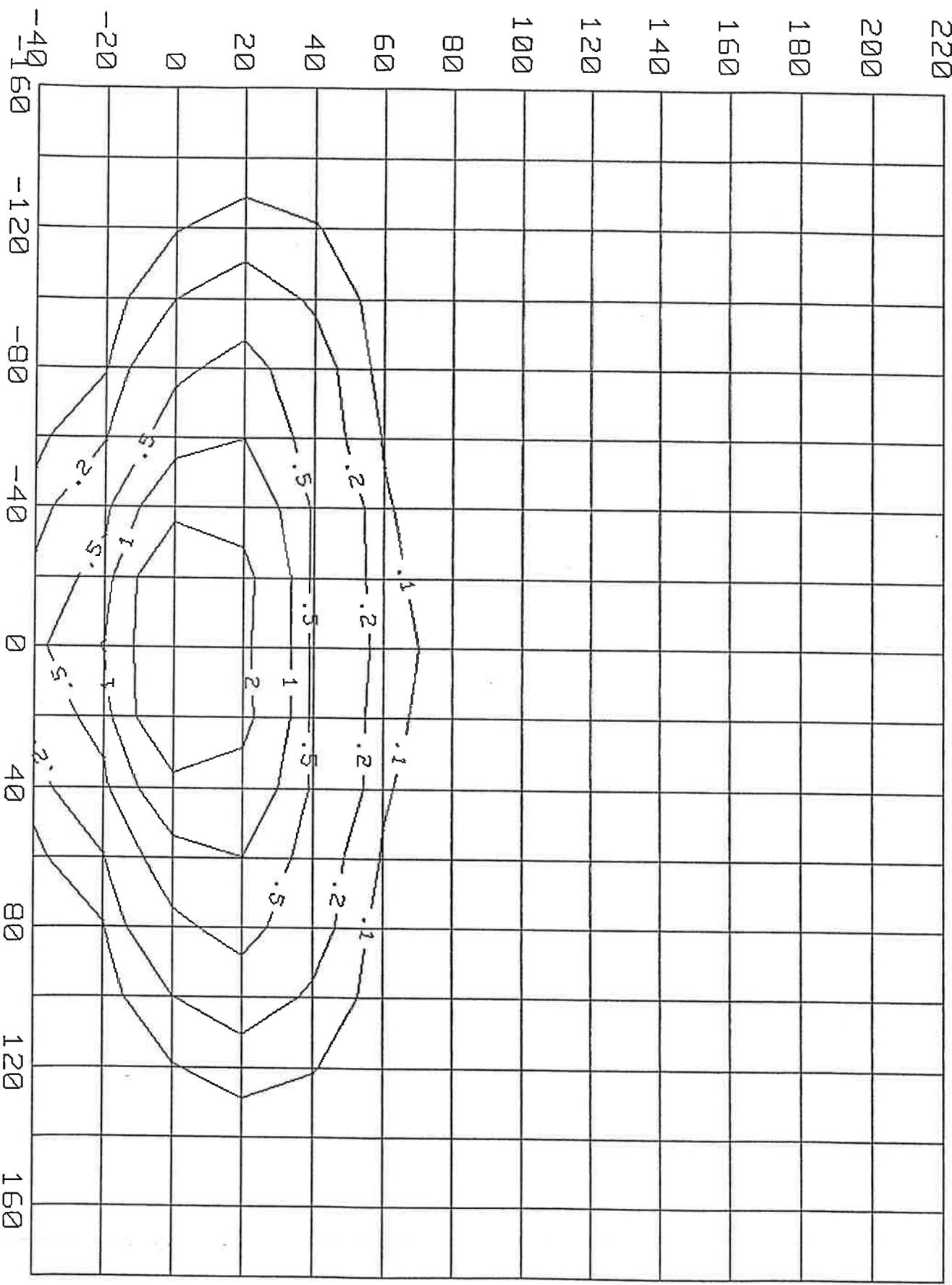
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GE LIGHTING SYSTEMS - ISO-ILLUMINATION DIAGRAM

M-250A2  
 Lamp: HPS 200-250  
 Mounting Height: 30.0  
 Scale: 1 Inch = 40.0  
 Pole is Luminaired/Location: 1  
 Photometric Axis is Aimed Out 0.0 from the Pole Base.

QTY: 1  
 Lumens: 7263

MF: 0.90  
 24750  
 M-S-I ]



250 Watt  
 HPS COBRA  
 TYPE II  
 Medium Cut-Off

## Illumination Array for Template Generation using ISO Program

Y Coord	-160	-140	-120	-100	-80.0	-60.0	-40.0	-20.0	0.0	20.0	40.0	60.0	80.0	100	1	
220	.001	.002	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.001	.0
200	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.002	.0
180	.002	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.003	.0
160	.003	.003	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.004	.0
140	.003	.004	.005	.006	.006	.006	.006	.007	.006	.007	.006	.006	.006	.006	.006	.0
120	.004	.005	.007	.009	.010	.010	.011	.011	.011	.011	.011	.011	.010	.010	.009	.0
100	.007	.008	.010	.014	.016	.017	.019	.022	.023	.022	.019	.017	.016	.014	.0	
80.0	.012	.016	.018	.021	.030	.037	.043	.051	.057	.051	.043	.037	.030	.021	.0	
60.0	.020	.034	.049	.057	.062	.094	.111	.134	.150	.134	.111	.094	.062	.057	.0	
40.0	.027	.055	.106	.181	.266	.289	.435	.409	.421	.409	.435	.289	.266	.181	.1	
20.0	.029	.063	.131	.281	.642	.990	1.59	2.32	2.22	2.32	1.59	.990	.642	.281	.1	
0.0	.024	.047	.096	.199	.411	.726	1.61	3.55	3.28	3.55	1.61	.726	.411	.199	.0	
-20.0	.014	.023	.037	.057	.093	.188	.393	.657	1.03	.657	.393	.188	.093	.057	.0	
-40.0	.008	.012	.017	.024	.036	.078	.129	.240	.375	.240	.129	.078	.036	.024	.0	

Lower Left Corner: X = -160.00 Y = -40.00 Z = 0.00