

LUNA ACOUSTIC™ PENDANT

PROJECT: _____
 TYPE: _____
 QUANTITY: _____



PN: 971LU

ILLUMINATION

- 3101 - 12,185 LUMENS
- DIRECT OR INDIRECT/DIRECT
- LED 90CRI

APPLICATION

- DIRECT OR DIRECT/INDIRECT PENDANT MOUNT
- INDOOR RATED

DIMENSION

- 24", 36", 48" DIA.
(61cm, 91cm, and 122cm)
- PROFILE: 1"W X 2.625"H (2.5cm X 6.6cm)

ELECTRICAL

- 120 - 277V
- 10KV SURGE SUPPRESSION

DIFFUSERS

- HIGH EFFICIENCY ACRYLIC

MOUNTING

- 120" (305cm) BLACK OR WHITE DROP CORD WITH AC CABLES
- 120" POWER OVER SUSPENSION

LED DRIVER

- CANOPY OR REMOTE MOUNT

CONSTRUCTION

- ALUMINUM

FINISHES

- AVAILABLE IN SEVERAL TMS POWDER COATED FINISHES
- CUSTOM RAL FINISHES AVAILABLE

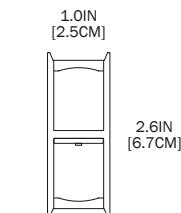
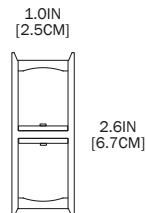
DIMMING

- 0 - 10V (1%) DIMMING (120-277V)
- LINE VOLTAGE/TRIAC/ELV (120V ONLY)
- LUTRON HI-LUME (1%) DIMMING (120-277V)

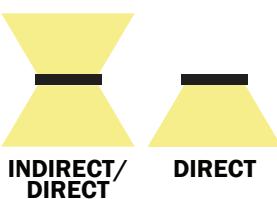
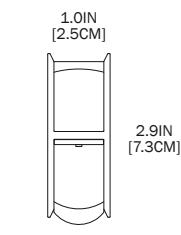
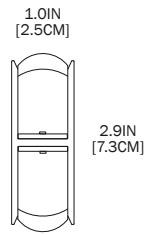
WEIGHT

- 16 LBS MINIMUM, 34 LBS MAXIMUM

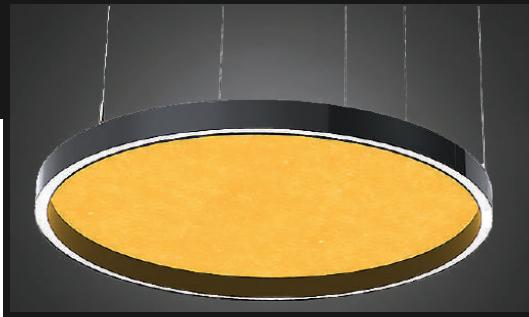
FLAT DIFFUSER



DOM DIFFUSER



LUNA ACOUSTIC™ PENDANT



971LU

1 2 3 4 5 6 7 8 9 10

1.		DIRECT												
DIAMETER (INCH)	24D			36D			48D							
	24" (61CM)			36" (91CM)			48" (122CM)							
LED (W)	34W			51W			68W							
LUMENS	3101			4608			4499							
INDIRECT/DIRECT														
DIAMETER (INCH)	24ID			36ID			48ID							
	24" (61CM)			36" (91CM)			48" (122CM)							
LED (W)	68W			102W			136W							
LUMENS	6104			9091			12185							
2.	H	M	L	C: ¹										
OUTPUT	100% LUMENS	75% LUMENS	50% LUMENS	[CUSTOM] % LUMENS										
3.	30K	35K	40K											
CCT	3000K	3500K	4000K											
4.	S	D												
CIRCUIT	SINGLE	DUAL												
5.	MMCD	MMRM	PSCD	PSRM										
MOUNTING	MULTIPLE CABLES WITH CANOPY DRIVER	MULTIPLE CABLES WITH REMOTE DRIVER	SINGLE POINT WITH CANOPY DRIVER	SINGLE POINT WITH REMOTE DRIVER										
6.	BC	WC	POS											
CORD	BLACK DROP CORD WITH AIRCRAFT CABLES	WHITE DROP CORD WITH AIRCRAFT CABLES	POWER OVER SUSPENSION (SILVER ONLY) (NOT APPLICABLE FOR MMCD COMBINATION)											
7.	FLAT			DOM										
DIFFUSER	FLAT DIFFUSER			DOME DIFFUSER										
8.	CW	MA	CA	RH	SG	HG	CH							
ACOUSTIC COLOR	COCONUT WHITE	MARBLE	CAPPUCCINO	RHINO GREY	STEEL GREY	HEATHER GREY	CHARCOAL							
	TA	RR	MT	GG	GA	LB	DO							
	TANGERINE	RUBY RED	MANGO TWIST	GOLF GREEN	GREEN APPLE	LINEN BLUE	DEEP OCEAN							
9.	ADDITIONAL AND PREMIUM FINISHES AVAILABLE. SEE FINISHES CHART		F04	F05	F15	F16	F09	F31	F18					
FINISH			MATTE WHITE	GLOSS WHITE	MATTE BLACK	GLOSS BLACK	PEWTER	SILVER METALLIC	SATIN ALUMINUM					
10.	DIML		DIME			DIMV								
DIMMING	0-10V (1%) (120-277V)		LUTRON HI-LUME (1%) (120-277V)			LINE VOLTAGE/TRIAC/ELV (120V ONLY)								

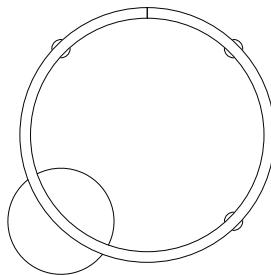
1. CUSTOM PERCENTAGE I.E. 60%. CONSULT FACTORY.

NOTE: SOME OPTIONS MAY NOT BE COMPATIBLE WITH OTHERS. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. CONTACT TMS LIGHTING FOR UPDATED SPECIFICATIONS.

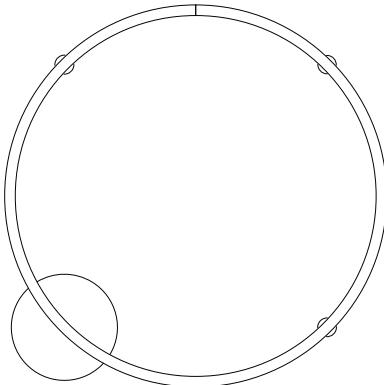
TMS LIGHTING



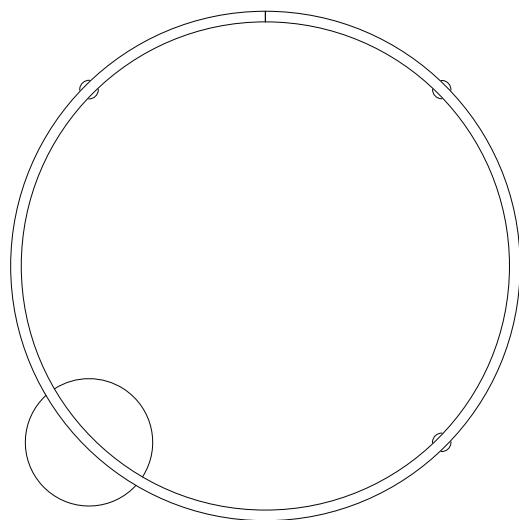
LUNA ACOUSTIC™ PENDANT



24D / 24ID



36D / 36ID

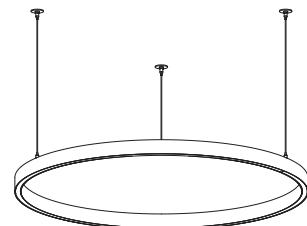
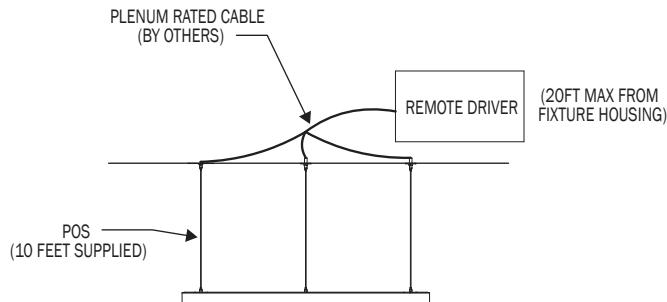


48D / 48ID

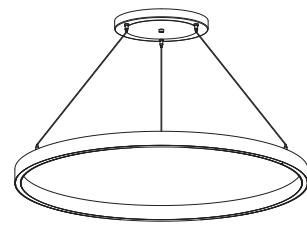
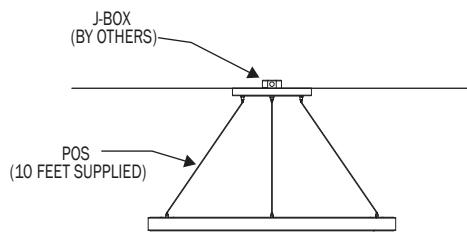
SIZES	DIAMETER	MOUNTING POINT	MINIMUM DISTANCE ^{1,2}	CANOPY SIZE		NUMBER OF CANOPY	WEIGHT (POUNDS - LBS)	SECTIONS
				MMCD	PSCD - PSRM			
24	24"	3	30"	10"	12"	1(D)/ 1(ID)	16(D)/ 18(ID)	1
36	36.5"	3	42"	10"	12"	1(D)/ 1(ID)	22(D)/ 24(ID)	1
48	47.5"	3	54"	12"	15"	1(D)/ 1(ID)	32(D)/ 34(ID)	1

POS (POWER OVER SUSPENSION)

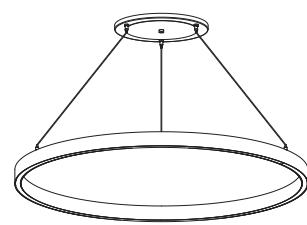
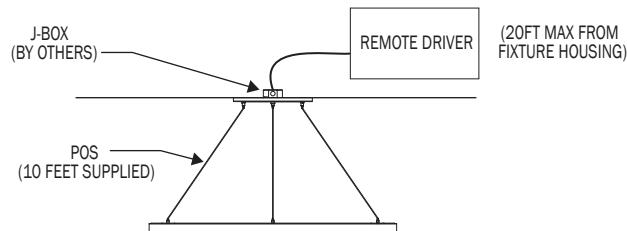
MMRM COMBINATION (MUTIPLE CABLES, REMOTE MOUNT DRIVER)



PSCD COMBINATION (SINGLE POINT, CANOPY MOUNT DRIVER)

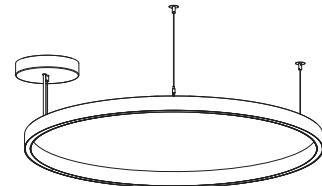
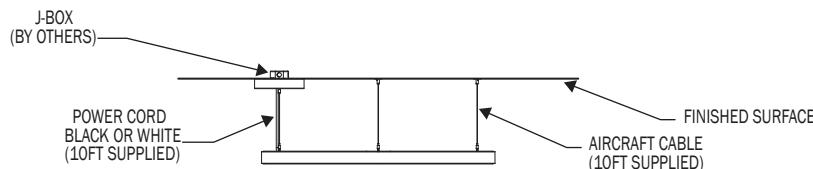


PSRM COMBINATION (SINGLE POINT, REMOTE MOUNT DRIVER)

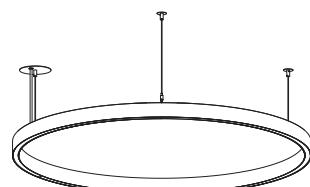
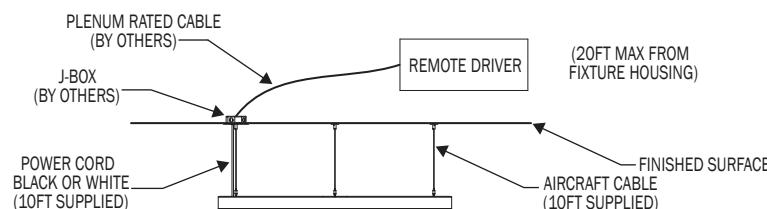


DROP CORD

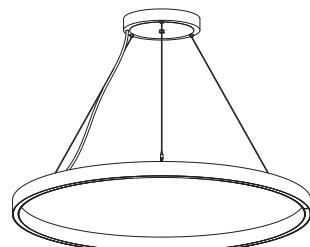
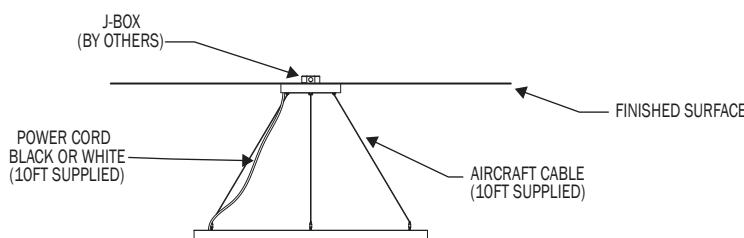
MMCD COMBINATION (MUTIPLE CABLES, CANOPY MOUNT DRIVER)



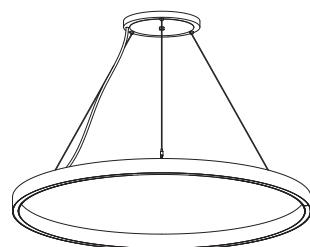
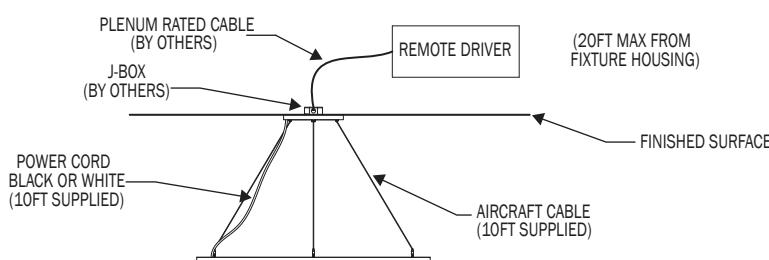
MMRM COMBINATION (MUTIPLE CABLES, REMOTE MOUNT DRIVER)



PSCD COMBINATION (SINGLE POINT, CANOPY MOUNT DRIVER)



PSRM COMBINATION (SINGLE POINT, REMOTE MOUNT DRIVER)



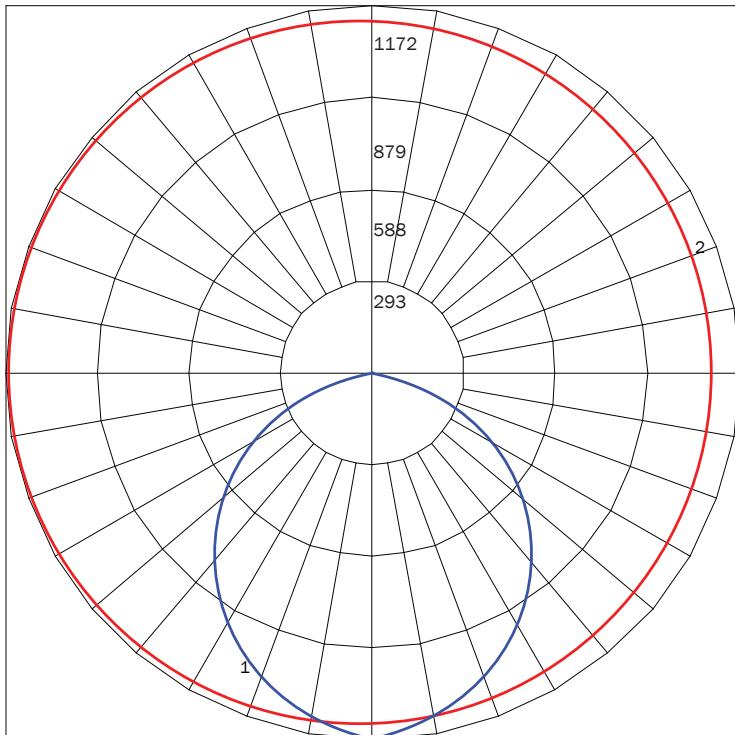
DIRECT

PN	SIZE (DIA)	LUMENS	WATTAGE	WEIGHT
971LU	24D	3101	34	16 LBS
	36D	4608	51	22 LBS
	48D	6158	68	32 LBS

IES INDOOR REPORT

PHOTOMETRIC FILENAME : 947LU 24D CH 35K F16.IES

POLAR GRAPH



MAXIMUM CANDELA = 1172.49 LOCATED AT HORIZONTAL ANGLE = 0, VERTICAL ANGLE = 0
 # 1 - VERTICAL PLANE THROUGH HORIZONTAL ANGLES (0 - 180) (THROUGH MAX. CD)
 # 2 - HORIZONTAL CONE THROUGH VERTICAL ANGLE (0) (THROUGH MAX. CD)

LUMINAIRE LUMENS

3101

12185

TOTAL LUMINAIRE EFFICIENCY

72%

71%

LUMINAIRE EFFICACY RATING

92

90

TOTAL LUMINAIRE WATTS

34

LUMINAIRE LUMENS

12185

TOTAL LUMINAIRE EFFICIENCY

71%

LUMINAIRE EFFICACY RATING

90

TOTAL LUMINAIRE WATTS

1839

1379

919

460

MAXIMUM CANDELA = 1838.81 LOCATED AT HORIZONTAL ANGLE = 180, VERTICAL ANGLE = 5

1 - VERTICAL PLANE THROUGH HORIZONTAL ANGLES (180 - 0) (THROUGH MAX. CD)

2 - HORIZONTAL CONE THROUGH VERTICAL ANGLE (5) (THROUGH MAX. CD)

LUNA ACOUSTIC™ PENDANT

FINISHES



PREMIUM FINISHES



ACOUSTIC COLORS



NOTE: DISPLAYED FINISHES DIFFER BETWEEN SCREENS AS WELL AS PRINTERS AND MAY NOT ACCURATELY DEPICT COLOR.

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FINISHES

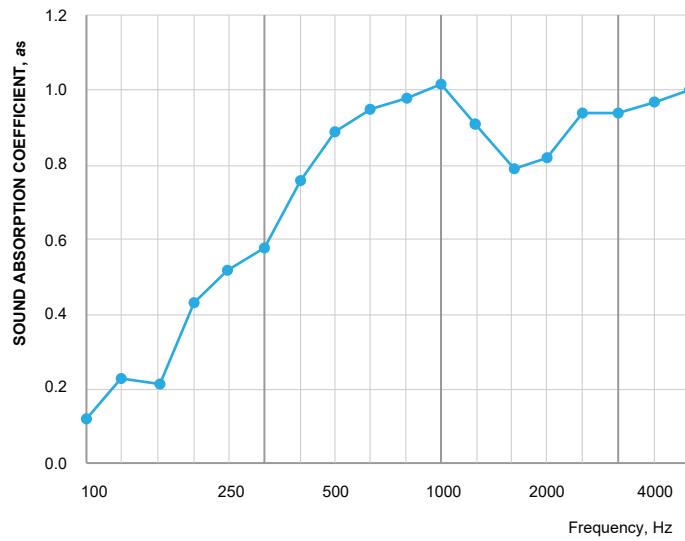


MATERIAL	100% POLYESTER FIBER (PET)		
SIZE ¹	48" X 96" (1220 mm x 2420 mm)		
THICKNESS	9 mm		
DENSITY	1200g - 3700g/m ²		
EDGE	SQUARE		
ECO-FRIENDLY	CLASS EO		
FLAME RATING	B-s1,d0 (EN 13501-1)*		

* • B: Limited contribution to fire * • s1: Little or no smoke production * • d0: No flaming droplets or particles

1. LARGER SIZES WILL HAVE VISIBLE SEAMS

SOUND ABSORPTION COEFFICIENT, a_s



Frequency, Hz	a_s
100	0.12
125	0.23
180	0.21
200	0.43
250	0.52
315	0.58
400	0.76
500	0.89
630	0.95
800	0.98
1000	1.08
1250	0.91
1600	0.79
2000	0.82
2500	0.94
3150	0.94
4000	0.97
5000	1.00