



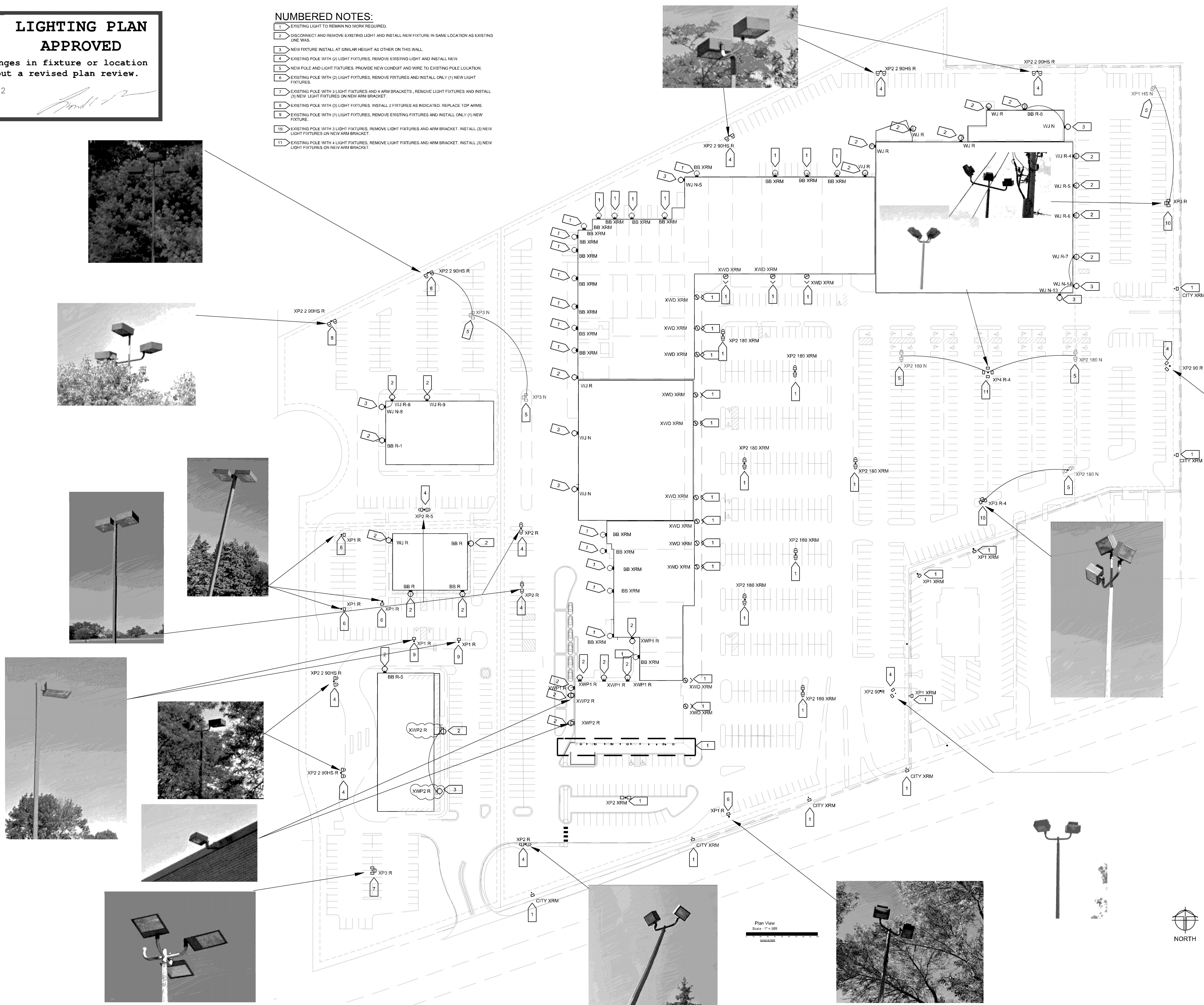
**LIGHTING PLAN
APPROVED**

No changes in fixture or location
without a revised plan review.

12/15/2022
lplease

[Signature]

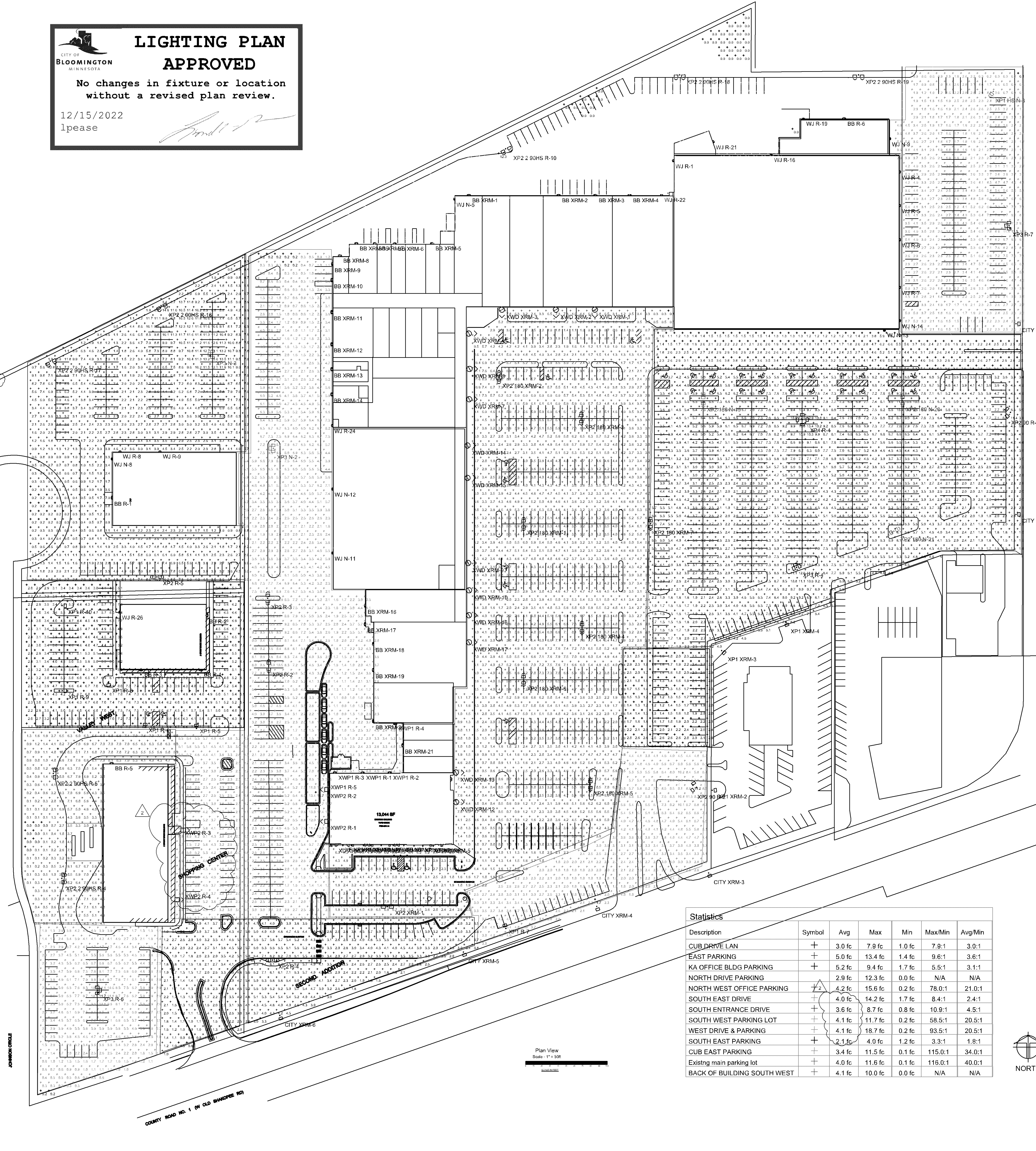
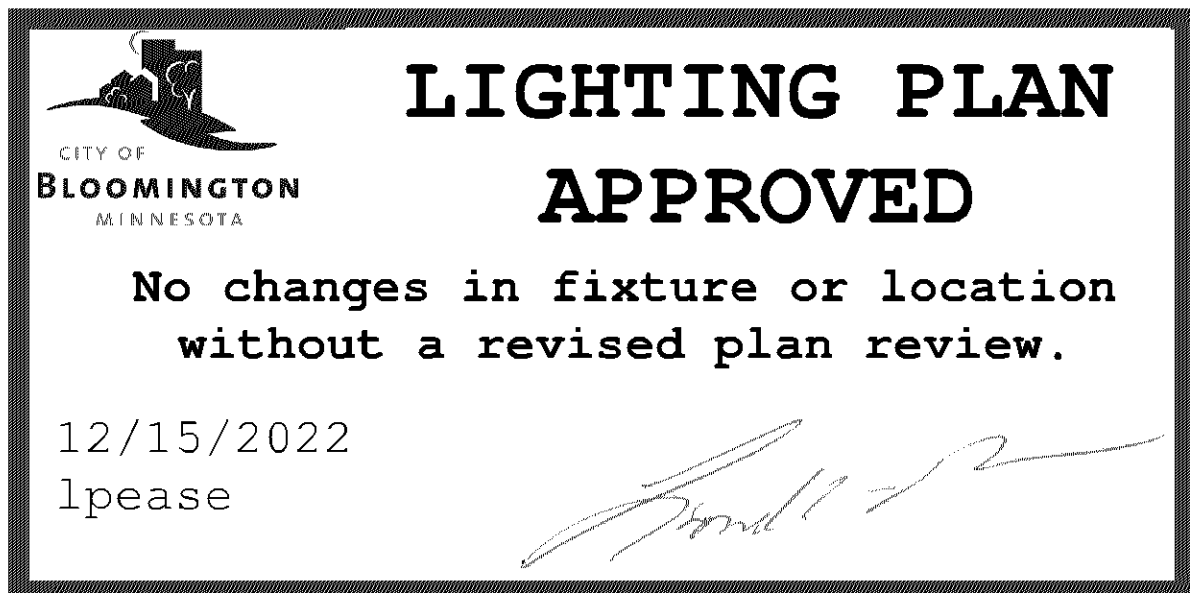
- ## NUMBERED NOTES:
- EXISTING LIGHT TO REMAIN NO WORK REQUIRED.
 - DISCONNECT AND REMOVE EXISTING LIGHT AND INSTALL NEW FIXTURE IN SAME LOCATION AS EXISTING ONE WAS.
 - NEW FIXTURE INSTALL AT SIMILAR HEIGHT AS OTHER ON THIS WALL.
 - EXISTING POLE WITH (2) LIGHT FIXTURES, REMOVE EXISTING LIGHT AND INSTALL NEW.
 - NEW POLE AND LIGHT FIXTURES, PROVIDE NEW CONDUIT AND WIRE TO EXISTING POLE LOCATION.
 - EXISTING POLE WITH (2) LIGHT FIXTURES, REMOVE FIXTURES AND INSTALL ONLY (1) NEW LIGHT FIXTURES.
 - EXISTING POLE WITH 3 LIGHT FIXTURES AND 4 ARM BRACKETS, REMOVE LIGHT FIXTURES AND INSTALL (3) NEW LIGHT FIXTURES ON NEW ARM BRACKET.
 - EXISTING POLE WITH (3) LIGHT FIXTURES, INSTALL 2 FIXTURES AS INDICATED, REPLACE TOP ARMS.
 - EXISTING POLE WITH (1) LIGHT FIXTURE, REMOVE EXISTING FIXTURES AND INSTALL ONLY (1) NEW FIXTURE.
 - EXISTING POLE WITH 3 LIGHT FIXTURES, REMOVE LIGHT FIXTURES AND ARM BRACKET. INSTALL (2) NEW LIGHT FIXTURES ON NEW ARM BRACKET.
 - EXISTING POLE WITH 4 LIGHT FIXTURES, REMOVE LIGHT FIXTURES AND ARM BRACKET. INSTALL (3) NEW LIGHT FIXTURES ON NEW ARM BRACKET.

[illegible]

Project: Project/Vally View Shopping Center site lighting-MO Directly46846g, 12/14/2022 9:32:11 AM, DMG To PDF.pdf

Luminaire Locations		Location			
19	XP2 180 N	42800.24	3462.90	23.00	20.00
	XP2 180 N-1	42800.24	3466.05	23.00	20.00
	XP2 180 N-2	42800.24	3473.15	23.00	20.00
20	XP2 180 N	42844.48	3463.19	24.00	24.00
	XP2 180 N-1	42844.48	3466.34	24.00	24.00
	XP2 180 N-2	42844.48	3473.44	24.00	24.00
5	XP2 180 XSM	42590.06	3140.85	23.00	20.00
	XP2 180 XSM-1	42590.06	3144.00	23.00	20.00
	XP2 180 XSM-2	42590.06	3137.10	23.00	20.00
2	XP2 R	42267.81	3157.83	25.00	25.00
	XP2 R-1	42267.81	3154.09	25.00	180.00
	XP2 R-2	42267.81	3161.58	25.00	25.00
3	XP2 R	42266.53	3040.71	24.00	180.00
	XP2 R-1	42266.53	3036.96	24.00	180.00
	XP2 R-2	42266.53	3044.46	24.00	24.00
2	XP2 N	42273.50	3424.52	33.00	33.00
	XP2 N-1	42273.50	3420.77	33.00	33.00
	XP2 N-2	42266.75	3424.52	33.00	33.00
3	XP2 N	42273.50	3428.27	33.00	33.00
	XP2 N-1	42198.96	3533.08	28.00	28.00
	XP2 N-2	42198.96	3535.83	28.00	28.00
	XP2 N-3	42198.96	3543.43	28.00	28.00
3	XP2 R	42174.97	3607.31	23.00	20.00
	XP2 R-1	42174.97	3603.56	23.00	20.00
	XP2 R-2	42171.17	3607.26	23.00	20.00
21	XP2 R-3	42174.97	3610.01	23.00	20.00
	XP2 180 N-1	42800.24	3473.15	23.00	20.00
4	XP2 R	42272.38	3521.37	23.00	20.00
	XP2 R-1	42266.56	3527.30	23.00	20.00
5	XP2 R	42190.84	3067.06	24.00	24.00
	XP2 R-1	42194.59	3067.06	24.00	24.00
14	WJ N	35640.80	3581.13	12.00	12.00
7	XP2 180 XSM	42735.05	3332.12	23.00	20.00
	XP2 180 XSM-1	42735.05	3335.67	23.00	20.00
	XP2 180 XSM-2	42733.05	3328.37	23.00	20.00
5	XWP2 R	42341.88	3016.76	18.00	14.00
1	XWP2 R-1	42341.69	3016.76	30.00	270.00
4	XWP2 R-2	42144.57	3016.76	45.00	40.00
2	XWP2 R-3	42144.57	3016.76	45.00	40.00

Luminaire Locations		Location			
19	XP2 180 N	42800.24	3462.90	23.00	20.00
	XP2 180 N-1	42800.24	3466.05	23.00	20.00
	XP2 180 N-2	42800.24	3473.15	23.00	20.00
20	XP2 180 N	42844.48	3463.19	24.00	24.00
	XP2 180 N-1	42844.48	3466.34	24.00	24.00
	XP2 180 N-2	42844.48	3473.44	24.00	24.00
5	XP2 180 XSM	42590.06	3140.85	20.00	5.00
	XP2 180 XSM-1	42590.06	3144.00	20.00	5.00
	XP2 180 XSM-2	42590.06	3137.10	20.00	5.00
2	XP2 R	42267.81	3157.83	25.00	100.00
	XP2 R-1	42267.81	3154.09	25.00	100.00
	XP2 R-2	42267.81	3161.58	25.00	25.00
3	XP2 R	42266.53	3040.71	24.00	100.00
	XP2 R-1	42266.53	3036.96	24.00	100.00
	XP2 R-2	42266.53	3044.46	24.00	24.00
2	XP2 N	42273.50	3424.52	33.00	33.00
	XP2 N-1	42273.50	3420.77	33.00	33.00
	XP2 N-2	42267.75	3424.52	33.00	33.00
3	XP2 N	42273.50	3428.27	33.00	33.00
	XP2 N-1	42198.96	3533.08	28.00	28.00
	XP2 N-2	42198.96	3535.83	28.00	28.00
	XP2 N-3	42198.96	3543.43	28.00	28.00
7	XP2 R	43174.97	3697.31	20.00	179.26
	XP2 R-1	43174.97	3693.56	20.00	179.26
	XP2 R-2	43171.17	3697.26	20.00	206.28
	XP2 R-3	43174.96	3701.06	20.00	359.28
21	XP2 180 N	42803.94	3423.05	23.00	31.38
	XP2 180 N-1	42807.28	3424.73	23.00	31.38
4	XP2 R	42272.33	3137.37	23.00	269.85
	XP2 R-1	42266.56	3137.30	23.00	269.85
	XP2 R-2	42272.33	3139.32	23.00	269.85
5	XP2 R	42190.84	3067.06	24.00	90.00
	XP2 R-1	42194.59	3067.06	24.00	90.00
	XP2 R-2	42197.08	3037.06	24.00	270.00
14	WJ N	38640.80	3581.13	12.00	90.00
7	XP2 180 XSM	42735.65	3032.12	20.00	5.00
	XP2 180 XSM-1	42735.65	3035.67	20.00	5.00
	XP2 180 XSM-2	42733.65	3028.37	20.00	100.00
5	XWP2 R	42341.88	3016.76	18.00	270.00
1	XWP2 R	42341.69	3027.48	30.00	270.00
	XWP2 R-1	42341.69	3026.48	30.00	270.00
4	XWP2 R	42144.57	3071.97	45.00	40.00
	XWP2 R-1	42144.57	3066.04	40.00	40.00
	XWP2 R-2	42144.57	3076.04	40.00	40.00
	XWP2 R-3	42144.57	3081.04	40.00	40.00
	XWP2 R-4	42144.57	3086.04	40.00	40.00
	XWP2 R-5	42144.57	3091.04	40.00	40.00
	XWP2 R-6	42144.57	3096.04	40.00	40.00
	XWP2 R-7	42144.57	3101.04	40.00	40.00
	XWP2 R-8	42144.57	3106.04	40.00	40.00
	XWP2 R-9	42144.57	3111.04	40.00	40.00
	XWP2 R-10	42144.57	3116.04	40.00	40.00
	XWP2 R-11	42144.57	3121.04	40.00	40.00
	XWP2 R-12	42144.57	3126.04	40.00	40.00
	XWP2 R-13	42144.57	3131.04	40.00	40.00
	XWP2 R-14	42144.57	3136.04	40.00	40.00
	XWP2 R-15	42144.57	3141.04	40.00	40.00
	XWP2 R-16	42144.57	3146.04	40.00	40.00
	XWP2 R-17	42144.57	3151.04	40.00	40.00
	XWP2 R-18	42144.57	3156.04	40.00	40.00
	XWP2 R-19	42144.57	3161.04	40.00	40.00
	XWP2 R-20	42144.57	3166.04	40.00	40.00
	XWP2 R-21	42144.57	3171.04	40.00	40.00
	XWP2 R-22	42144.57	3176.04	40.00	40.00
	XWP2 R-23	42144.57	3181.04	40.00	40.00
	XWP2 R-24	42144.57	3186.04	40.00	40.00
	XWP2 R-25	42144.57	3191.04	40.00	40.00
	XWP2 R-26	42144.57	3196.04	40.00	40.00
	XWP2 R-27	42144.57	3201.04	40.00	40.00
	XWP2 R-28	42144.57	3206.04	40.00	40.00
	XWP2 R-29	42144.57	3211.04	40.00	40.00
	XWP2 R-30	42144.57	3216.04	40.00	40.00
	XWP2 R-31	42144.57	3221.04	40.00	40.00
	XWP2 R-32	42144.57	3226.04	40.00	40.00
	XWP2 R-33	42144.57	3231.04	40.00	40.00
	XWP2 R-34	42144.57	3236.04	40.00	40.00
	XWP2 R-35	42144.57	3241.04	40.00	40.00
	XWP2 R-36	42144.57	3246.04	40.00	40.00
	XWP2 R-37	42144.57	3251.04	40.00	40.00
	XWP2 R-38	42144.57	3256.04	40.00	40.00
	XWP2 R-39	42144.57	3261.04	40.00	40.00
	XWP2 R-40	42144.57	3266.04	40.00	40.00
	XWP2 R-41	42144.57	3271.04	40.00	40.00
	XWP2 R-42	42144.57	3276.04	40.00	40.00
	XWP2 R-43	42144.57	3281.04	40.00	40.00
	XWP2 R-44	42144.57	3286.04	40.00	40.00
	XWP2 R-45	42144.57	3291.04	40.00	40.00
	XWP2 R-46	42144.57	3296.04	40.00	40.00
	XWP2 R-47	42144.57	3301.04	40.00	40.00
	XWP2 R-48	42144.57	3306.04	40.00	40.00
	XWP2 R-49	42144.57	3311.04	40.00	40.00
	XWP2 R-50	42144.57	3316.04	40.00	40.00
	XWP2 R-51	42144.57	3321.04	40.00	40.00
	XWP2 R-52	42144.57	3326.04	40.00	40.00
	XWP2 R-53	42144.57	3331.04	40.00	40.00
	XWP2 R-54	42144.57	3336.04	40.00	40.00
	XWP2 R-55	42144.57	3341.04	40.00	40.00
	XWP2 R-56	42144.57	3346.04	40.00	40.00
	XWP2 R-57	42144.57	3351.04	40.00	40.00
	XWP2 R-58	42144.57	3356.04	40.00	40.00
	XWP2 R-59	42144.57	3361.04	40.00	40.00
	XWP2 R-60	42144.57	3366.04	40.00	40.00
	XWP2 R-61	42144.57	3371.04	40.00	40.00
	XWP2 R-62	42144.57	3376.04	40.00	40.00
	XWP2 R-63	42144.57	3381.04	40.00	40.00
	XWP2 R-64	42144.57	3386.04	40.00	40.00
	XWP2 R-65	42144.57	3391.04	40.00	40.00
	XWP2 R-66	42144.57	3396.04	40.00	40.00
	XWP2 R-67	42144.57	3401.04	40.00	40.00
	XWP2 R-68	42144.57	3406.04	40.00	40.00
	XWP2 R-69	42144.57	3411.04	40.00	40.00
	XWP2 R-70	42144.57	3416.04	40.00	40.00
	XWP2 R-71	42144.57	3421.04	40.00	40.00
	XWP2 R-72	42144.57	3426.04	40.00	40.00
	XWP2 R-73	42144.57	3431.04	40.00	40.00
	XWP2 R-74	42144.57	3436.04	40.00	40.00
	XWP2 R-75	42144.57	3441.04	40.00	40.00
	XWP2 R-76	42144.57	3446.04	40.00	40.00
	XWP2 R-77	42144.57	3451.04	40.00	40.00
	XWP2 R-78	42144.57	3456.04	40.00	40.00
	XWP2 R-79	42144.57	3461.04	40.00	40.00
	XWP2 R-80	42144.57	3466.04	40.00	40.00
	XWP2 R-81	42144.57	3471.04	40.00	40.00
	XWP2 R-82	42144.57	3476.04	40.00	40.00
	XWP2 R-83	42144.57	3481.04	40.00	40.00
	XWP2 R-84	42144.57	3486.04	40.00	40.00
	XWP2 R-85	42144.57	3491.04	40.00	40.00
	XWP2 R-86	42144.57	3496.04	40.00	40.00
	XWP2 R-87	42144.57	3501.04	40.00	40.00
	XWP2 R-88	42144.57	3506.04	40.00	40.00
	XWP2 R-89	42144.57	3511.04	40.00	40.00
	XWP2 R-90	42144.57	3516.04	40.00	40.00
	XWP2 R-91	42144.57	3521.04	40.00	40.00
	XWP2 R-92	42144.57	3526.04	40.00	40.00
	XWP2 R-93	42144.57	3531.04	40.00	40.00
	XWP2 R-94	42144.57	3536.04	40.00	40.00
	XWP2 R-95	42144.57	3541.04	40.00	40.00
	XWP2 R-96	42144.57	3546.04	40.00	40.00
	XWP2 R-97	42144.57	3551.04	40.00	40.00
	XWP2 R-98	42144.57	3556.04	40.00	40.00
	XWP2 R-99	42144.57	3561.04	40.00	40.00
	XWP2 R-100	42144.57	3566.04	40.00	40.00
	XWP2 R-101	42144.57	3571.04	40.00	40.00
	XWP2 R-102	42144.57	3576.04	40.00	40.00
	XWP2 R-103	42144.57	3581.04	40.00	40.00
	XWP2 R-104	42144.57	3586.04	40.00	40.00
	XWP2 R-105	42144.57	3591.04	40.00	40.00
	XWP2 R-106	42144.57	3596.04	40.00	40.00
	XWP2 R-107	42144.57	3601.04	40.00	40.00
	XWP2 R-108	42144.57	3606.04	40.00	40.00
	XWP2 R-109	42144.57	3611.04	40.00	40.00
	XWP2 R-110	42144.57	3616.04	40.00	40.00
	XWP2 R-111	42144.57	3621.04	40.00	40.00
	XWP2 R-112	42144.57	3626.04	40.00	40.00
	XWP2 R-113	42144.57	3631.04	40.00	40.00
	XWP2 R-114	42144.57	3636.04	40.00	40.00
	XWP2 R-115	42144.57	3641.04	40.00	40.00
	XWP2 R-116	42144.57	3646.04	40.00	40.00
	XWP2 R-117	42144.57	3651.04	40.00	40.00
	XWP2 R-118	42144.57	3656.04	40.00	40.00
	XWP2 R-119	42144.57	3661.04	40.00	40.00
	XWP2 R-120	42144.57	3666.04	40.00	40.00
	XWP2 R-121	42144.57	3671.04	40.00	40.00
	XWP2 R-122	42144.57	3676.04	40.00	40.00
	XWP2 R-123	42144.57	3681.04	40.00	40.00
	XWP2 R-124	42144.57	3686.04	40.00	40.00
	XWP2 R-125	42144.57	3691.04	40.00	40.00
	XWP2 R-126	42144.57	3696.04	40.00	40.00
	XWP2 R-127	42144.57	3701.04	40.00	40.00
	XWP2 R-128	42144.57	3706.04	40.00	40.00
	XWP2 R-129	42144.57	3711.04	40.00	40.00
	XWP2 R-130	42144.57	3716.04	40.00	40.00
	XWP2 R-131	42144.57	3721.04	40.00	40.00
	XWP2 R-132	42144.57	3726.04	40.00	40.00
	XWP2 R-133	42144.57	3731.04	40.00	40.00
	XWP2 R-134	42144.57	3736.04	40.00	40.00
	XWP2 R-135	42144.57	3741.04	40.00	40.00
	XWP2 R-136	42144.57	3746.04	40.00	40.00
	XWP2 R-137	42144.57	3751.04	40.00	40.00
	XWP2 R-138	42144.57	3756.04	40.00	40.00
	XWP2 R-139	42144.57	3761.04	40.00	40.00
	XWP2 R-140	42144.57	3766.04	40.00	40.00
	XWP2 R-141	42144.57	3771.04	40.00	40.00
	XWP2 R-142	42144.57	3776.04	40.00	40.00
	XWP2 R-143	42144.57	3781.04	40.00	40.00
	XWP2 R-144	42144.57	3786.04	40.00	40.00
	XWP2 R-145	42144.57	3791.04	40.00	40.00
	XWP2 R-146	42144.57	3796.04	40.00	40.00
	XWP2 R-147	42144.57	3801.04	40.00	40.00
	XWP2 R-148	42144.57	3806.04	40.00	40.00
	XWP2 R-149	42144.57	3811.04	40.00	40.00
	XWP2 R-150	42144.57	3816.04	40.00	



Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
CUB DRIVE LAN	+	3.0 fc	7.9 fc	1.0 fc	7.9:1	3.0:1
EAST PARKING	+	5.0 fc	13.4 fc	1.4 fc	9.6:1	3.6:1
KA OFFICE BLDG PARKING	+	5.2 fc	9.4 fc	1.7 fc	5.5:1	3.1:1
NORTH DRIVE PARKING	+	2.9 fc	12.3 fc	0.0 fc	N/A	N/A
NORTH WEST OFFICE PARKING	+	4.2 fc	15.6 fc	0.2 fc	78.0:1	21.0:1
SOUTH EAST DRIVE	+	4.0 fc	14.2 fc	1.7 fc	8.4:1	2.4:1
SOUTH ENTRANCE DRIVE	+	3.6 fc	8.7 fc	0.8 fc	10.9:1	4.5:1
SOUTH WEST PARKING LOT	+	4.1 fc	11.7 fc	0.2 fc	58.5:1	20.5:1
WEST DRIVE & PARKING	+	4.1 fc	18.7 fc	0.2 fc	93.5:1	20.5:1
SOUTH EAST PARKING	+	2.1 fc	4.0 fc	1.2 fc	3.3:1	1.8:1
CUB EAST PARKING	+	3.4 fc	11.5 fc	0.1 fc	115.0:1	34.0:1
Existing main parking lot	+	4.0 fc	11.6 fc	0.1 fc	116.0:1	40.0:1
BACK OF BUILDING SOUTH WEST	+	4.1 fc	10.0 fc	0.0 fc	N/A	N/A

VALLEY WEST SHOPPING CENTER
SITE RELIGHTING
FRANCE AVENUE S & W OLD SHAKOPEE
BLOOMINGTON MINN



I HEREBY CERTIFY THAT THIS PLAN SPECIFICATION
OR REPORT WAS PREPARED BY ME OR UNDER MY
DIRECT SUPERVISION AND THAT I AM A DULY
LICENSED PROFESSIONAL ENGINEER UNDER THE
LAWS OF THE STATE OF MINNESOTA

DATE: 4-22-22 REG. #: 25509

SIGNED: 
DAVID S. HOVE

DRAWN BY: K. KUEHN
CHECKED BY: M. KEYS
DATE: 4-8-22
DB NUMBER:
FILE NAME:

REVISIONS		
#	DATE	
1	4-22-22	PERMIT SET
2	12-14-22	PROGRESS SET

PHOTOMETRIC PLAN
100 %

E060

Make SAFETY a part of every plan

Luminaire Locations							
No.	Label	X	Y	Z	MH	Orientation	TW
1	WJ R	42793.92	8777.07	12.00	12.00	270.00	0.00
4	WJ R	43060.71	8784.51	10.00	10.00	0.00	0.00
5	WJ R	43040.71	8752.09	10.00	10.00	0.00	0.00
6	WJ R	43040.71	8686.15	10.00	10.00	0.00	0.00
7	WJ R	43040.71	8621.83	10.00	10.00	0.00	0.00
8	WJ R	42985.53	8425.14	10.00	10.00	0.00	0.00
9	WJ R	42134.53	8425.09	10.00	10.00	0.00	0.00
4	XP2 2 80HS R	42014.30	8897.53	20.00	20.00	89.36	0.00
5	XP2 2 80HS R	42003.64	9020.00	20.00	20.00	89.64	0.00
10	XP2 2 80HS R	42558.05	8791.75	20.00	20.00	151.98	0.00
2	XP2 30 R	42791.97	9009.21	20.00	20.00	233.11	0.00
4	XP2 30 R	43176.72	8458.00	20.00	20.00	222.54	0.00
4	XP1 R	42115.35	9032.48	20.00	20.00	0.00	0.00
5	XP1 R	42179.16	9061.22	20.00	20.00	0.00	0.00
4	XP3 R	42914.50	8278.75	20.00	20.00	248.11	0.00
4	XP1 R	42981.82	8458.71	30.00	30.00	0.00	0.00
2	XP1 XRM	42811.21	8000.52	20.00	20.00	88.61	0.00
1	XP2 XRM	42113.11	8852.78	30.00	30.00	80.00	0.00
1	XP2 XRM-1	42447.97	8892.78	30.00	30.00	80.00	0.00
10	XP2 XRM-2	42445.25	8892.78	30.00	30.00	270.00	0.00
1	XD XRM	42350.29	8836.03	9.50	9.50	180.00	0.00
2	XD XRM	42370.88	8836.03	9.50	9.50	180.00	0.00
3	XD XRM	42394.45	8836.03	9.50	9.50	180.00	0.00
4	XD XRM	42415.91	8836.03	9.50	9.50	180.00	0.00
5	XD XRM	42438.13	8836.03	9.50	9.50	180.00	0.00
5	XD XRM	42456.30	8836.03	9.50	9.50	180.00	0.00
1	XP XRM	42458.72	8836.12	18.00	18.00	180.00	0.00
2	XP XRM	42489.15	8836.12	18.00	18.00	180.00	0.00
3	XP XRM	42513.65	8836.12	18.00	18.00	180.00	0.00
4	XP XRM	42538.91	8836.12	18.00	18.00	180.00	0.00
5	XP XRM	42565.07	8836.12	18.00	18.00	180.00	0.00
6	XP XRM	42592.41	8836.12	18.00	18.00	180.00	0.00
7	XP XRM	42623.44	8836.12	18.00	18.00	180.00	0.00
8	XP XRM	42651.25	8836.39	18.00	18.00	180.00	0.00
9	XP XRM	42678.72	8836.50	18.00	18.00	180.00	0.00
10	XP XRM	42705.71	8836.61	18.00	18.00	180.00	0.00
1	XWD XRM	42687.45	8597.80	12.00	12.00	179.67	0.00
2	XWD XRM	42611.68	8597.80	12.00	12.00	179.67	0.00
3	XWD XRM	42583.61	8597.80	12.00	12.00	179.67	0.00
4	XWD XRM	42550.53	8596.20	12.00	12.00	89.82	0.00
7	XWD XRM	42510.12	8484.81	12.00	12.00	90.00	0.00
8	XWD XRM	42515.84	8484.81	12.00	12.00	90.00	0.00
9	XWD XRM	42568.63	8484.10	12.00	12.00	90.00	0.00
10	XWD XRM	42593.98	8350.65	12.00	12.00	90.00	0.00
12	XWD XRM	42614.13	8350.65	12.00	12.00	90.00	0.00
13	XWD XRM	42639.52	8227.38	12.00	12.00	90.00	0.00
1	XWP1 R	42382.80	9026.41	12.00	12.00	0.00	0.00
2	XWP1 R	42416.02	9026.55	12.00	12.00	0.00	0.00
3	XWP1 R	42448.94	9026.55	12.00	12.00	0.00	0.00
1	BB XRM	42513.00	8754.00	8.00	8.00	0.00	0.00
2	BB XRM	42622.00	8754.00	10.00	10.00	0.00	0.00
3	BB XRM	42710.00	8754.00	10.00	10.00	0.00	0.00
5	BB XRM	42689.00	8675.00	8.00	8.00	0.00	0.00
6	BB XRM	42622.00	8674.67	14.00	14.00	0.00	0.00
7	BB XRM	42388.00	8675.00	14.00	14.00	0.00	0.00
8	BB XRM	42355.00	8690.00	14.00	14.00	0.00	0.00
9	BB XRM	42344.00	8690.00	10.00	10.00	270.00	0.00
10	BB XRM	42345.68	8636.82	10.00	10.00	270.00	0.00
11	BB XRM	42344.46	8591.48	10.00	10.00	270.00	0.00
12	BB XRM	42345.12	8591.12	10.00	10.00	270.00	0.00
13	BB XRM	42345.55	8551.50	10.00	10.00	270.00	0.00
14	BB XRM	42345.65	8496.04	10.00	10.00	270.00	0.00
16	BB XRM	42375.13	8675.00	8.00	8.00	0.00	0.00
18	BB XRM	42388.67	8231.74	10.00	10.00	270.00	0.00
17	BB XRM	42386.52	8209.15	10.00	10.00	270.00	0.00
18	BB XRM	42386.68	8184.95	10.00	10.00	270.00	0.00
19	BB XRM	42386.66	8158.85	10.00	10.00	270.00	0.00
20	BB XRM	42386.54	8096.30	10.00	10.00	270.00	0.00
21	BB XRM	42423.53	8096.61	10.00	10.00	270.00	0.00
16	WJ R	42985.53	8784.41	10.00	10.00	0.00	0.00
19	WJ R	42923.02	8827.94	20.00	20.00	0.00	0.00
21	WJ R	42812.24	8895.18	20.00	20.00	0.00	0.00
22	WJ R	42761.11	8754.51	12.00	12.00	0.00	0.00
14	XWD XRM	42588.05	8428.01	12.00	12.00	30.00	0.00
15	XWD XRM	42588.05	8388.25	12.00	12.00	30.00	0.00
16	XWD XRM	42588.05	8328.15	12.00	12.00	30.00	0.00
17	XWD XRM	42589.05	8185.83	12.00	12.00	30.00	0.00
4	XWP1 R	42422.73	8597.75	10.00	10.00	180.00	0.00
24	WJ R	42485.00	8452.51	14.00	14.00	270.00	0.00
1	CITY XRM	42183.39	8343.64	40.00	40.00	0.00	0.00
2	CITY XRM	42183.39	8577.25	40.00	40.00	0.00	0.00
3	CITY XRM	42867.76	8884.13	40.00	40.00	158.65	0.00
4	CITY XRM	42869.75	8884.14	40.00	40.00	158.65	0.00
5	CITY XRM	42566.38	8807.34	40.00	40.00	158.65	0.00
1	CITY XRM	4281.38	8729.42	40.00	40.00	158.65	0.00
16	XP2 2 80HS R	42132.00	8999.51	20.00	20.00	151.98	0.00
17	XP2 2 80HS R	42132.72	8999.07	20.00	20.00	151.98	0.00
18	XP2 2 80HS R	42140.67	9020.29	20.00	20.00	151.98	0.00
19	XP2 2 80HS R	42000.08	9531.48	20.00	20.00	151.98	0.00
20	XP2 2 80HS R	41996.61	9538.04	20.00	20.00	151.98	0.00
21	XP2 2 80HS R	42064.75	9532.27	20.00	20.00	151.98	0.00
7	XP1 R	42558.41	8856.29	20.00	20.00	343.00	0.00
3	XP1 XRM	42622.85	9175.71	20.00	20.00	130.77	0.00
5	WJ N	42486.75	8729.92	14.00	14.00	270.00	0.00
6	WJ N	42876.05	8411.61	10.00	10.00	270.00	0.00
9	WJ N	42028.52	8884.03	15.00	15.00	30.00	0.00
3	XP1 HS N	42155.72	8861.92	33.00	33.00	215.01	0.00
5	XP3 R	42857.75	8740.49	20.00	20.00	0.14	0.00
1	XP1 R-1	42857.71	8784.24	20.00	20.00	0.14	0.00
1	XP1 R-2	42061.45	8786.48	20.00	20.00	30.14	0.00
1	XP1 R-3	42057.68	8756.74	20.00	20.00	180.14	0.00
1	BB R	42076.40	8484.17	1.00	1.00	270.00	0.00
2	BB R	42191.71	8220.55	12.00	12.00	30.00	0.00
3	BB R	42111.38	8153.70	12.00	12.00	180.00	0.00
4	BB R	42184.20	8153.83	12.00	12.00	180.00	0.00
11	WJ N	42346.39	8296.35	14.00	14.00	270.00	0.00
12	WJ N	42346.39	8274.88	14.00	14.00	270.00	0.00
8	XP1 R	42071.51	8194.95	20.00	20.00	179.42	0.00
9	XP1 R	42014.77	8127.48	20.00	20.00	90.00	0.00
10	XP1 R	42014.66	8231.79	20.00	20.00	90.00	0.00
1	XP2 180 XRM	42580.06	9231.85	20.00	20.00	0.00	0.00
1	XP2 180 XRM-1	42580.06	9236.60	20.00	20.00	0.00	0.00
1	XP2 180 XRM-2	42580.06	9238.10	20.00	20.00	180.00	0.00
2	XP2 180 XRM	42549.84	9511.99	20.00	20.00	0.00	0.00
1	XP2 180 XRM-1	42549.84	9515.71	20.00	20.00	0.00	0.00
1	XP2 180 XRM-2	42549.84	9508.21	20.00	20.00	180.00	0.00
3	XP2 180 XRM	42600.74	9461.30	20.00	20.00	0.00	0.00
1	XP2 180 XRM-1	42600.74	9465.05	20.00	20.00	0.00	0.00
1	XP2 180 XRM-2	42600.74	9457.55	20.00	20.00	180.00	0.00
4	XP2 180 XRM	42651.69	9204.99	20.00	20.00	0.00	0.00
1	XP2 180 XRM-1	42651.69	9206.44	20.00	20.00	0.00	0.00
1	XP2 180 XRM-2	42651.69	9206.94	20.00	20.00	180.00	0.00
5	XP2 180 XRM	42661.74	9012.50	20.00	20.00	0.00	0.00
1	XP2 180 XRM-1	42661.74	9016.25	20.00	20.00	0.00	0.00
1	XP2 180 XRM-2	42661.74	9008.75	20.00	20.00	180.00	0.00
5	BB R	42075.81	8537.86	10.00	10.00	380.00	0.00
6	BB R	42072.81	8527.84	10.00	10.00	0.00	0.00
13	WJ N	42022.12	8586.34	12.00	12.00	180.00	0.00
28	WJ R	42865.72	8224.15	12.00	12.00	270.00	0.00
4	XP1 XRM	42901.37	8211.71	20.00	20.00	158.50	0.00
18	XP2 2 80HS R	42771.37	8865.18	20.00	20.00	179.35	0.00
1	XP2 2 80HS R-1	42756.82	8860.54	20.00	20.00	179.35	0.00
1	XP2 2 80HS R-2	42775.68	8860.73	20.00	20.00	179.35	0.00
19	XP2 2 80HS R	42680.41	8852.16	20.00	20.00	179.35	0.00
1	XP2 2 80HS R-1	42685.83	8850.61	20.00	20.00	179.35	0.00
1	XP2 2 80HS R-2	42684.93	8850.71	20.00	20.00	179.35	0.00

Luminaire Locations							
No.	Label	X	Y	Z	MH	Orientation	TW
19	XP2 180 N	42803.24	9482.90	20.00	20.00	0.00	0.00
1	XP2 180 N-1	42803.24	9482.90	20.00	20.00	0.00	0.00
2	XP2 180 N-2	42803.24	9479.15	20.00	20.00	180.00	0.00
20	XP2 180 N	43044.48	9483.19	24.00	24.00	0.00	0.00
1	XP2 180 N-1	43044.48	9483.19	24.00	24.00	0.00	0.00
2	XP2 180 N-2	43044.48	9479.44	24.00	24.00	180.00	0.00
5	XP2 180 XRM	42589.05	9140.85	20.00	20.00	0.00	0.00
1	XP2 180 XRM-1	42589.05	9140.85	20.00	20.00	0.00	0.00
2	XP2 180 XRM-2	42589.05	9137.10	20.00	20.00	180.00	0.00
2	XP1 R	42267.81	9157.83	25.00	25.00	180.00	0.00
1	XP1 R-1	42267.81	9154.08	25.00	25.00	180.00	0.00
3	XP1 R-2	42267.81	9151.58	25.00	25.00	0.00	0.00
3	XP1 R	42266.52	9240.71	24.00	24.00	180.00	0.00
1	XP1 R-1	42266.52	9236.96	24.00	24.00	180.00	0.00
2	XP1 R-2	42266.52	9244.46	24.00	24.00	0.00	0.00
2	XP1 N	42271.55	9424.52	33.00	33.00	180.00	0.00
1	XP1 N-1	42271.55	9420.77	33.00	33.00	180.00	0.00
3	XP1 N-2	42265.75	9424.52	33.00	33.00	270.00	0.00
3	XP1 N-3	42265.75	9428.27	33.00	33.00	0.00	0.00
3	XP1 N	42198.95	9503.68	28.00	28.00	180.00	0.00
1	XP1 N-1	42198.95	9500.93	28.00	28.00	180.00	0.00
2	XP1 N-2	42195.21	9503.68	28.00	28.00	270.00	0.00
3	XP1 N-3	42198.95	9543.43	28.00	28.00	0.00	0.00
7	XP1 R	41174.92	9877.31	20.00	20.00	179.28	0.00
1	XP1 R-1	41174.92	9873.56	20.00	20.00	179.28	0.00
3	XP1 R-2	41171.17	9872.28	20.00	20.00	219.28	0.00
3	XP1 R-3	41174.88	9791.06	20.00	20.00	359.28	0.00
21	XP2 180 N	42033.04	9233.05	20.00	20.00	63.38	0.00
1	XP2 180 N-1	43037.29	9242.73	20.00	20.00	63.38	0.00
4	XP1 R	42272.32	9747.31	20.00	20.00	239.85	0.00
1	XP1 R-1	42272.32	9743.56	20.00	20.00	239.85	0.00
5	XP1 R-2	42276.06	9767.32	20.00	20.00	89.85	0.00
1	XP1 R	42276.06	9287.95	24.00	24.00	90.00	0.00
2	XP1 R-1	42276.06	9287.95	24.00	24.00	90.00	0.00
2	XP1 R-2	42127.09	9287.95	24.00	24.00	270.00	0.00
14	WJ1 N	41840.85	9561.13	12.00	12.00	90.00	0.00
7	WJ180 XRM	42735.65	9332.12	20.00	20.00	0.00	0.00
1	XP2 180 XRM-1	42735.65	9335.87	20.00	20.00	0.00	0.00
1	XP2 180 XRM-2	42735.65	9326.37	20.00	20.00	180.00	0.00
5	XWXP2 R	42341.88	9216.78	10.00	10.00	270.00	0.00
1	XWXP2 R-1	42341.88	9216.78	10.00	10.00	270.00	0.00
2	XWXP2 R-2	42341.88	9209.48	10.00	10.00	270.00	0.00
3	XWXP2 R-3	42144.07	9817.87	40.00	40.00	90.00	0.00
4	XWXP2 R	42152.54	8895.54	40.00	40.00	90.00	0.00

Schedule				Schedule			
Symbol	Label	Light-on Time	Light-off Time	Symbol	Label	Light-on Time	Light-off Time
	CITY XRM				XFM		
	XP1 HS N				XD XRM		
	XP1 R				X1VP 1 R		
	XP1 XRM				X2VP 2 R		
	XP2 180 N				BB XRM		
	XP2 180 XRM				BB R		
	XP2 R						
	XP2 2 80H S R						
	XP2 90 R						
	XP3 N						
	XP3 R						
	XP4 R						
	WJ N						
	WJ R						
	X1VP N						
	X1VP R						
	X2VP XFM						

LIGHTING PLAN
APPROVED

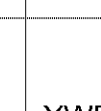
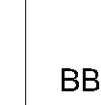
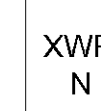
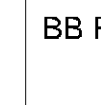
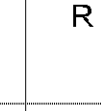
No changes in fixture or location
without a revised plan review.

12/15/2022
lpeace

[Signature]

Light Fixtures Schedule											
Symbol	Label	Image	Quantity	Manufacturer	Catalog Number	Description	Lumens Each	Lumens Per Lamp	Voltage	Wattage	Notes
	XP1 HS N		1	COOPER LIGHTING SOLUTIONS - MCGRAW HILL (FORMERLY EATON)	GLEEK-SAG-14N4-L-THPT-HSG-62 NEW 30 SQUARE POLE	GALLERIE AREA AND ROADWAY LUMINAIRE (B) TO CR. 400K, 1550MA LIGHTFOURIES WITH 14 LEDES EACH AND TYPE IV FORWARD THROW OPTICS WITH HOUSE SIDE SHIELD	4050	313	120V/277	330	
	XP1 R		5	COOPER LIGHTING SOLUTIONS - MCGRAW HILL (FORMERLY EATON)	GLEEK-SAG-14N4-L-300002 ON EXIST SQUARE POLE	GALLERIE AREA AND ROADWAY LUMINAIRE (B) TO CR. 400K, 1550MA LIGHTFOURIES WITH 14 LEDES EACH AND TYPE IV FORWARD THROW OPTICS WITH HOUSE SIDE SHIELD	4050	464	120V/277	333	REMOVE EXISTING LIGHTS AND INSTALL NEW ON EXISTING POLE
	XP2 180 N		3	COOPER LIGHTING SOLUTIONS - MCGRAW HILL (FORMERLY EATON)	G1 GLEEK-SAG-14S1-L-300002 NEW 20 SQUARE POLE 2 @ 180000	GALLERIE AREA AND ROADWAY LUMINAIRE (B) TO CR. 400K, 1550MA LIGHTFOURIES WITH 14 LEDES EACH AND TYPE IV FORWARD THROW OPTICS WITH HOUSE SIDE SHIELD	4050	464	120V/277	360	
	XP2 2 90H S R		7	COOPER LIGHTING SOLUTIONS - MCGRAW HILL (FORMERLY EATON)	G1 GLEEK-SAG-14S1-L-THPT-HSG-62 NEW MOUNTING ARM 2 @ 180000 ON EXIST SQUARE POLE	GALLERIE AREA AND ROADWAY LUMINAIRE (B) TO CR. 400K, 1550MA LIGHTFOURIES WITH 14 LEDES EACH AND TYPE IV FORWARD THROW OPTICS WITH HOUSE SIDE SHIELD	4050	313	120V/277	360	REMOVE EXISTING LIGHTS AND INSTALL NEW ON EXISTING POLE
	XP2 90 R		2	COOPER LIGHTING SOLUTIONS - MCGRAW HILL (FORMERLY EATON)	G1 GLEEK-SAG-14S1-L-THPT-HSG-62 NEW MOUNTING ARM 2 @ 90 DEG ON EXIST SQUARE POLE	GALLERIE AREA AND ROADWAY LUMINAIRE (B) TO CR. 400K, 1550MA LIGHTFOURIES WITH 14 LEDES EACH AND TYPE IV FORWARD THROW OPTICS WITH HOUSE SIDE SHIELD	4050	313	120V/277	360	REMOVE EXISTING LIGHTS AND INSTALL NEW ON EXISTING POLE
	XP3 R		3	COOPER LIGHTING SOLUTIONS - MCGRAW HILL (FORMERLY EATON)	G1 GLEEK-SAG-14S1-L-300002-OMEGA EXIST 120 SQUARE POLE	GALLERIE AREA AND ROADWAY LUMINAIRE (B) TO CR. 400K, 1550MA LIGHTFOURIES WITH 14 LEDES EACH AND TYPE IV FORWARD THROW OPTICS WITH HOUSE SIDE SHIELD	4050	464	120V/277	360	REMOVE EXISTING LIGHTS AND INSTALL NEW ON EXISTING POLE
	XP4 R		1	COOPER LIGHTING SOLUTIONS - MCGRAW HILL (FORMERLY EATON)	G1 GLEEK-SAG-14S1-L-300002-OMEGA 4 @ 90 DEG ON EXIST SQUARE POLE	GALLERIE AREA AND ROADWAY LUMINAIRE (B) TO CR. 400K, 1550MA LIGHTFOURIES WITH 14 LEDES EACH AND TYPE IV FORWARD THROW OPTICS WITH HOUSE SIDE SHIELD	4050	464	120V/277	333	REMOVE EXISTING LIGHTS AND INSTALL NEW ON EXISTING POLE
	WJ N		7	Lithonia Lighting	DSXN4 LED 20C 100W 40K TFM MVOLT DB200	DSXN4 LED WITH 2 LIGHT ENGINES, 10 100W, 1050MA OVERDR, 4000K LED, TYPE FORWARD THROW MED-LM OPTIC	4050	7500	120V/277	73	
	WJ R		13	Lithonia Lighting	DSXN4 LED 20C 100W 40K TFM MVOLT DB200	DSXN4 LED WITH 2 LIGHT ENGINES, 10 100W, 1050MA OVERDR, 4000K LED, TYPE FORWARD THROW MED-LM OPTIC	4050	7500	120V/277	73	REMOVE EXISTING LIGHTS AND INSTALL NEW ON EXISTING WALL
	WJP R		1	Vissman Lighting LLC	BLX-14-T4-80L-4K-40V-PT-62	37 1/4 x 28 W x 8 1/4 H LED LUMINAIRE	4050	73141	120V/277	308	REMOVE EXISTING LIGHTS AND INSTALL NEW ON EXISTING WALL
	WJP 1 R		5	Lithonia Lighting	DSXN4 LED 20C 100W 40K TFM MVOLT DB200 W80W-XL	DSXN4 LED WITH 2 100W LED LIGHT ENGINES, TYPE TFM OPTIC, 4000K, @ 50W	4050	4350	120V/277	34.9	REMOVE EXISTING LIGHTS AND INSTALL NEW ON EXISTING WALL
	WJP N		1	Vissman Lighting LLC	BLX-14-T4-80L-4K-40V-PT-62	37 1/4 x 28 W x 8 1/4 H LED LUMINAIRE W80W-XL	4050	73141	120V/277	308	
	BB R		8	Lithonia Lighting	DSXN4 LED 20C 130 40K TFM MVOLT DB200	DSXN4 LED WITH 2 100W LED LIGHT ENGINES, TYPE TFM OPTIC, 4000K, @ 50W	4050	4350	120V/277	34.9	REMOVE EXISTING LIGHTS AND INSTALL NEW ON EXISTING WALL
	XP2 R		4	COOPER LIGHTING SOLUTIONS - MCGRAW HILL (FORMERLY EATON)	G1 GLEEK-SAG-14S1-L-300002 ON EXIST SQUARE POLE	GALLERIE AREA AND ROADWAY LUMINAIRE (B) TO CR. 400K, 1550MA LIGHTFOURIES WITH 14 LEDES EACH AND TYPE IV FORWARD THROW OPTICS WITH HOUSE SIDE SHIELD	4050	464	120V/277	360	REMOVE EXISTING LIGHTS AND INSTALL NEW ON EXISTING POLE
	XP3 N		2	COOPER LIGHTING SOLUTIONS - MCGRAW HILL (FORMERLY EATON)	G1 GLEEK-SAG-14S1-L-300002 NEW 20 SQUARE POLE 1 @ 180000 ON EXIST SQUARE POLE	GALLERIE AREA AND ROADWAY LUMINAIRE (B) TO CR. 400K, 1550MA LIGHTFOURIES WITH 14 LEDES EACH AND TYPE IV FORWARD THROW OPTICS WITH HOUSE SIDE SHIELD	4050	464	120V/277	360	
	WJP 2 R		2	Vissman Lighting LLC	BLX-14-T4-80L-4K-40V-PT-62	37 1/4 x 17 W x 8 1/4 H LED LUMINAIRE	4050	5103	120V/277	406	REMOVE EXISTING LIGHTS AND INSTALL NEW ON EXISTING WALL

Photometric Schedule							Number Lamps	Lumens Per Lamp	Light Loss Factor	Wattage	Plot
Symbol	Label	Height	Quantity	Manufacturer	Catalog Number	Description					
		6	EXISTING STREET LIGHT	EXISTING	EXISTING TO REMAIN		36	464	1	333	Plot
	CITY XRM										
	XP1 HS N	1	COOPER LIGHTING SOLUTIONS - MCGRAW-HILL (FORMERLY EATON)	GLEON-SASC-740-U-1-THET-HIES	GALLEON AREA AND ROADWAY LUMINAIRE (S) TO DR. 4000K, 1050MA LIGHTSQUARES WITH 16 LEDES EACH AND TYPE V FORWARD THROW OPTICS WITH HOUSE SIDE SHIELD		36	313	1	333	
	XP1 R	8	COOPER LIGHTING SOLUTIONS - MCGRAW-HILL (FORMERLY EATON)	GLEON-SASC-740-U-SWG	GALLEON AREA AND ROADWAY LUMINAIRE (S) TO DR. 4000K, 1050MA LIGHTSQUARES WITH 16 LEDES EACH AND TYPE V INDE OPTICS		36	464	1	333	
	XP1 XRM	3	COOPER LIGHTING SOLUTIONS - MCGRAW-HILL (FORMERLY EATON)	GLEON-SASC-740-U-SWG	GALLEON AREA AND ROADWAY LUMINAIRE (S) TO DR. 4000K, 1050MA LIGHTSQUARES WITH 16 LEDES EACH AND TYPE V INDE OPTICS		36	464	1	333	
	XP2 180 N	3	COOPER LIGHTING SOLUTIONS - MCGRAW-HILL (FORMERLY EATON)	GLEON-SASC-740-U-1-1NNE	GALLEON AREA AND ROADWAY LUMINAIRE (S) TO DR. 4000K, 1050MA LIGHTSQUARES WITH 16 LEDES EACH AND TYPE V INDE OPTICS		36	464	1	385	
	XP2 180 XRM	7	COOPER LIGHTING SOLUTIONS - MCGRAW-HILL (FORMERLY EATON)	GLEON-SASC-740-U-SWG	GALLEON AREA AND ROADWAY LUMINAIRE (S) TO DR. 4000K, 1050MA LIGHTSQUARES WITH 16 LEDES EACH AND TYPE V INDE OPTICS		36	464	1	385	
	XP2 XRM	1	RAB LIGHTING INC.	ALB13730FD1-D-ALB13730SP1-D-1-WP11331300D1-S-WP1231300D1-S-WP1231300D1-S (TYPE II)	CAST FINISHED METAL HOUSING, 4 CHP CN. 30W/40W LIGHT EMISSION UNITS, INSULATED PLASTIC HOPI FLECTOR WITH SPECULAR FINISH, CLEAR GLASS LENS IN CAST BRONZE PAINTED METAL FRAME.		4	3182	1	728.6	
	XP2 2 90H S R	7	COOPER LIGHTING SOLUTIONS - MCGRAW-HILL (FORMERLY EATON)	GLEON-SASC-740-U-1-THET-HIES	GALLEON AREA AND ROADWAY LUMINAIRE (S) TO DR. 4000K, 1050MA LIGHTSQUARES WITH 16 LEDES EACH AND TYPE V FORWARD THROW OPTICS WITH HOUSE SIDE SHIELD		36	313	1	385	
	XP2 90 R	2	COOPER LIGHTING SOLUTIONS - MCGRAW-HILL (FORMERLY EATON)	GLEON-SASC-740-U-1-THET-HIES	GALLEON AREA AND ROADWAY LUMINAIRE (S) TO DR. 4000K, 1050MA LIGHTSQUARES WITH 16 LEDES EACH AND TYPE V FORWARD THROW OPTICS WITH HOUSE SIDE SHIELD		36	313	1	385	
	XP3 R	3	COOPER LIGHTING SOLUTIONS - MCGRAW-HILL (FORMERLY EATON)	GLEON-SASC-740-U-SWG	GALLEON AREA AND ROADWAY LUMINAIRE (S) TO DR. 4000K, 1050MA LIGHTSQUARES WITH 16 LEDES EACH AND TYPE V INDE OPTICS		36	464	1	389	
	XP4 R	1	COOPER LIGHTING SOLUTIONS - MCGRAW-HILL (FORMERLY EATON)	GLEON-SASC-740-U-1-1NNE	GALLEON AREA AND ROADWAY LUMINAIRE (S) TO DR. 4000K, 1050MA LIGHTSQUARES WITH 16 LEDES EACH AND TYPE V INDE OPTICS		36	464	1	1332	
	WJ N	7	Lithonia Lighting	DSWGL LED 20C 1000 40C 197M 129277	DSWGL LED WITH 2 LIGHT ENGINES, 20 LEED, 1000mA DRIVER, 4000K LED, TYPE FORWARD THROW MEDIUM OPTIC		1	7593	1	73	
	WJ R	13	Lithonia Lighting	DSWGL LED 20C 1000 40C 197M 129277	DSWGL LED WITH 2 LIGHT ENGINES, 20 LEED, 1000mA DRIVER, 4000K LED, TYPE FORWARD THROW MEDIUM OPTIC		1	7593	1	73	
	XWP R	1	Wayne Lighting LLC	BL3-8-8-1-4-35-46-50V	37" h x 1.26" w x 8" h LED LUMINAIRE		1	73414	1	505	
	XWD XRM	14	Wayne Lighting LLC	GDH-1-4-11-4-6L-C-3-4K-	26" h d x 17.5" h LED LUMINAIRE		1	7791	1	54	

Photometric Schedule											
Symbol	Label	Image	Quantity	Manufacturer	Catalog Number	Description	Number Lenses	Lumens Per Lens	Light Loss Factor	Wattage	Plot
	XF XRM		10	RAB Lighting Inc.		DR334-RH(0)9120W5	1	1173	1	15,354	
	XD XRM		5	RAB LIGHTING INC. RAB LIGHTING	BLESHIN BLEDHAND19 BLD SQUARE SQUAREVIBLEDHAND 19	EXTENDED BROWN PAINTED SQUARE METAL LOW-GLARE, CAST METAL TOP, CAST FINISH METAL, REAR AND SIDE WHITE PAINTED. 1/2" DEEP. ROUND CIRCULAR FINISH PLASTIC REFLECTOR WITH WHITE PAINTED. 1/2" DEEP. ROUND CIRCULAR OPTICAL COMPARTMENTS, 3 OPTICAL COMPARTMENT CONTAINS 1 WHITE CIRCULAR BOARD WITH 5 LEDs, FRONTED PLASTIC LENS, CAST BRONZE PAINTED METAL BOTTOM.	15	127	1	174	
	XWP 1 R		5	Lithonia Lighting	DSXW1 LED 20C S39 4K TPTM 120277	DSXW1 LED WITH (2) 15 LED LIGHT ENGINEES, TYPE TPTM OPTIC, 4000K, @ 530lm.	1	4360	1	34.9	
	BB XRM		21	Lithonia Lighting	DSXW1 LED 20C S39 4K TPTM 120277	DSXW1 LED WITH (2) 15 LED LIGHT ENGINEES, TYPE TPTM OPTIC, 4000K, @ 530lm.	1	4360	1	34.9	
	XWP N		1	Valsmark Lighting LLC	BLX10-4-T4-0FL-4-K-UNV	37" x L x 28" in W x 4" in H LED LUMINAIRE	1	73141	1	508	
	BB R		5	Lithonia Lighting	DSXW1 LED 20C S39 4K TPTM 120277	DSXW1 LED WITH (2) 15 LED LIGHT ENGINEES, TYPE TPTM OPTIC, 4000K, @ 530lm.	1	4360	1	34.9	
	XP2 R		4	COOPER LIGHTING SOLUTIONS - MAJORAN-EDISON (FORMERLY EATON)	GLEBON-SAGC-740-1-2W0	GALLEON AREA AND ROADWAY LUMINAIRE (0) 70 GR, 1000K, 1059mA LIGHT SQUARES WITH 16 LEDs EACH AND TYPE V WIDE OPTICS	95	404	1	555	
	XP3 N		2	COOPER LIGHTING SOLUTIONS - MAJORAN-EDISON (FORMERLY EATON)	GLEBON-SAGC-740-1-2W0	GALLEON AREA AND ROADWAY LUMINAIRE (0) 70 GR, 1000K, 1059mA LIGHT SQUARES WITH 16 LEDs EACH AND TYPE V WIDE OPTICS	38	404	1	389	
	XWP 2 R	4 2 		Valsmark Lighting LLC	BLX10-4-T4-0FL-4-K-UNV	37" x L x 17" in W x 4" in H LED LUMINAIRE	1	81039	1	456	



I HEREBY CERTIFY THAT THIS PLAN SPECIFICATION OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA

DATE: 4-22-22 REG. #: 25509
SIGNED: David S. Hove
DAVID S. HOVE

DRAWN BY: K. KUEHN
CHECKED BY: M. KEYS
DATE: 4-8-77

[illegible]

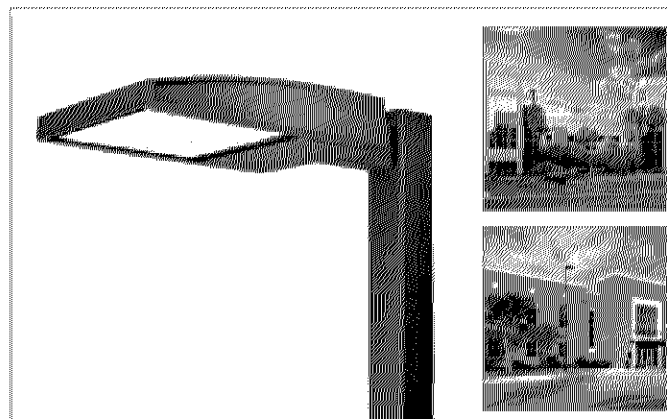
VALLEY WEST SHOPPING CENTER
SITE RELIGHTING
FRANCE AVENUE S & W OLD SHAKOPEE
BLOOMINGTON MN

LIGHT FIXTURE SCHEDULES

SCALE: 1"=50'-0"

E062

Project	Catalog #	GLEON- SA6C-740-U-5WQ-BZ	Type	XP1HS N
Prepared by	Notes	(1 HEAD) (R MEANS MOUNT ON EXISTING POLE)	Date	



McGraw-Edison GLEON Galleon

Area / Site Luminaire

Product Features



Product Certifications



Interactive Menu

- Ordering Information [page 2](#)
- Mounting Details [page 3](#)
- Optical Distributions [page 4](#)
- Product Specifications [page 4](#)
- Energy and Performance Data [page 4](#)
- Control Options [page 4](#)

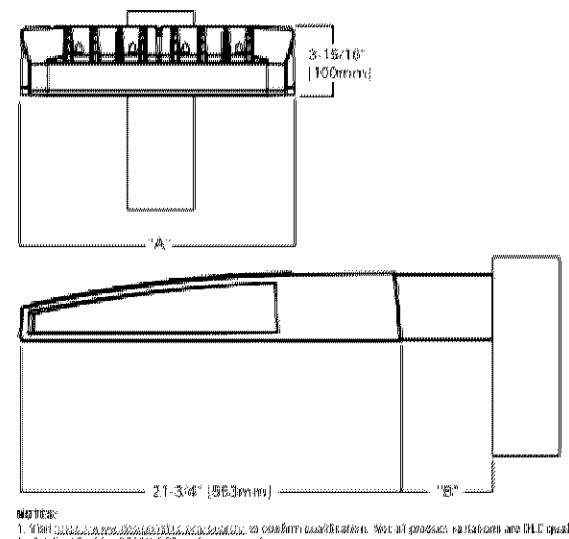
Quick Facts

- Lumen packages range from 4,200 - 80,800 (34W - 640W)
- Efficacy up to 156 lumens per watt
- Options to meet Buy American and other domestic preference requirements

Connected Systems

- WaveLink
- Enlighted

Dimensional Details



Number of Light Sources	"X" Width	"Y" Depth	"Z" Extended Arm Length	"T" Quick Mount Arm Length	"Q" Quick Mount Extended Arm Length
1.4	15-1/2"	7"	13"	10-5/8"	16-9/16"
5.6	21-5/8"	7"	13"	10-5/8"	16-9/16"
7.8	27-5/8"	7"	13"	10-5/8"	-
9.10	33-3/4"	7"	16"	-	-

NOTES:
1. For details on mounting and installation, see the Mounting Details section.
2. For details on mounting and installation, see the Mounting Details section.

Ordering Information

SAMPLE NUMBER: GLEON-SA6C-740-U-T4FT-GM

Product Family	Light Output Configuration	Color Temperature	Voltage	Distribution	Mounting	Finish
SA6C-740-U-T4FT-GM	SA6C-740-U-T4FT-GM	4000K	120V	T4-10°	Quick Mount	Black

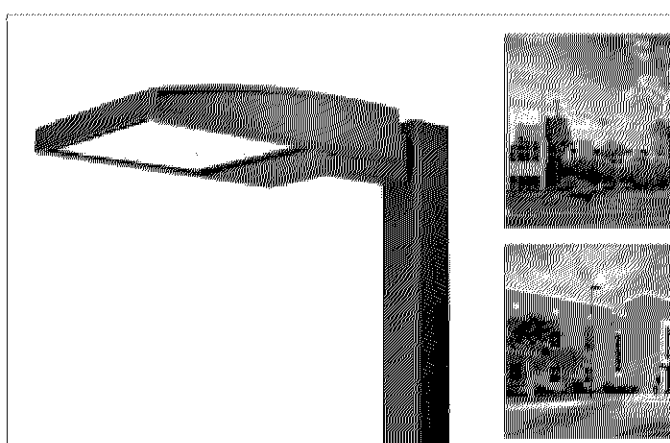
Options (Add as Suffix)	Options (Add as Suffix)	Options (Add as Suffix)
SA6C-740-U-T4FT-GM	SA6C-740-U-T4FT-GM	SA6C-740-U-T4FT-GM

Input Current @ 120V (A)	Input Current @ 208V (A)	Input Current @ 240V (A)	Input Current @ 277V (A)	Input Current @ 347V (A)	Input Current @ 480V (A)
0.38	0.63	0.83	1.03	1.23	1.43

Input Current @ 120V (A)	Input Current @ 208V (A)	Input Current @ 240V (A)	Input Current @ 277V (A)	Input Current @ 347V (A)	Input Current @ 480V (A)
0.38	0.63	0.83	1.03	1.23	1.43

Input Current @ 120V (A)	Input Current @ 208V (A)	Input Current @ 240V (A)	Input Current @ 277V (A)	Input Current @ 347V (A)	Input Current @ 480V (A)
0.38	0.63	0.83	1.03	1.23	1.43

Project	Catalog #	GLEON- SA6C-740-U-5WQ-BZ	Type	XP1 R
Prepared by	Notes	(1 HEAD) (R MEANS MOUNT ON EXISTING POLE)	Date	



McGraw-Edison GLEON Galleon

Area / Site Luminaire

Product Features



Product Certifications



Interactive Menu

- Ordering Information [page 2](#)
- Mounting Details [page 3](#)
- Optical Distributions [page 4](#)
- Product Specifications [page 4](#)
- Energy and Performance Data [page 4](#)
- Control Options [page 4](#)

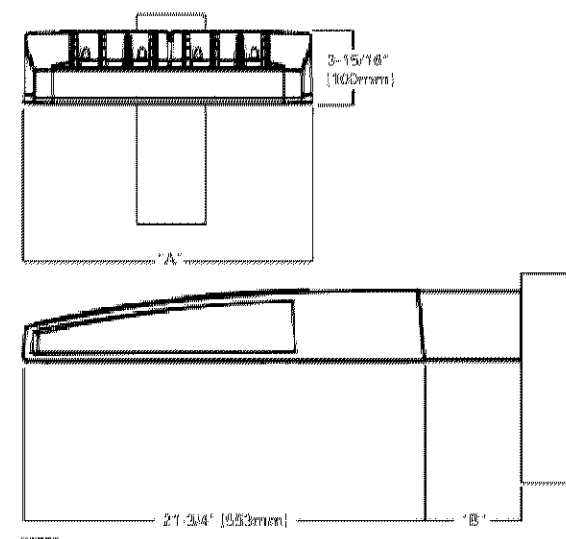
Quick Facts

- Lumen packages range from 4,200 - 80,800 (34W - 640W)
- Efficacy up to 156 lumens per watt
- Options to meet Buy American and other domestic preference requirements

Connected Systems

- WaveLink
- Enlighted

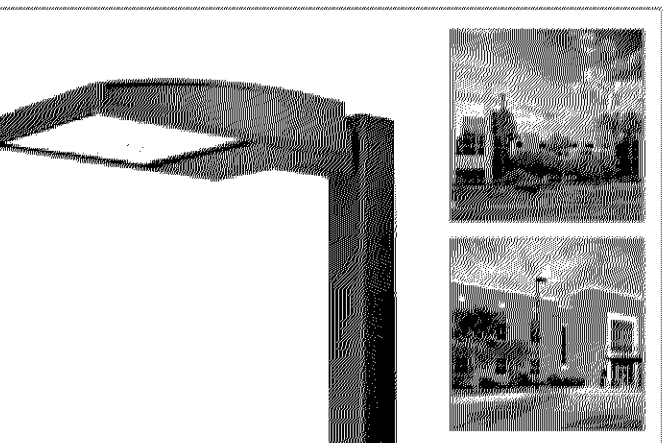
Dimensional Details



Number of Light Sources	"X" Width	"Y" Depth	"Z" Extended Arm Length	"T" Quick Mount Arm Length	"Q" Quick Mount Extended Arm Length
1.4	15-1/2"	7"	13"	10-5/8"	16-9/16"
5.6	21-5/8"	7"	13"	10-5/8"	16-9/16"
7.8	27-5/8"	7"	13"	10-5/8"	-
9.10	33-3/4"	7"	16"	-	-

NOTES:
1. For details on mounting and installation, see the Mounting Details section.
2. For details on mounting and installation, see the Mounting Details section.

Project	Catalog #	GLEON- SA6C-740-U-5WQ-BZ	Type	XP2 R XP2-180 N
Prepared by	Notes	(2 HEADS) (N MEANS NEW) (R MEANS MOUNT ON EXISTING POLE)	Date	



McGraw-Edison GLEON Galleon

Area / Site Luminaire

Product Features



Product Certifications



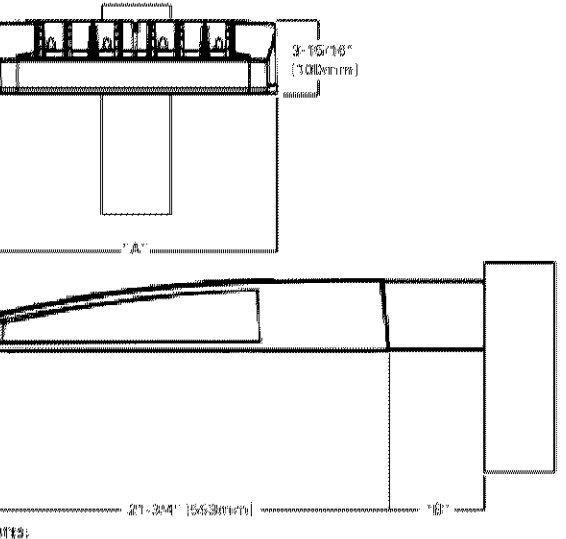
Interactive Menu

- Ordering Information [page 2](#)
- Mounting Details [page 3](#)
- Optical Distributions [page 4](#)
- Product Specifications [page 4](#)
- Energy and Performance Data [page 4](#)
- Control Options [page 4](#)

Quick Facts

- Lumen packages range from 4,200 - 80,800 (34W - 640W)
- Efficacy up to 156 lumens per watt
- Options to meet Buy American and other domestic preference requirements

Dimensional Details

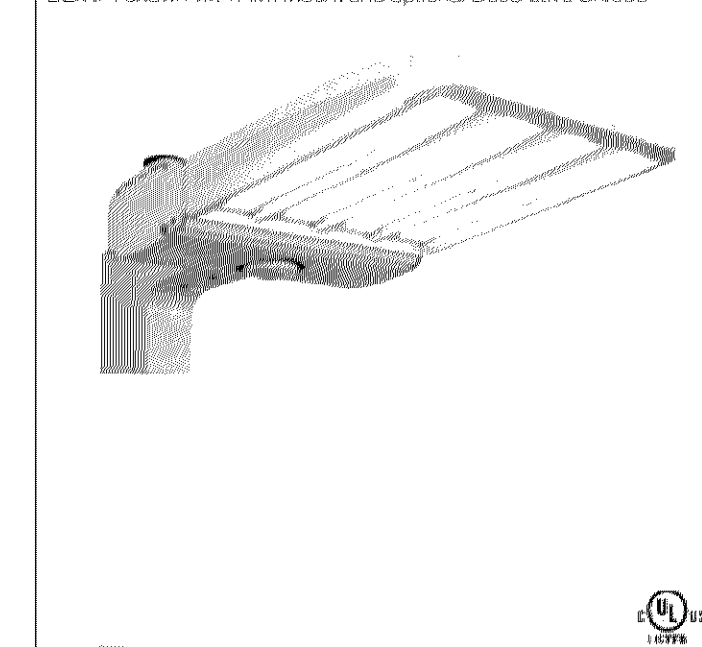


Number of Light Sources	"X" Width	"Y" Depth	"Z" Extended Arm Length	"T" Quick Mount Arm Length	"Q" Quick Mount Extended Arm Length
1.4	15-1/2"	7"	13"	10-5/8"	16-9/16"
5.6	21-5/8"	7"	13"	10-5/8"	16-9/16"
7.8	27-5/8"	7"	13"	10-5/8"	-
9.10	33-3/4"	7"	16"	-	-

NOTES:
1. For details on mounting and installation, see the Mounting Details section.
2. For details on mounting and installation, see the Mounting Details section.

BLX-II ARRAY LED Specifications

BLX-II shown with Arm Mount and optional Decorative Shroud



Product Name: BLX-II T4 60L 4K UNV PT BZ

Category: XWP R & XWP N

Sample Number: XWP2 R

The new BLX-II Array LED Series combines the unique contemporary design, efficiency, and reliability of the BLX-II Array. It features a sleek, modern design with a wide range of mounting options and a variety of lumen packages to meet your needs.

The BLX-II Array LED Series is offered with lumen packages ranging from 4,200 to 80,800 lumens per watt. It is available in a variety of mounting options and finishes to meet your needs.

The BLX-II Array LED Series is offered with a variety of mounting options and finishes to meet your needs.

The BLX-II Array LED Series is offered with a variety of mounting options and finishes to meet your needs.

The BLX-II Array LED Series is offered with a variety of mounting options and finishes to meet your needs.

The BLX-II Array LED Series is offered with a variety of mounting options and finishes to meet your needs.

The BLX-II Array LED Series is offered with a variety of mounting options and finishes to meet your needs.

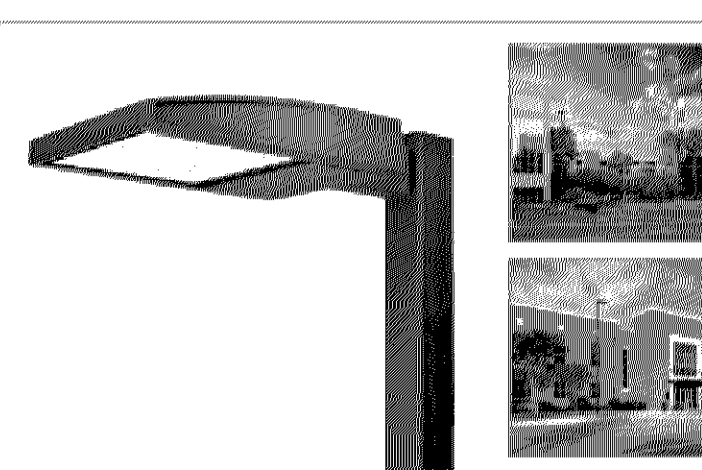
The BLX-II Array LED Series is offered with a variety of mounting options and finishes to meet your needs.

Ordering Information

MODEL	OPTICS	LUMENS	KELVIN	VOLTAGE	MOUNTING	MOUNTING	FINISH	OPTIONS	OPTIONS
BLX-II-3	T1 Type 1	20L	3K	UNV	PT	MA	Black	W5C-6	W5C-6
BLX-II-4	T2 Type 2	25L	4K	8	MA	MA	Black	W5C-6	W5C-6
BLX-II-5	T3 Type 3	30L	5K	5	MA	MA	Black	W5C-6	W5C-6
BLX-II-6	T4 Type 4	40L	6K	5	MA	MA	Black	W5C-6	W5C-6
BLX-II-7	T5 Type 5	50L	7K	5	MA	MA	Black	W5C-6	W5C-6
BLX-II-8	T6 Type 6	60L	8K	5	MA	MA	Black	W5C-6	W5C-6
BLX-II-9	T7 Type 7	70L	9K	5	MA	MA	Black	W5C-6	W5C-6
BLX-II-10	T8 Type 8	80L	10K	5	MA	MA	Black	W5C-6	W5C-6
BLX-II-11	T9 Type 9	90L	11K	5	MA	MA	Black	W5C-6	W5C-6
BLX-II-12	T10 Type 10	100L	12K	5	MA	MA	Black	W5C-6	W5C-6
BLX-II-13	T11 Type 11	110L	13K	5	MA	MA	Black	W5C-6	W5C-6
BLX-II-14	T12 Type 12	120L	14K	5	MA	MA	Black	W5C-6	W5C-6
BLX-II-15	T13 Type 13	130L	15K	5	MA	MA	Black	W5C-6	W5C-6
BLX-II-16	T14 Type 14	140L	16K	5	MA	MA	Black	W5C-6	W5C-6
BLX-II-17	T15 Type 15	150L	17K	5	MA	MA	Black	W5C-6	W5C-6
BLX-II-18	T16 Type 16	160L	18K	5	MA	MA	Black	W5C-6	W5C-6
BLX-II-19	T17 Type 17	170L	19K	5	MA	MA	Black	W5C-6	W5C-6
BLX-II-20	T18 Type 18	180L	20K	5	MA	MA	Black	W5C-6	W5C-6

VISIONAIRE LIGHTING

Project	Catalog #	GLEON- SA6C-740-U-5WQ-QMEA-BZ	Type	XP3 N & XP3 R
Prepared by	Notes	(3 HEADS) (I MEANS NEW) (R MEANS MOUNT ON EXISTING POLE)	Date	



McGraw-Edison GLEON Galleon

Area / Site Luminaire

Product Features



Product Certifications



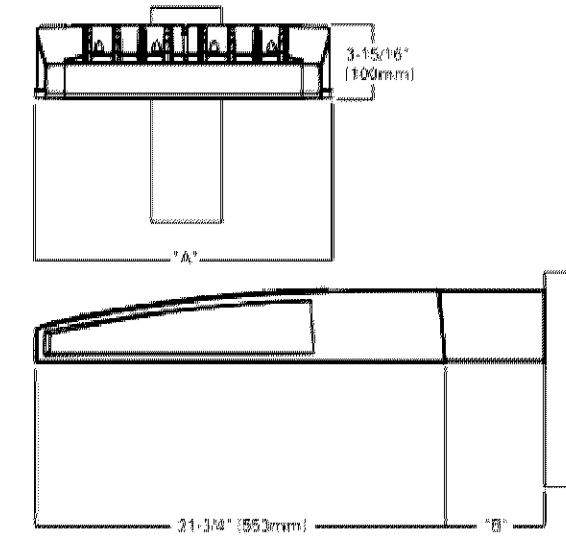
Interactive Menu

- Ordering Information [page 2](#)
- Mounting Details [page 3](#)
- Optical Distributions [page 4](#)
- Product Specifications [page 4](#)
- Energy and Performance Data [page 4](#)
- Control Options [page 4](#)

Quick Facts

- Lumen packages range from 4,200 - 80,800 (34W - 640W)
- Efficacy up to 156 lumens per watt
- Options to meet Buy American and other domestic preference requirements

Dimensional Details



Number of Light Sources	"X" Width	"Y" Depth	"Z" Extended Arm Length	"T" Quick Mount Arm Length	"Q" Quick Mount Extended Arm Length
1.4	15-1/2"	7"	13"	10-5/8"	16-9/16"
5.6	21-5/8"	7"	13"	10-5/8"	16-9/16"
7.8	27-5/8"	7"	13"	10-5/8"	-
9.10	33-3/4"	7"	16"	-	-

NOTES:
1. For details on mounting and installation, see the Mounting Details section.
2. For details on mounting and installation, see the Mounting Details section.

NOTES:
1. For details on mounting and installation, see the Mounting Details section.
2. For details on mounting and installation, see the Mounting Details section.

Ordering Information

SAMPLE NUMBER: GLEON-SA6C-740-U-T4FT-GM

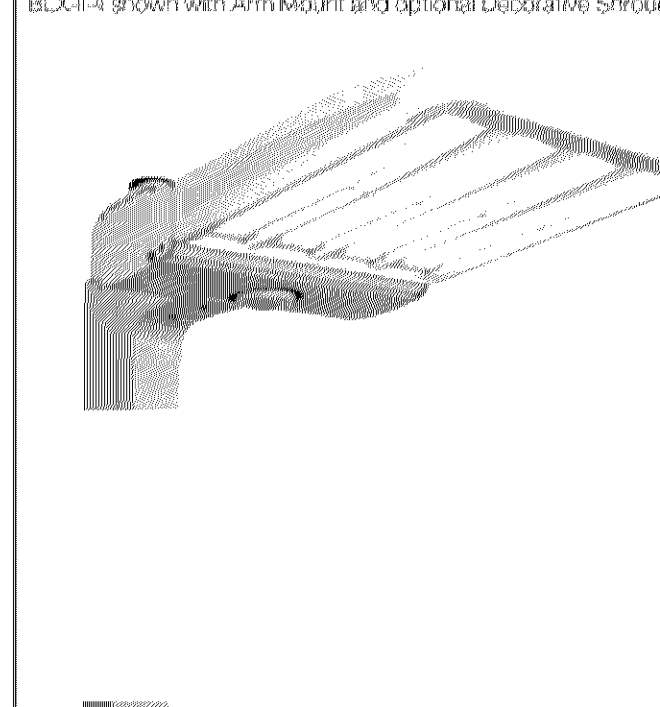
Product Family	Light Output Configuration	Color Temperature	Voltage	Distribution	Mounting	Finish
SA6C-740-U-T4FT-GM	SA6C-740-U-T4FT-GM	4000K	120V	T4-10°	Quick Mount	Black

Input Current @ 120V (A)	Input Current @ 208V (A)	Input Current @ 240V (A)	Input Current @ 277V (A)	Input Current @ 347V (A)	Input Current @ 480V (A)
0.38	0.63	0.83	1.03	1.23	1.43

Input Current @ 120V (A)	Input Current @ 208V (A)	Input Current @ 240V (A)	Input Current @ 277V (A)	Input Current @ 347V (A)	Input Current @ 480V (A)
0.38	0.63	0.83	1.03	1.23	1.43

BLX-II ARRAY LED Specifications

BLX-II shown with Arm Mount and optional Decorative Shroud



Product Name: BLX-II T4 80L 4K UNV BAWP-XL

Category: XWP R & XWP N

Sample Number: XWP R & XWP N

The new BLX-II Array LED Series combines the unique contemporary design, efficiency, and reliability of the BLX-II Array. It features a sleek, modern design with a wide range of mounting options and a variety of lumen packages to meet your needs.

The BLX-II Array LED Series is offered with lumen packages ranging from 4,200 to 80,800 lumens per watt. It is available in a variety of mounting options and finishes to meet your needs.

The BLX-II Array LED Series is offered with a variety of mounting options and finishes to meet your needs.

The BLX-II Array LED Series is offered with a variety of mounting options and finishes to meet your needs.

The BLX-II Array LED Series is offered with a variety of mounting options and finishes to meet your needs.

The BLX-II Array LED Series is offered with a variety of mounting options and finishes to meet your needs.

The BLX-II Array LED Series is offered with a variety of mounting options and finishes to meet your needs.

The BLX-II Array LED Series is offered with a variety of mounting options and finishes to meet your needs.

The BLX-II Array LED Series is offered with a variety of mounting options and finishes to meet your needs.

Ordering Information

MODEL	OPTICS	LUMENS	KELVIN	VOLTAGE	MOUNTING	MOUNTING	FINISH	OPTIONS	OPTICS
BLX-4-3	T1 Type 1	20L	3K 3000K	UNV 0-10V	PT Post Mount	WM Walkmount Black & Grey	GY Grey	PCR-120 PCR-208	W5C-6 H5C-6
	T2 Type 2	25L	4K 4000K	8 3-17V	MA Maxi Mount	WM Walkmount Black & Grey	SL Silver Metallic	PCR-242 PCR-272	W5C-6 H5C-6
	T3 Type 3	30L	5K 5000K	5 n.d.v	AWM Academy Walkmount	WM Walkmount Black & Grey	SL Silver Metallic	PCR-347 PCR-480	W5C-6 H5C-6
	T4 Type 4	40L	6K 6000K	5 n.d.v	BOA Boat Mount	WM Walkmount Black & Grey	SL Silver Metallic	PCR-547 PCR-577	W5C-6 H5C-6
	T5L Type 5L	45L	6K 6000K	5 n.d.v	AWM Academy Walkmount	WM Walkmount Black & Grey	SL Silver Metallic	PCR-547 PCR-577	W5C-6 H5C-6
BLX-4-4	T6L Type 6L	50L	7K 7000K	5 n.d.v	AWM Academy Walkmount	WM Walkmount Black & Grey	SL Silver Metallic	PCR-547 PCR-577	W5C-6 H5C-6
	T4L Type 4L	60L	6K 6000K	5 n.d.v	AWM Academy Walkmount	WM Walkmount Black & Grey	SL Silver Metallic	PCR-547 PCR-577	W5C-6 H5C-6
	T4A Type 4A	65L	6K 6000K	5 n.d.v	AWM Academy Walkmount	WM Walkmount Black & Grey	SL Silver Metallic	PCR-547 PCR-577	W5C-6 H5C-6
	T4A Type 4A	70L	6K 6000K	5 n.d.v	AWM Academy Walkmount	WM Walkmount Black & Grey	SL Silver Metallic	PCR-547 PCR-577	W5C-6 H5C-6
BLX-4-6	T5SR Type 5SR	50L	7K 7000K	5 n.d.v	UPMA- Universal Post Mount	BZ Black Zinc Plated	W5C-6 H5C-6	PCR-547 PCR-577	W5C-6 H5C-6
	T5SR Type 5SR	100L	7K 7000K	5 n.d.v	UPMA- Universal Post Mount	BZ Black Zinc Plated	W5C-6 H5C-6	PCR-547 PCR-577	W5C-6 H5C-6
BLX-4-8	T7SL Type 7SL	110L	7K 7000K	5 n.d.v	UPMA- Universal Post Mount	BZ Black Zinc Plated	W5C-6 H5C-6	PCR-547 PCR-577	W5C-6 H5C-6
	T7SL Type 7SL	120L	7K 7000K	5 n.d.v	UPMA- Universal Post Mount	BZ Black Zinc Plated	W5C-6 H5C-6	PCR-547 PCR-577	W5C-6 H5C-6

