

DATE	PROJECT	FIRM	FIXTURE TYPE
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STADIA 60 - LIT

Stadia 60 is a linear acoustic luminaire - a softer approach to our Standard 60.

- Comprehensive solution to acoustical and lighting needs
- Designed to work in arrays alongside the Sabin Linear family
- Rounded ends
- 200LM/FT-1500LM/FT output
- Diffuse and batwing optical distribution options
- Runs and standard patterns: L, X, Y, and rectangular
- 14 standard junctions for custom patterns
- 16 standard PET felt colors

SPECIFICATIONS

SERIES	STYLE	LENGTH ^{1,2,3}		HEIGHT ¹	CCT/CRI	CIRCUIT	DIRECT OUTPUT	
L-60-L	SCL CLASSIC SFL FLUTED	26" (653MM) 38" (953MM) 49" (1253MM) 61" (1553MM) 74" (1878MM) 86" (2178MM) 92" (2328MM)	98" (2491MM) ⁴ CL ⁵ CR ⁶ PR ⁷ PL ⁷ PX ⁷ PY ⁷	8" (200MM) 11" (285MM) 16" (400MM) 20" (500MM) 23" (585MM) 47" (1200MM) CH ⁸	927 930 935 940	SC SINGLE CIRCUIT DC DUAL CIRCUIT (SHARED DIMMING)	DNA NO OUTPUT D200 200LM/FT D500 500LM/FT D750 750 LM/FT D1000 1000 LM/FT ⁹ D1250 1250 LM/FT ^{9,10} CDO CUSTOM OUTPUT	
INDIRECT OUTPUT		DIRECT OPTIC		INDIRECT OPTIC	CONTROL	VOLTAGE	FELT COLOR	
INA NO OUTPUT I200 200LM/FT I500 500LM/FT I750 750 LM/FT I1000 1000 LM/FT ⁹ I1250 1250 LM/FT ⁹ I1500 1500 LM/FT ^{9,11} CIO CUSTOM OUTPUT	DNO NO OUTPUT (FELT INSERT) DDL DIFFUSE LENS DBL BATWING	INO NO OUTPUT IBB BARE BOARD IDC DUST COVER IBW BATWING	10 0-10V	UNV 120V/277V 347 347V	9BS BISQUE 9BR BIRCH 9CN CANARY 9FL FLINT 9GF GULF 9HZ HAZEL 9JD JADE 9MS MOSS	9OB OBSIDIAN 9PN PINE 9PM PUMICE 9QY QUARRY 9SD SAND 9SP SAPPHIRE 9SA SIENNA 9WS WISTERIA		
CORD COLOR ¹²		MOUNTING			CANOPY ¹⁴	FACTORY OPTIONS ¹⁵		
PCBK BLACK PCBL BLUE PCBR BRONZE PCGR GREEN	PCRD RED PCGY GRAY PCWH WHITE	AC 60" AIRCRAFT CABLE + (COLOR CODE) ¹³ WEB 60" WEBBING + (COLOR CODE) ¹³ TRD 3/8" THREADED ROD DTS DIRECT TO STRUT DTG DIRECT TO GRID	RWH ROUND WHITE RBK ROUND BLACK SWH SQUARE WHITE SBK SQUARE BLACK	CSL CUSTOM SUSPENSION LENGTH 24"-120" ¹⁶ EM EMERGENCY BATTERY ^{17,18} CT CUSTOM THREAD ¹⁹ 2CP INCLUDE 2" CANOPIES				

1 IMPERIAL DIMENSIONS ARE NOMINAL. ACTUAL DIMENSIONS ARE METRIC.
2 ILLUMINATED SECTION OF FIXTURE IS 2" (53MM) SHORTER THAN TOTAL FIXTURE LENGTH.
3 MINIMUM LENGTH FOR A BI-DIRECTIONAL UNIT IN A DUAL CIRCUIT CONFIGURATION IS 38" (953MM).
4 TRUE 8" CONTINUOUS LENS.
5 CUSTOM LENGTHS AVAILABLE BETWEEN 26" - 98" (653-2491MM).
6 CUSTOM RUN TO BE WRITTEN OUT IN SAME FORMAT AS STANDARD OFFERING.
7 PATTERN SELECTION TO BE APPENDED TO END OF CUT STRING. SEE PAGE 4 FOR MORE DETAILS.
8 CUSTOM HEIGHTS AVAILABLE BETWEEN 8" - 47" (200-1200MM).
9 NOT AVAILABLE IN BIDIRECTIONAL CONFIGURATION.

10 NOT AVAILABLE WITH DIRECT DIFFUSE LENS (DDL).
11 NOT AVAILABLE WITH INDIRECT BATWING LENS (IBW).
12 POWER CABLE IS 18" LONGER THAN SUSPENSION LENGTH. CONSULT FACTORY FOR LONGER LENGTHS.
13 REPLACE "___" WITH DESIRED COLOR CODE. SEE PAGE 2 FOR COLOR OPTIONS AND CODES.
14 5" (127MM) CANOPY PROVIDED FOR FEED. 2" (50.8MM) CANOPY FOR NON-FEED PROVIDED UPON REQUEST.
15 LEAVE BLANK IF NOT APPLICABLE. STRING TOGETHER MULTIPLE SELECTIONS.
16 REPLACE "___" WITH LENGTH OF DESIRED SUSPENSION.
17 MINIMUM LENGTH FOR EM IS 49" (1253MM).
18 REPLACE "___" WITH QUANTITY OF EM SECTIONS.
19 CONSULT FACTORY FOR CUSTOM THREAD COLOR OPTIONS.

SEE ADDITIONAL OPTIONS FOR SIZE AND CUSTOMIZATION AT [SABIN.BUILD](#)



EXAMPLE PART NUMBER: L-60-L-SCL-49(1253)-11(285)-927-DC-D750-I750-DBL-IDC-10-UNV-9JD-PCWH-ACBLK-RWH

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SWATCHES

Stadia utilizes 9mm felt and has the option to customize color for cable and thread — and cord (for lit fixtures.)

Contact the factory for additional color options.

9MM FELT



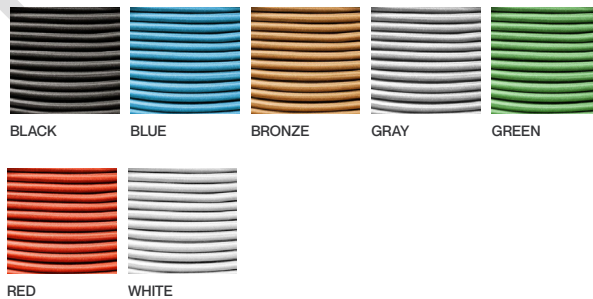
WEBBING



CABLE



CORD



Colors are subject to slight variation from your screen or paper to the finished product.

Declare.

PET Acoustic Felt
Sabin LLC

Final Assembly: Chicago, Illinois, USA
Life Expectancy: 30 Year(s)
End of Life Options: Salvageable/Reusable in its Entirety, Recyclable (100%)

Ingredients:
Polyethylene Terephthalate; Benzenamine, 4-(1-methyl-1-phenylethyl)-N-[(4-(1-methyl-1-phenylethyl)phenyl)-1,3-benzenedicarboxylic acid, 3,3'-bis(1-dimethylsilyl)-4-hydroxy-, octadecyl ester, Octadecanamide, N,N'-1,2-ethanediylbis-; Stearic Acid, Titanium dioxide

Living Building Challenge Criteria:

I-3 Red List:
 LBC Red List Free % Disclosed: 100% at 100ppm
 LBC Red List Approved VOC Content: Not Applicable
 Declared

I-10 Interior Performance: Not Compliant
I-14 Responsible Sourcing: Not Applicable

SAB-0001
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INTERNATIONAL LIVING FUTURE INSTITUTE™ living-future.org/declare

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ACOUSTIC PERFORMANCE DATA

ALL SABIN PRODUCTS ARE SUBJECT TO ACOUSTIC TESTING. PERFORMANCE VALUES¹ WILL VARY BASED ON INSTALLATION FACTORS SUCH AS DENSITY AND MOUNTING HEIGHT.

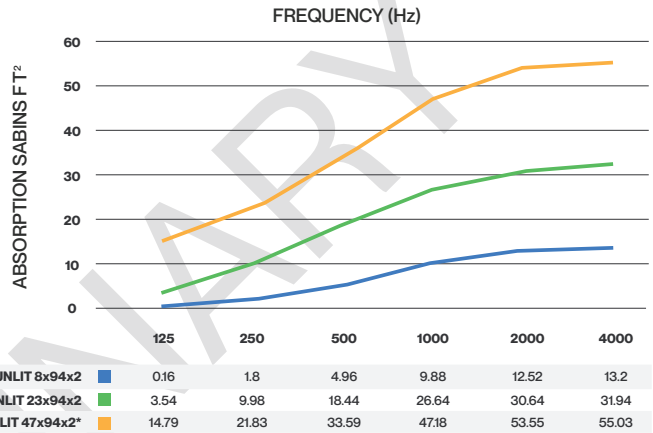
SABINS A SABIN IS A UNIT OF SOUND ABSORPTION DEFINED AS THE AMOUNT OF SOUND ABSORBED BY ONE SQUARE FOOT OF A PERFECT ABSORBER. IT WAS INITIALLY CONCEIVED AS THE EQUIVALENT OF 1 SQUARE FOOT OF OPEN WINDOW, REFLECTING NO SOUND BACK INTO THE INTERIOR. SABINS ARE USED TO EXPRESS THE TOTAL EFFECTIVE ABSORPTION FOR THE INTERIOR OF A ROOM. THIS CHART INDICATES AVERAGE SABINS PER UNIT AT THE NOTED FREQUENCIES WHICH REPRESENT THE TYPICAL RANGE OF HUMAN SPEECH OF 200-2500 HZ.

NRC NOISE REDUCTION COEFFICIENT (NRC) IS A SINGLE NUMBER VALUE RANGING FROM 0.0 TO 1.0 THAT DESCRIBES THE AVERAGE SOUND ABSORPTION PERFORMANCE OF A MATERIAL. AN NRC OF 0.0 INDICATES THE OBJECT DOES NOT ABSORB MID-FREQUENCY SOUND ENERGY, BUT REFLECTS IT. AN NRC OF 1.0 INDICATES THAT THE SOUND ABSORPTION PERFORMANCE OF THE MATERIAL IS EQUAL TO ITS SURFACE AREA (MEASURED IN UNITS SABIN), OR CONCEPTUALLY 100% SOUND ABSORPTION.

CALCULATED NRC = .95

¹ TOTAL SOUND ABSORPTION WILL VARY BASED ON DESIGNED PRODUCT CONFIGURATION. SABIN TESTS ALL PRODUCTS IN MULTIPLE CONFIGURATIONS. PLEASE CONTACT SABIN OR YOUR LOCAL AGENT FOR MORE INFORMATION. * TESTED DATA USED FOR EXTRAPOLATION

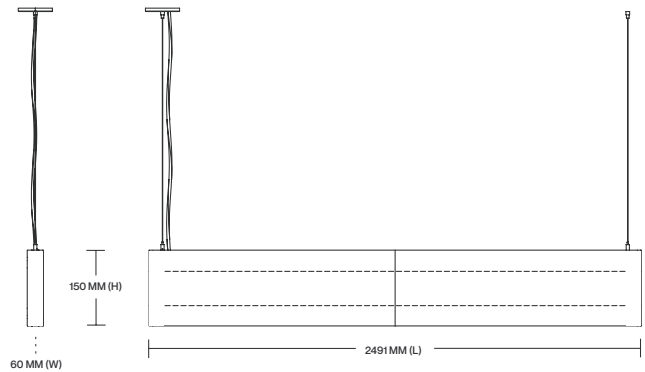
SABIN LINEAR FAMILY



DIMENSIONS + WEIGHT

SERIES	LENGTH ¹⁻⁴	HEIGHT ¹	WIDTH ¹
L-60-L	26" (653MM)	8" (200MM)	2" (60MM)
	38" (953MM)	11" (285MM)	
	49" (1253MM)	16" (400MM)	
	61" (1553MM)	20" (500MM)	
	74" (1878MM)	23" (585MM)	
	86" (2178MM) ⁵	47" (1200MM)	
	92" (2328MM) ⁵		
	98" (2491MM) ^{5,6}		

¹ IMPERIAL DIMENSIONS ARE NOMINAL. ACTUAL DIMENSIONS ARE METRIC.
² ILLUMINATED SECTION OF FIXTURE IS 2" (53MM) SHORTER THAN TOTAL FIXTURE LENGTH.
³ MINIMUM LENGTH FOR A BI-DIRECTIONAL UNIT IN A DUAL CIRCUIT CONFIGURATION IS 38" (953MM).
⁴ MINIMUM LENGTH FOR EM IS 49" (1253MM).
⁵ PET FELT REQUIRES A VERTICAL PART LINE DOWN CENTER OF BAFFLE.
⁶ TRUE 8" CONTINUOUS LENS.
 * ALL STANDARD DIMENSIONS ARE ECO-CONSCIOUS, MAXIMIZING MATERIAL USE AND MINIMIZING WASTE. CUSTOM DIMENSIONS RESULT IN EXCESS MATERIAL WASTE.



See Dimensions and Weight Table for Limitations

WEIGHT

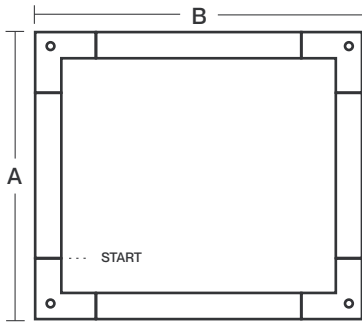
PLEASE CONSULT THE FACTORY FOR PRODUCT WEIGHTS BASED ON CONFIGURATION AND PART NUMBERS.

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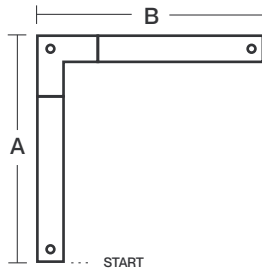
STANDARD PATTERNS + JUNCTIONS

SABIN OFFERS FOUR STANDARD PATTERNS OF OUR L-60 PRODUCT. PATTERNS SHIP AS INDIVIDUAL COMPONENTS AND MUST BE ASSEMBLED IN THE FIELD.

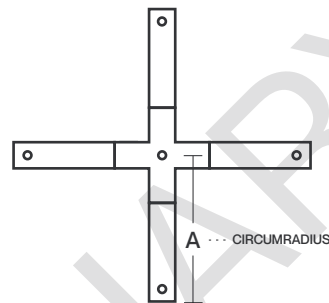
RECTANGULAR PATTERN



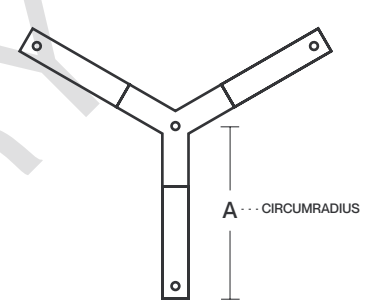
"L" PATTERN



"X" PATTERN



"Y" PATTERN



- 1 PATTERNS ARE SPECIFIED CLOCKWISE FROM STARTING POINT.
- 2 "A" AND "B" DIMENSIONS REFER TO OVERALL LENGTH.
- 3 35" (900MM) MINIMUM LENGTH FOR ANY DIMENSION.
- 4 59" (1500MM) MINIMUM LENGTH FOR ANY DIMENSION WITH EM DRIVER/BATTERY.

- 5 SUSPENSION POINTS FOR LEGS ARE INSET 1" (30MM) FROM SIDE AND 2" (62MM) FROM END.
- 6 SUSPENSION POINTS FOR JUNCTIONS ARE INSET 1" (30MM) OR CENTERED.
- 7 INTERSECTIONS CAN BE SPECIFIED AS LIT OR UNLIT.
- 8 LENSES ARE MITERED ON ALL LIT INTERSECTIONS.

RECTANGLE EXAMPLE PART NUMBER: L-60-L-SCL-PR-11(285)-927-DC-D750-I750-DBL-IDC-10-UNV-9JD-PCWH-ACBLK-RWH-A-B

"L" EXAMPLE PART NUMBER: L-60-L-SCL-PL-11(285)-927-DC-D750-I750-DBL-IDC-10-UNV-9JD-PCWH-ACBLK-RWH-A-B

"X" EXAMPLE PART NUMBER: L-60-L-SCL-PX-11(285)-927-DC-D750-I750-DBL-IDC-10-UNV-9JD-PCWH-ACBLK-RWH-A

"Y" EXAMPLE PART NUMBER: L-60-L-SCL-PY-11(285)-927-DC-D750-I750-DBL-IDC-10-UNV-9JD-PCWH-ACBLK-RWH-A

IN ADDITION TO STANDARD PATTERNS, WE OFFER 14 STANDARD JUNCTIONS THAT CAN BE USED IN CUSTOM DESIGNS. CONTACT FACTORY TO SPECIFY.

2-WAY		3-WAY		4-WAY	
JL45U		JL45L		JE60	
JL60U		JL60L		JE60	
JL90U		JL90L		JXU	
JL120U		JL120L		JX120U	
JL135U		JL135L		JX120L	
		JTU		JYU	
		JTL		JYL	
		JT120U		JY135U	
		JT120L		JY135L	
		JT60U		JX60U	
		JT60L		JX60L	

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PHOTOMETRICS

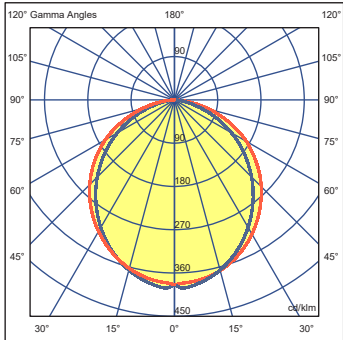
DIFFUSE LENS (DIRECT)				
POWER LEVEL	OUTPUT (LUMENS/FT)	ENERGY (WATTS/FT)	EFFICACY (LPW)	CCT/CRI
D200	213*	2.665832	79.9	3500/90
D500	500	6.535948	76.5	3500/90
D750	750	10.5042	71.4	3500/90
D1000	1000	15.5521	64.3	3500/90
BATWING (DIRECT)				
POWER LEVEL	OUTPUT (LUMENS/FT)	ENERGY (WATTS/FT)	EFFICACY (LPW)	CCT/CRI
D200	200	2.18	91.6	3500/90
D500	500	5.71	87.5	3500/90
D750	750	9.06	82.8	3500/90
D1000	1000	13	76.9	3500/90
D1250	1248.05*	17.96	69.5	3500/90
NO OPTIC (INDIRECT)				
POWER LEVEL	OUTPUT (LUMENS/FT)	ENERGY (WATTS/FT)	EFFICACY (LPW)	CCT/CRI
I200	200	1.64	121.9	3500/90
I500	500	4.23	118.2	3500/90
I750	750	6.57	114.2	3500/90
I1000	1000	9.15	109.3	3500/90
I1250	1250	12.07	103.6	3500/90
I1500	1491.26*	15.60	95.6	3500/90
DUST COVER (INDIRECT)				
POWER LEVEL	OUTPUT (LUMENS/FT)	ENERGY (WATTS/FT)	EFFICACY (LPW)	CCT/CRI
I200	200	1.73	115.5	3500/90
I500	500	4.50	111	3500/90
I750	750	7.04	106.5	3500/90
I1000	1000	9.88	101.2	3500/90
I1250	1250	13.14	95.1	3500/90
I1500	1500	16.99	88.3	3500/90
BATWING (INDIRECT)				
POWER LEVEL	OUTPUT (LUMENS/FT)	ENERGY (WATTS/FT)	EFFICACY (LPW)	CCT/CRI
I200	200	1.95	102.5	3500/90
I500	500	5.10	98	3500/90
I750	750	8.04	93.3	3500/90
I1000	1000	11.40	87.7	3500/90
I1250	1237.53*	15.45	80.1	3500/90
I1500	1500	20.33	73.8	3500/90
CCT MULTIPLIER				
CCT MULTIPLIER	2700K	3000K	3500K	4000K
	0.93	0.98	1	1.03

* TESTED DATA USED FOR EXTRAPOLATION

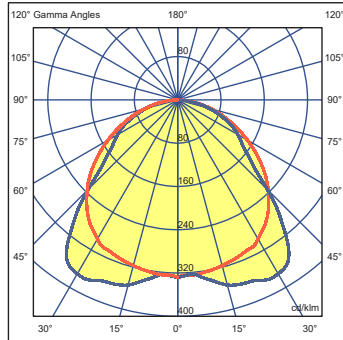
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PHOTOMETRICS

DIRECT LENS DISTRIBUTIONS

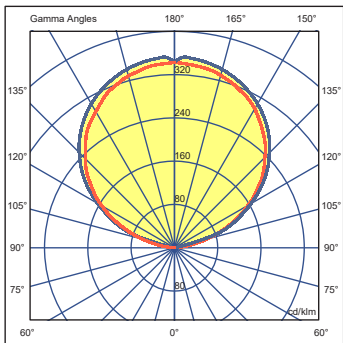


SIZE 49" (1253MM)
TYPE DIFFUSE LENS (DDL)
CCT 3500K
WATTAGE 72.9 W
LUMENS 4427.4 LM
EFFICACY 60.7 LM/W

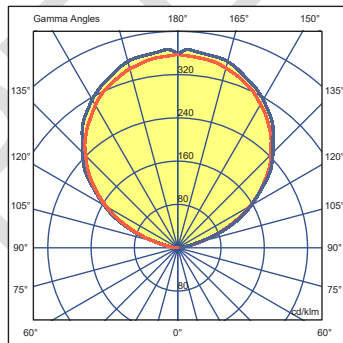


SIZE 49" (1253MM)
TYPE BATWING (DBL)
CCT 3500K
WATTAGE 71.84 W
LUMENS 4992.2 LM
EFFICACY 69.5 LM/W

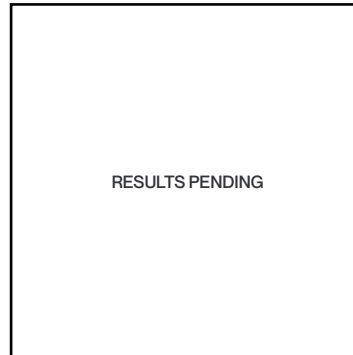
INDIRECT LENS DISTRIBUTIONS



SIZE 49" (1253MM)
TYPE NO OPTIC
CCT 3500K
WATTAGE 62.39 W
LUMENS 5965 LM
EFFICACY 95.6 LM/W



SIZE 49" (1253MM)
TYPE DUST COVER (IDC)
CCT 3500K
WATTAGE 61.16 W
LUMENS 5500.4 LM
EFFICACY 89.95 LM/W



SIZE 49" (1253MM)
TYPE BATWING (IBW)
CCT 3500K
WATTAGE 61.77 W
LUMENS 4950.1 LM
EFFICACY 80.1 LM/W

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ACOUSTIC MATERIAL

OUR 9MM PET (POLYESTER) FELT PANELS CONTAIN MINIMUM 60% POST-CONSUMER RECYCLED POLYESTER STAPLE FIBER. THE MATERIAL IS MOISTURE RESISTANT, FIRE RATED AND RECYCLABLE. THE POROUS MATERIAL IS AN OUTSTANDING ABSORBER OF ACOUSTIC ENERGY.

- FIRE RETARDANT: ASTEM E84 CLASS A , EN13501 CLASS B
- DECORATIVE: 11 STANDARD COLORS
- CONSTRUCTION: 100% POLYESTER FIBER (PET)

CONSTRUCTION

ACOUSTIC LUMINAIRE COMPRISED OF ≥ 60% RECYCLED PET MATERIAL UTILIZING SEWN CONSTRUCTION TO MAXIMIZE STRENGTH, DURABILITY AND SOUND ABSORBENCY.

LED LIGHT ENGINE

HIGH EFFICIENCY LIGHT MODULE INCORPORATES PREMIUM LEDS WITH HEAT SINK TO MAXIMUM LIFETIME. AVAILABLE IN 2700K, 3000K, 3500K OR 4000K CCT WITH >90 CRI. COLOR ACCURACY = 2.2X SDCM @ 3500K ±65K ΔUV +0.0032

STANDARD DEVIATION COLOR MATCHING (SDCM) BASED ON ANSI STANDARD C78.377A INDICATES THE VISIBLE VARIANCE IN CORRELATED COLOR TEMPERATURE, ALSO REFERRED TO AS "MACADAM ELLIPSE".

ESTIMATED USEFUL LIFETIME

ESTIMATED USEFUL LIFETIME BASED ON 10,000 HOUR TEST DURATOIN @ 131°F (55°C)

- L90 = 53,000 HRS
- L80 = 60,000 HRS
- L70 = 60,000 HRS

ANSI/IES TM-21 METHOD FOR EVALUATING USEFUL LIFETIME IS LIMITED TO 6X TEST DURATION (10,000 HOURS X 6 = 60,000 HOUR MAX).

OPTICS

EXTRUDED .06" (1.52MM) ACRYLIC LENS DESIGNED FOR EFFICIENT AND HOMOGENEOUS LIGHT DISTRIBUTION WITH SUPERIOR COLOR OVER ANGLE PERFORMANCE.

ELECTRICAL

HIGH QUALITY CLASS P ISOLATED POWER SUPPLY WITH UNIVERSAL (120-277VAC) AND 347V INPUT VOLTAGE. MEETS UL OPERATION RATING DRY & DAMP (IP40) MAX 185°F (85°C) FOR 50,000 HOUR LIFE. LUMINARIES ARE PRE-WIRED WITH FACTORY INSTALLED BRANCH CIRCUIT WIRING.

POWER FACTOR:
 - 0.95 @ 120VAC
 - 0.90 @ 277VAC
 - 0.90 @ 347VAC

DIMMING

STANDARD 120-277V OR 347V CONSTANT CURRENT DRIVER INCLUDES 0-10V ANALOG DIMMING TO 10%

MOUNTING

SUSPENDED BY VARIOUS METHODS INCLUDING 1/16TH AIRCRAFT CABLE, WEBBING, OR THREADED ROD (ADAPTERS PROVIDED, THREADED ROD BY OTHERS). AVAILABLE IN PRECUT LENGTHS OF 36" (915MM), 60" (1524MM), OR 120" (3048MM) WITH FABRIC-COVERED POWER CORD AND 5" (125MM) CANOPY.

CERTIFICATES/LISTING

TESTED IN ACCORDANCE WITH NEC, ANSI/NFPA 70 STANDARDS. ETL LISTED IN ACCORDANCE WITH UL STANDARDS. INDOOR USE ONLY. SUITABLE FOR DRY LOCATIONS, IP20, ROHS COMPLIANT. TITLE 24 JA8-2016 FOR 90 CRI CONFIGURATIONS ONLY.

WARRANTY

FIXTURE RATED FOR OPERATION IN CONDITIONED ENVIRONMENTS UP TO 77°F (25°C). FIXTURE IS WARRANTIED TO BE FREE FROM DEFECTS AND/OR FAILURE UNDER NORMAL USE AND PROPER STORAGE FOR FIVE (5) YEARS FROM DATE OF SHIPMENT.

CARE

PET ACOUSTICS AND LENSING: REMOVE DUST WITH COMPRESSED AIR, A VACUUM OR LINT ROLLER. ALUMINUM & POLYMER COMPONENTS: REMOVE DUST AND DEBRIS WITH A CLEAN, DRY, OR DAMP LINT-FREE CLOTH.