

Job Name: _____
Type: _____
Part #: _____
Notes: _____

2023

DELIVERED LUMENS*												
Lumen Package	Distribution	CRI	3000KCCT			4000KCCT			5000KCCT			Wattage
			Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	Delivered Lumens	Efficacy	BUG Rating	
7L	2	70	7590	157	B2-UG-G2	7590	157	B2-UG-G2	7590	157	B2-UG-G2	48
	3		7616	159	B1-UG-G2	7616	159	B1-UG-G2	7616	159	B1-UG-G2	
	SW		7292	152	B3-UG-G1	7292	152	B3-UG-G1	7292	152	B3-UG-G1	
	FT		7592	158	B2-UG-G2	7592	158	B2-UG-G2	7592	158	B2-UG-G2	
	FIA		7595	158	B2-UG-G2	7595	158	B2-UG-G2	7595	158	B2-UG-G2	
	AM		7687	160	B1-UG-G1	7687	160	B1-UG-G1	7687	160	B1-UG-G1	
9L	2	70	9853	159	B2-UG-G2	9853	159	B2-UG-G2	9853	159	B2-UG-G2	62
	3		9926	160	B2-UG-G2	9926	160	B2-UG-G2	9926	160	B2-UG-G2	
	SW		9504	153	B3-UG-G1	9504	153	B3-UG-G1	9504	153	B3-UG-G1	
	FT		9856	159	B2-UG-G3	9856	159	B2-UG-G3	9856	159	B2-UG-G3	
	FIA		9900	160	B2-UG-G2	9900	160	B2-UG-G2	9900	160	B2-UG-G2	
	AM		10019	162	B2-UG-G1	10019	162	B2-UG-G1	10019	162	B2-UG-G1	
12L	2	70	13135	155	B3-UG-G2	13135	155	B3-UG-G2	13135	155	B3-UG-G2	85
	3		13232	156	B2-UG-G2	13232	156	B2-UG-G2	13232	156	B2-UG-G2	
	SW		12669	149	B4-UG-G2	12669	149	B4-UG-G2	12669	149	B4-UG-G2	
	FT		13138	155	B2-UG-G3	13138	155	B2-UG-G3	13138	155	B2-UG-G3	
	FIA		13196	155	B2-UG-G2	13196	155	B2-UG-G2	13196	155	B2-UG-G2	
	AM		13355	157	B2-UG-G2	13355	157	B2-UG-G2	13355	157	B2-UG-G2	
18L	2	70	19318	143	B3-UG-G3	19318	143	B3-UG-G3	19318	143	B3-UG-G3	135
	3		19461	144	B3-UG-G3	19461	144	B3-UG-G3	19461	144	B3-UG-G3	
	SW		18633	138	B4-UG-G2	18633	138	B4-UG-G2	18633	138	B4-UG-G2	
	FT		19324	143	B3-UG-G3	19324	143	B3-UG-G3	19324	143	B3-UG-G3	
	FIA		19408	144	B3-UG-G3	19408	144	B3-UG-G3	19408	144	B3-UG-G3	
	AM		19641	145	B3-UG-G2	19641	145	B3-UG-G2	19641	145	B3-UG-G2	
24L	2	70	25567	147	B4-UG-G3	25567	147	B4-UG-G3	25567	147	B4-UG-G3	176
	3		25149	149	B3-UG-G4	25149	149	B3-UG-G4	25149	149	B3-UG-G4	
	SW		25037	142	B5-UG-G3	25037	142	B5-UG-G3	25037	142	B5-UG-G3	
	FT		25564	148	B3-UG-G4	25564	148	B3-UG-G4	25564	148	B3-UG-G4	
	FIA		26077	148	B3-UG-G3	26077	148	B3-UG-G3	26077	148	B3-UG-G3	
	AM		26393	150	B3-UG-G2	26393	150	B3-UG-G2	26393	150	B3-UG-G2	
30L	2	70	32417	140	B4-UG-G3	32417	140	B4-UG-G3	32417	140	B4-UG-G3	232
	3		32656	141	B3-UG-G4	32656	141	B3-UG-G4	32656	141	B3-UG-G4	
	SW		31267	135	B5-UG-G3	31267	135	B5-UG-G3	31267	135	B5-UG-G3	
	FT		32424	140	B3-UG-G4	32424	140	B3-UG-G4	32424	140	B3-UG-G4	
	FIA		32566	140	B4-UG-G3	32566	140	B4-UG-G3	32566	140	B4-UG-G3	
	AM		32960	142	B3-UG-G3	32960	142	B3-UG-G3	32960	142	B3-UG-G3	
36L	2	70	38275	133	B4-UG-G4	38275	133	B4-UG-G4	38275	133	B4-UG-G4	288
	3		38557	134	B4-UG-G5	38557	134	B4-UG-G5	38557	134	B4-UG-G5	
	SW		36917	128	B5-UG-G4	36917	128	B5-UG-G4	36917	128	B5-UG-G4	
	FT		38283	133	B4-UG-G5	38283	133	B4-UG-G5	38283	133	B4-UG-G5	
	FIA		38450	134	B4-UG-G4	38450	134	B4-UG-G4	38450	134	B4-UG-G4	
	AM		38916	135	B3-UG-G3	38916	135	B3-UG-G3	38916	135	B3-UG-G3	

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PHOTOMETRICS (CONT)

AMRM-LED-30L-SIL-SW-40-70CRI

LUMINAIRE DATA

Type	II Distribution
Description	4000Kelvin, 70CRI
Delivered Lumens	31367
Watts	232
Efficacy	135
IES Type	Type IV-S-Short
BUG Rating	B3-UG-G3

Zonal Lumen Summary

Zone	Lumens	% Luminaire
Low (0-30°)	308	10%
Medium (30-60°)	11183	42%
High (60-90°)	19474	67%
Very High (90-120°)	356	1%
Uplight (120-180°)	0	0%
Total Flux	31367	100%

25' Mounting Height/25' Grid Spacing

AMRM-LED-30L-SIL-FTA-40-70CRI

LUMINAIRE DATA

Type	II Distribution
Description	4000Kelvin, 70CRI
Delivered Lumens	32560
Watts	232
Efficacy	140
IES Type	Type IV-S-Short
BUG Rating	B4-UG-G3

Zonal Lumen Summary

Zone	Lumens	% Luminaire
Low (0-30°)	696	2%
Medium (30-60°)	19172	59%
High (60-90°)	985	3%
Very High (90-120°)	356	1%
Uplight (120-180°)	0	0%
Total Flux	32560	100%

25' Mounting Height/25' Grid Spacing

AMRM-LED-30L-SIL-AM-40-70CRI

LUMINAIRE DATA

Type	III Distribution
Description	4000Kelvin, 70CRI
Delivered Lum	32,460
Watts	232
Efficacy	140
IES Type	Type III-Very Short
BUG Rating	B3-UG-G3

Zonal Lumen Summary

Zone	Lumens	% Luminaire
Low (0-30°)	696	2%
Medium (30-60°)	22526	67%
High (60-90°)	4192	13%
Very High (90-120°)	379	1%
Uplight (120-180°)	0	0%
Total Flux	32460	100%

25' Mounting Height/25' Grid Spacing

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DELIVERED LUMENS*

Lumen Package	Distribution	CRI	3000KCCT Delivered Lumens	Efficacy	BUG Rating	4000KCCT Delivered Lumens	Efficacy	BUG Rating	5000KCCT Delivered Lumens	Efficacy	BUG Rating	Wattage
42L	2	70	44118	125	B5-UG-G4	44118	125	B5-UG-G4	44118	125	B5-UG-G4	354
	3		44444	126	B4-UG-G5	44444	126	B4-UG-G5	44444	126	B4-UG-G5	
	SW		42555	120	B5-UG-G4	42555	120	B5-UG-G4	42555	120	B5-UG-G4	
	FT		44130	125	B4-UG-G5	44130	125	B4-UG-G5	44130	125	B4-UG-G5	
	FA		44322	125	B4-UG-G4	44322	125	B4-UG-G4	44322	125	B4-UG-G4	
	AM		44889	127	B4-UG-G3	44889	127	B4-UG-G3	44889	127	B4-UG-G3	
48L	2	70	48795	122	B5-UG-G4	48795	122	B5-UG-G4	48795	122	B5-UG-G4	401
	3		49156	123	B4-UG-G5	49156	123	B4-UG-G5	49156	123	B4-UG-G5	
	SW		47086	117	B5-UG-G4	47086	117	B5-UG-G4	47086	117	B5-UG-G4	
	FT		48809	122	B4-UG-G5	48809	122	B4-UG-G5	48809	122	B4-UG-G5	
	FA		49021	122	B5-UG-G4	49021	122	B5-UG-G4	49021	122	B5-UG-G4	
	AM		49615	124	B4-UG-G3	49615	124	B4-UG-G3	49615	124	B4-UG-G3	

ELECTRICAL DATA (AMPS)

Lumens	120V	208V	240V	277V	347V	480V
7L	0.40	0.23	0.20	0.17	0.14	0.10
9L	0.52	0.30	0.26	0.22	0.18	0.13
12L	0.71	0.41	0.35	0.31	0.24	0.18
18L	1.13	0.65	0.56	0.49	0.39	0.28
24L	1.47	0.85	0.73	0.64	0.51	0.37
30L	1.93	1.12	0.97	0.84	0.67	0.48
36L	2.40	1.38	1.20	1.04	0.83	0.60
42L	2.95	1.70	1.48	1.28	1.02	0.74
48L	3.44	1.94	1.74	1.54	1.24	0.94

ELECTRICAL DATA - PHOSPHOR CONVERTED AMBER (AMPS)*

Lumens	Watts	120V	208V	240V	277V	347V	480V
9L	74.3	0.6A	0.4A	0.3A	0.3A	0.2A	0.2A
12L	102.9	0.9A	0.5A	0.4A	0.4A	0.3A	0.2A

*Electrical data at 25°C (77°F). Actual wattage may differ by +/- 10%.

RECOMMENDED LUMEN MAINTENANCE* (7-18L)

Ambient	Initial	25h	50h	75h	100h
0-50C	100%	99%	97%	95%	94%

RECOMMENDED LUMEN MAINTENANCE* (24-48L)

Ambient	Initial	25h	50h	75h	100h
0-40C	100%	100%	97%	94%	92%

1. Lumen maintenance values at 25C are calculated per TM-21 based on LM-80 data and in-situ testing.

2. In accordance with IESNA TM-21-11, Projected Values represent interpolated value based on time durations that are within six times the IESNA LM-80-08 total test duration for the device under testing.

3. In accordance with IESNA TM-21-11, Calculated Values represent time durations that exceed six times the IESNA LM-80-08 total test duration for the device under testing.

DELIVERED LUMENS*

Lumen Package	Distribution	Phosphor Converted Amber (Peak 610nm)	Delivered Lumens	Efficacy	BUG Rating	Wattage
9L	2	5848	80	B3-UG-G2	74	12
	3	6018	82	B1-UG-G1		
	SW	5471	74	B3-UG-G1		
	FT	5901	79	B4-UG-G1		
	FA	5924	81	B1-UG-G1		
	AM	5955	81	B1-UG-G1		
12L	2	7320	74	B2-UG-G2	132	12
	3	7749	76	B1-UG-G2		
	SW	7045	69	B3-UG-G2		
	FT	7420	73	B4-UG-G2		
	FA	7328	75	B2-UG-G2		
	AM	7328	75	B1-UG-G1		
18L	2	9911	69	B3-UG-G2	135	15
	3	9992	71	B3-UG-G2		
	SW	8712	65	B3-UG-G2		
	FT	9237	68	B3-UG-G2		
	FA	9433	70	B2-UG-G2		
	AM	9545	71	B2-UG-G1		
24L	2	13955	63	B2-UG-G2	175	15
	3	14279	64	B2-UG-G2		
	SW	12446	59	B3-UG-G2		
	FT	13887	62	B2-UG-G2		
	FA	14087	63	B2-UG-G2		
	AM	14200	64	B2-UG-G1		

*LEDs are frequently updated therefore values are nominal.

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PRODUCT DIMENSIONS

ISO FOOTCANDLE

POLAR CURVE

25' Mounting Height/25' Grid Spacing

AMRM-LED-30L-SIL-SW-40-70CRI

LUMINAIRE DATA

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Uplight (120-180°)	0	0%
Total Flux	31367	100%

25' Mounting Height/25' Grid Spacing

AMRM-LED-30L-SIL-FTA-