

ILLINOIS DEPARTMENT OF TRANSPORTATION
250W LUMINAIRE PERFORMANCE TABLE

GIVEN CONDITIONS

ROADWAY DATA:	Pavement Width	24 FT.
	Number Of Lanes (In Direction of Travel)	2
	Median Width	N/A
	IES Surface Classification	R3
	Q-Zero Value	.07
LIGHT POLE DATA:	Mounting Height	45 FT.
	Mast Arm Length	N/A
	Pole Set-Back From Edge Of Pavement	15 FT.
LUMINAIRE DATA:	Lamp Type	HPS
	Lamp Lumens	28500
	IES Vertical Distribution	M
	IES Control Of Distribution	FC
	IES Lateral Distribution	3
	Total Light Loss Factor	0.684
LAYOUT DATA:	Spacing	160 FT.
	Configuration	Single SIDE
	Luminaire Overhang Over Edge Of Pavement Lane	0 FT.

NOTE: Variations from the above specified IES distribution pattern may be requested and acceptance of variations will be subject to review by the Engineer based on how well the performance requirements are met.

PERFORMANCE REQUIREMENTS

NOTE: These performance requirements shall be the minimum acceptable standards of photometric performance for the luminaire, based on the given conditions listed above.

ILLUMINATION:	Average Horizontal Illumination, (E_{Ave})	0.9 Fc
	Uniformity Ratio, (E_{Ave}/E_{Min})	3.0
LUMINANCE:	Average Luminance: (L_{Ave})	0.6 Cd/m ²
	Uniformity Ratios: (L_{Ave}/L_{Min})	3.5
	(L_{Max}/L_{Min})	6.0
	Maximum Veiling Luminance Ratio: (L_v/L_{Ave})	0.30

FILE NAME =	USER NAME = sparksgw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LUMINAIRE PERFORMANCE TABLE	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
or:\pwwork\pwwork\sparksgw\08332358\067	CG04-shr-detail.dgn	DRAWN -	REVISED -			67	(S) L-1	SANGAMON	9	8	
Default	PLOT SCALE = 48.0000' / 1" in.	CHECKED -	REVISED -			CONTRACT NO. 72G04					
	PLOT DATE = Mar-13-2013 09:43:23AM	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.	TO STA.