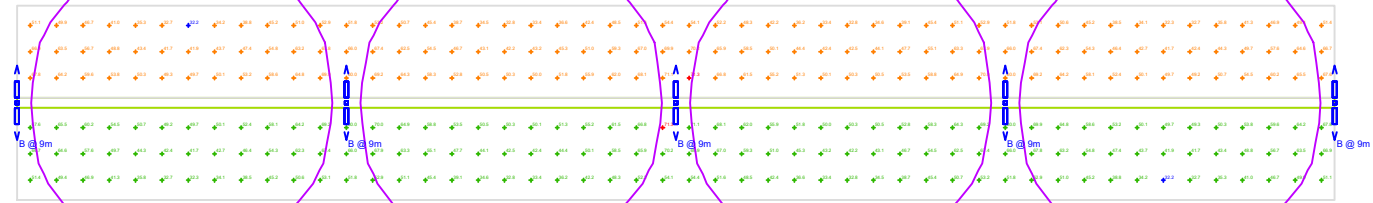
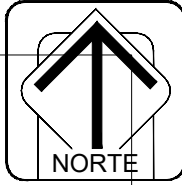


REHABILITACION DE ALUMBRADO PUBLICO



CARGA MASIVA			
N° DE LUMINARIA	LATITUD	LONGITUD	LOCALIDAD
21	17.275122°	-97.671607°	HCA. CD. TLAXIACO
22	17.274906°	-97.671646°	HCA. CD. TLAXIACO
23	17.274644°	-97.671761°	HCA. CD. TLAXIACO
24	17.274483°	-97.671922°	HCA. CD. TLAXIACO
25	17.274339°	-97.672102°	HCA. CD. TLAXIACO
26	17.274168°	-97.672188°	HCA. CD. TLAXIACO
38	17.271619°	-97.672140°	HCA. CD. TLAXIACO
39	17.271540°	-97.672366°	HCA. CD. TLAXIACO
40	17.271442°	-97.672583°	HCA. CD. TLAXIACO
41	17.271470°	-97.672818°	HCA. CD. TLAXIACO
42	17.271553°	-97.673044°	HCA. CD. TLAXIACO
43	17.271546°	-97.673269°	HCA. CD. TLAXIACO
44	17.271493°	-97.673505°	HCA. CD. TLAXIACO
45	17.271350°	-97.673703°	HCA. CD. TLAXIACO
46	17.271269°	-97.673892°	HCA. CD. TLAXIACO
47	17.271117°	-97.674063°	HCA. CD. TLAXIACO
48	17.271217°	-97.674165°	HCA. CD. TLAXIACO
49	17.271101°	-97.674354°	HCA. CD. TLAXIACO
50	17.270955°	-97.674195°	HCA. CD. TLAXIACO
51	17.270984°	-97.674515°	HCA. CD. TLAXIACO
52	17.270768°	-97.674611°	HCA. CD. TLAXIACO
53	17.270684°	-97.674244°	HCA. CD. TLAXIACO
54	17.270497°	-97.674631°	HCA. CD. TLAXIACO
55	17.270413°	-97.674256°	HCA. CD. TLAXIACO
56	17.270225°	-97.674539°	HCA. CD. TLAXIACO
57	17.270151°	-97.674145°	HCA. CD. TLAXIACO
58	17.269990°	-97.674419°	HCA. CD. TLAXIACO
59	17.269915°	-97.674024°	HCA. CD. TLAXIACO
60	17.269754°	-97.674317°	HCA. CD. TLAXIACO
61	17.269670°	-97.673875°	HCA. CD. TLAXIACO
62	17.269527°	-97.674168°	HCA. CD. TLAXIACO
63	17.269434°	-97.673745°	HCA. CD. TLAXIACO
64	17.269291°	-97.674019°	HCA. CD. TLAXIACO
65	17.269216°	-97.673596°	HCA. CD. TLAXIACO
66	17.269055°	-97.673880°	HCA. CD. TLAXIACO
67	17.268971°	-97.673467°	HCA. CD. TLAXIACO
68	17.268811°	-97.673844°	HCA. CD. TLAXIACO
69	17.268700°	-97.673440°	HCA. CD. TLAXIACO
70	17.268559°	-97.673940°	HCA. CD. TLAXIACO
71	17.268475°	-97.673564°	HCA. CD. TLAXIACO
72	17.268306°	-97.674045°	HCA. CD. TLAXIACO
73	17.268223°	-97.673688°	HCA. CD. TLAXIACO
74	17.268063°	-97.674169°	HCA. CD. TLAXIACO
75	17.267970°	-97.673775°	HCA. CD. TLAXIACO

DISTANCIA INTERPOSTAL		
N°	TRAMO	DISTANCIA
1	21-22	25.00
2	22-23	25.00
3	23-24	25.00
4	24-25	25.00
5	25-26	19.00
6	38-39	25.00
7	39-40	25.00
8	40-41	25.00
9	41-42	25.00
10	42-43	25.00
11	43-44	25.00
12	44-45	25.00
13	44-46	25.00
14	46-47	25.00
15	46-48	25.00
16	48-49	25.00
17	47-50	25.00
18	50-53	30.00
19	51-52	30.00
20	52-54	30.00
21	53-55	30.00
22	55-57	30.00
23	54-56	30.00
24	56-58	30.00
25	57-59	30.00
26	58-60	30.00
27	59-61	30.00
28	60-62	30.00
29	61-63	30.00
30	62-64	30.00
31	63-65	30.00
32	64-66	30.00
33	65-67	30.00
34	66-68	30.00
35	67-69	30.00
36	68-70	30.00
37	69-71	30.00
38	70-42	30.00
39	71-73	30.00
40	72-74	30.00
41	73-75	30.00

LUMINARIAS			
POSTE	TECNOLOGIA	CANTIDAD	CAPACIDAD
1	LED SOLAR	2	120W
2	LED SOLAR	2	120W
3	LED SOLAR	2	120W
4	LED SOLAR	2	120W
5	LED SOLAR	2	120W
6	LED SOLAR	1	120W
7	LED SOLAR	1	120W
8	LED SOLAR	1	120W
9	LED SOLAR	2	120W
10	LED SOLAR	2	120W
11	LED SOLAR	1	120W
12	LED SOLAR	1	120W
13	LED SOLAR	1	120W
14	LED SOLAR	2	120W
15	LED SOLAR	2	120W
16	LED SOLAR	1	120W
17	LED SOLAR	1	120W
18	LED SOLAR	1	120W
19	LED SOLAR	1	120W
20	LED SOLAR	1	120W
21	LED SOLAR	1	120W
22	LED SOLAR	1	120W
23	LED SOLAR	1	120W
24	LED SOLAR	1	120W
25	LED SOLAR	1	120W
26	LED SOLAR	1	120W
27	LED SOLAR	1	120W
28	LED SOLAR	1	120W
29	LED SOLAR	1	120W
30	LED SOLAR	1	120W
31	LED SOLAR	1	120W
32	LED SOLAR	1	120W
33	LED SOLAR	1	120W
34	LED SOLAR	1	120W
35	LED SOLAR	1	120W
36	LED SOLAR	1	120W
37	LED SOLAR	1	120W
38	LED SOLAR	1	120W
39	LED SOLAR	1	120W
40	LED SOLAR	1	120W
41	LED SOLAR	1	120W
42	LED SOLAR	1	120W
43	LED SOLAR	1	120W
44	LED SOLAR	1	120W

Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
HCA. CD. DE TLAXIACO	+	52.0 lux	71.3 lux	32.2 lux	2.2:1	1.6:1
HCA. CD. DE TLAXIACO	+	52.0 lux	71.3 lux	32.2 lux	2.2:1	1.6:1

Schedule									
Symbol	Label	Image	Manufacturer	Catalog	Description	Number Lamps	Lamp Output	LLF	Input Power
B			REC LIGHTING	ZIAN-120W	AIO ZIAN-120W	1	12955	0.95	240

Tabla 2. Valores máximos de DPEA, iluminancia mínima promedio y valor máximo de la relación de uniformidad promedio para vialidades con pavimento tipo R2 y R3

NIVEL DE ILUMINACIÓN PROMEDIO

PROMEDIO MINIMO NECESARIO PARA VIAS PRINCIPALES Y EJES VIALES ES DE 17 LUXES, SEGUN LA NORMA NOM-013-ENER-2013 EN PAVIMENTO DE CONCRETO, UNIFORMIDAD MAXIMA PERMITIDA DE 3.0 A 1.0 MENOR EN EPROMEDIO / E MINIMO, REQUERIMIENTO QUE CUMPLE AMPLIAMENTE EL PROYECTO DE ALUMBRADO PROPUESTO.

VALOR MAXIMO DE DPEA

ESTE VALOR NO APLICA PARA PROYECTOS DE ILUMINACION A BASE DE LUMINARIAS SOLARES YA QUE NO SE CONSUME ENERGÍA DE LA RED ELÉCTRICA.

