

DATE:	LOCATION:
TYPE:	PROJECT:
CATALOG #:	

DELIVERED LUMENS (CONTINUED)

The table below shows the delivered lumens for the various lumen outputs and beam distributions. Use this chart in connection with the lumen factor (LF) capability to deliver any output required.

LED #	Drive Current	Lumen Package	Lens	Distribution	3000K 70CRI					4000K 70CRI					5000K 70CRI				
					Lumen	Bug Rating			Efficacy (Lm/W)	Lumen	Bug Rating			Efficacy (Lm/W)	Lumen	Bug Rating			Efficacy (Lm/W)
72	700	16000	None	1	16349	2	0	2	102.9	17028	2	0	2	107.2	17582	2	0	2	110.7
				2	15538	2	0	2	97.8	16184	3	0	3	101.9	16710	3	0	3	105.2
				3	15421	2	0	3	97.1	16062	2	0	3	101.1	16584	2	0	3	104.4
				4	15198	2	0	4	95.7	15830	2	0	4	99.6	16344	2	0	4	102.9
				1-HS	8674	1	0	1	54.6	9034	1	0	1	56.9	9328	1	0	1	58.7
				2-HS	7594	1	0	1	47.8	7909	1	0	1	49.8	8167	1	0	1	51.4
				3-HS	7279	1	0	2	45.8	7582	1	0	2	47.7	7828	1	0	2	49.3
				4-HS	7077	1	0	2	44.5	7371	1	0	2	46.4	7611	1	0	2	47.9
				5Q	15801	4	0	2	99.5	16458	4	0	2	103.6	16993	4	0	2	107.0
			5W	14715	4	0	2	92.6	15327	4	0	2	96.5	15826	4	0	2	99.6	
			Clear	1-CL	13901	2	0	1	87.5	14479	2	0	2	91.1	14950	2	0	2	94.1
				2-CL	13212	2	0	2	83.2	13761	2	0	2	86.6	14208	2	0	2	89.4
				3-CL	13112	2	0	3	82.5	13657	2	0	3	86.0	14101	2	0	3	88.8
				4-CL	12922	2	0	3	81.3	13459	2	0	3	84.7	13897	2	0	3	87.5
				1-CL-HS	7375	0	0	1	46.4	7682	0	0	1	48.4	7931	1	0	1	49.9
				2-CL-HS	6457	1	0	1	40.6	6725	1	0	1	42.3	6944	1	0	1	43.7
				3-CL-HS	6189	1	0	1	39.0	6447	1	0	1	40.6	6656	1	0	2	41.9
				4-CL-HS	6017	1	0	2	37.9	6268	1	0	2	39.5	6471	1	0	2	40.7
				5Q-CL	13435	3	0	1	84.6	13994	3	0	2	88.1	14449	3	0	2	90.9
			5W-CL	12512	4	0	2	78.8	13032	4	0	2	82.0	13456	4	0	2	84.7	
			Diffused	3-DL	10472	2	0	2	65.9	10907	2	0	2	68.7	11262	2	0	2	70.9
				5W-DL	9993	3	0	2	62.9	10409	3	0	2	65.5	10747	3	0	2	67.6

PHOTOMETRY

SLVT2-72L-700-4K7-1

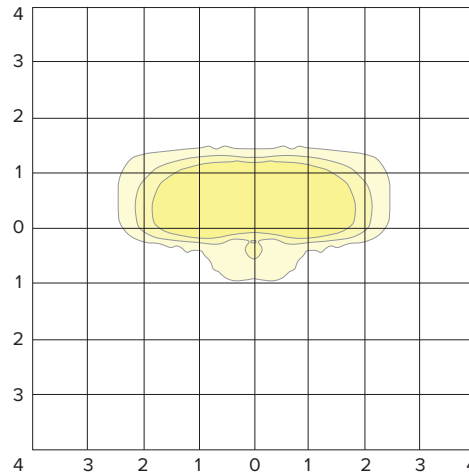
LUMINAIRE DATA

Description	4000 Kelvin, 70CRI
Delivered Lumens	17028
Watts	158.9
Efficacy	107.2
IES Type	I
BUG Rating	B2-U0-G2
Mounting Height	30 ft
Grid Scale	30 ft

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	14666	86%
Downward House Side	2362	14%
Downward Total	17028	100%
Upward Street Side	0	0%
Upward House Side	0	0%
Upward Total	0	0%
Total Flux	17028	100%

ISOFOOT CANDLE PLOT



30' Mounting Height

1.0 FC
0.5 FC
0.2 FC

SLVT2-72L-700-4K7-2

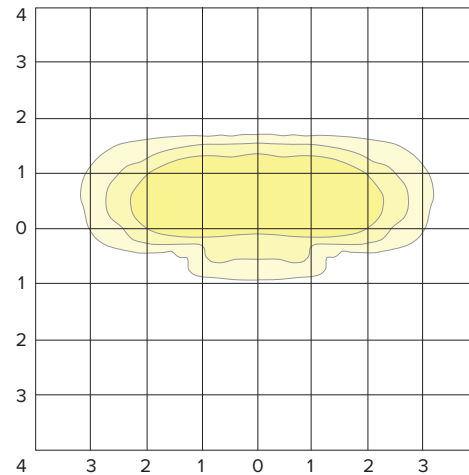
LUMINAIRE DATA

Description	4000 Kelvin, 70CRI
Delivered Lumens	16184
Watts	158.9
Efficacy	101.9
IES Type	II
BUG Rating	B3-U0-G3
Mounting Height	30 ft
Grid Scale	30 ft

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	13166	81%
Downward House Side	3018	19%
Downward Total	16184	100%
Upward Street Side	0	0%
Upward House Side	0	0%
Upward Total	0	0%
Total Flux	16184	100%

ISOFOOT CANDLE PLOT



30' Mounting Height

1.0 FC
0.5 FC
0.2 FC

SLVT2-72L-700-4K7-3

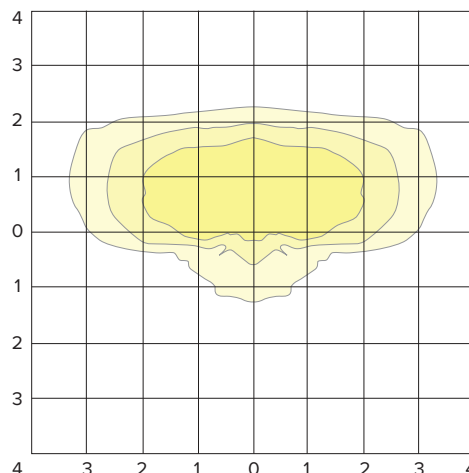
LUMINAIRE DATA

Description	4000 Kelvin, 70CRI
Delivered Lumens	16062
Watts	158.9
Efficacy	101.1
IES Type	III
BUG Rating	B2-U0-G3
Mounting Height	30 ft
Grid Scale	30 ft

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	13411	83%
Downward House Side	2651	17%
Downward Total	16062	100%
Upward Street Side	0	0%
Upward House Side	0	0%
Upward Total	0	0%
Total Flux	16062	100%

ISOFOOT CANDLE PLOT



30' Mounting Height

1.0 FC
0.5 FC
0.2 FC

PHOTOMETRY

SLVT2-72L-700-4K7-4W

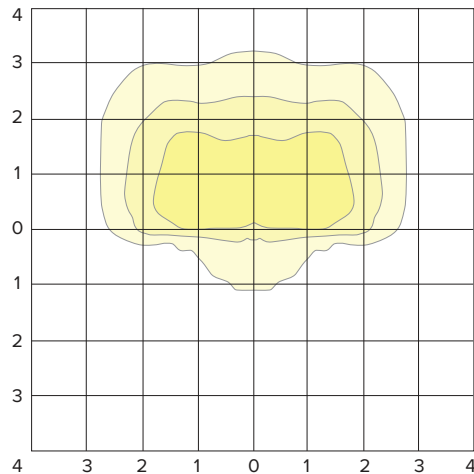
LUMINAIRE DATA

Description	4000 Kelvin, 70CRI
Delivered Lumens	15830
Watts	158.9
Efficacy	99.6
IES Type	IV
BUG Rating	B2-U0-G4
Mounting Height	30 ft
Grid Scale	30 ft

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	13680	86%
Downward House Side	2150	14%
Downward Total	15830	100%
Upward Street Side	0	0%
Upward House Side	0	0%
Upward Total	0	0%
Total Flux	15830	100%

ISOFOOT CANDLE PLOT



30' Mounting Height

1.0 FC
0.5 FC
0.2 FC

SLVT2-72L-700-4K7-5Q

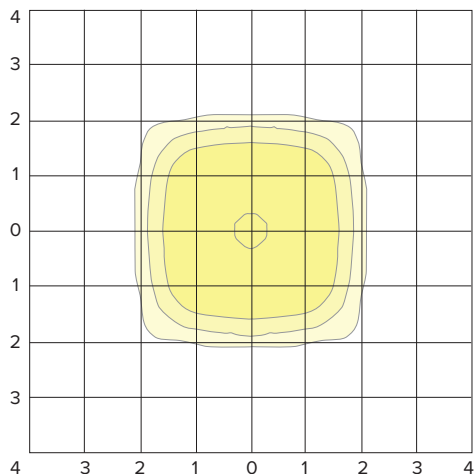
LUMINAIRE DATA

Description	4000 Kelvin, 70CRI
Delivered Lumens	16458
Watts	158.9
Efficacy	103.6
IES Type	VS
BUG Rating	B4-U0-G2
Mounting Height	30 ft
Grid Scale	30 ft

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	8229	50%
Downward House Side	8229	50%
Downward Total	16458	100%
Upward Street Side	0	0%
Upward House Side	0	0%
Upward Total	0	0%
Total Flux	16458	100%

ISOFOOT CANDLE PLOT



30' Mounting Height

1.0 FC
0.5 FC
0.2 FC

SLVT2-72L-700-4K7-5W

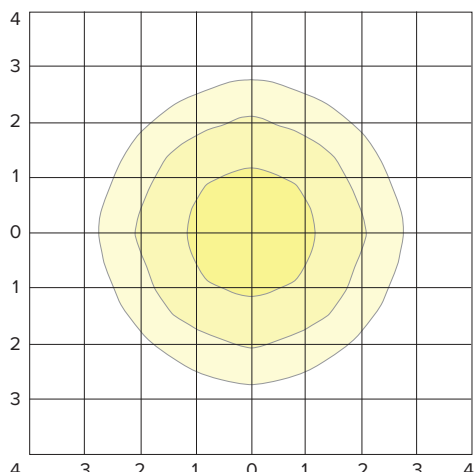
LUMINAIRE DATA

Description	4000 Kelvin, 70CRI
Delivered Lumens	15327
Watts	158.9
Efficacy	96.5
IES Type	VS
BUG Rating	B4-U0-G2
Mounting Height	30 ft
Grid Scale	30 ft

ZONAL LUMEN SUMMARY

Zone	Lumens	% Luminaire
Downward Street Side	7664	50%
Downward House Side	7664	50%
Downward Total	15327	100%
Upward Street Side	0	0%
Upward House Side	0	0%
Upward Total	0	0%
Total Flux	15327	100%

ISOFOOT CANDLE PLOT

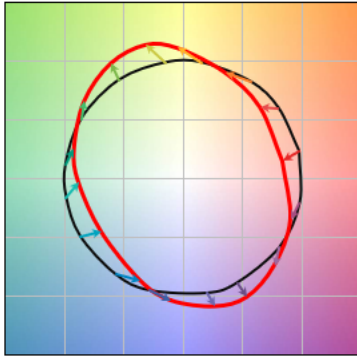


30' Mounting Height

1.0 FC
0.5 FC
0.2 FC

TM-30 DATA

COLOR VECTOR GRAPHIC

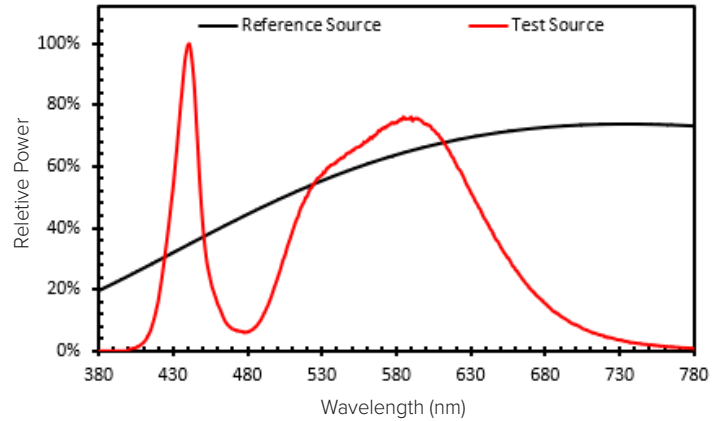


— Reference Illuminant — Test Source

TEST SOURCE

MBM TEST RESULTS	
CCT (K)	3947
CIE Ra	72
Duv	0.0004
x	0.3831
y	0.3793
Rf	68
Rg	99

SPECTRAL POWER DISTRIBUTION COMPARISON



ELECTRICAL DATA

Electrical											Dimming					
System Current	System Watts	Line Voltage		Amps AC						Min. Power Factor	Max THD (%)	Dimming Range	Source current out of 0-10V		Absolute voltage range on 0-10V (+)	
		VAC	HZ	120	208	240	277	347	480				Min	Max	Min	Max
285 mA	63.6	120-277	50/60	0.53	0.31	0.27	0.23	0.18	0.13	>0.9	20	10% to 100%	0mA	1mA	0V	10V
335 mA	75.5			0.63	0.36	0.31	0.27	0.22	0.16							
430 mA	97.2			0.81	0.47	0.41	0.35	0.28	0.20							
500 mA	114.5			0.95	0.55	0.48	0.41	0.33	0.24							
700 mA	158.9			1.32	0.76	0.66	0.57	0.46	0.33							

AMBER MULTIPLIER	
CCT	MULTIPLIER
5000K	1
AM	0.1727

2700K MULTIPLIER	
CCT	MULTIPLIER
5000K	1
2700K	0.897

LENS OPTION MULTIPLIER	
CLEAR LENS	DIFFUSED LENS
0.8502	0.6791