

# LUNA QUDO ACOUSTIC™ PENDANT

PROJECT: \_\_\_\_\_

TYPE: \_\_\_\_\_

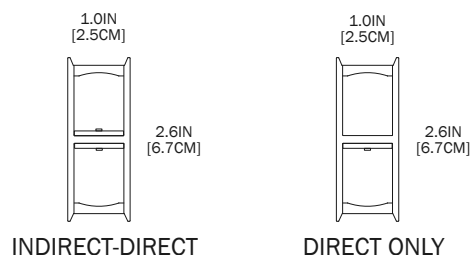
QUANTITY: \_\_\_\_\_



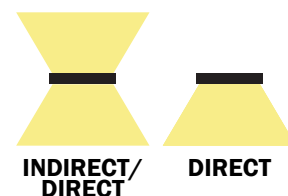
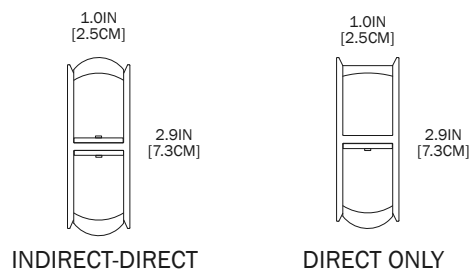
PN: 971LUQP

<b>ILLUMINATION</b>	<ul style="list-style-type: none"> <li>• 2,843 - 11,243 LUMENS</li> <li>• DIRECT OR INDIRECT/DIRECT</li> <li>• LED 90CRI</li> </ul>
<b>APPLICATION</b>	<ul style="list-style-type: none"> <li>• DIRECT OR DIRECT/INDIRECT PENDANT MOUNT</li> <li>• INDOOR RATED</li> </ul>
<b>DIMENSION</b>	<ul style="list-style-type: none"> <li>• 24", 36", 48" SIZES</li> <li>• (61cm, 92cm, and 122cm</li> <li>• PROFILE: 1"W X 2.625"H (2.54cm X 6.6675cm)</li> </ul>
<b>ELECTRICAL</b>	<ul style="list-style-type: none"> <li>• 120 - 277V</li> <li>• 10KV SURGE SUPPRESSION</li> </ul>
<b>DIFFUSERS</b>	<ul style="list-style-type: none"> <li>• HIGH EFFICIENCY ACRYLIC</li> </ul>
<b>MOUNTING</b>	<ul style="list-style-type: none"> <li>• 120" (304.8cm) BLACK OR WHITE DROP CORD WITH AIRCRAFT CABLES</li> <li>• 120" (304.8cm) POWER OVER SUSPENSION</li> </ul>
<b>LED DRIVER</b>	<ul style="list-style-type: none"> <li>• CANOPY OR REMOTE MOUNT</li> </ul>
<b>CONSTRUCTION</b>	<ul style="list-style-type: none"> <li>• ALUMINUM</li> </ul>
<b>FINISHES</b>	<ul style="list-style-type: none"> <li>• AVAILABLE IN SEVERAL TMS POWDER COATED FINISHES</li> <li>• CUSTOM RAL FINISHES AVAILABLE</li> </ul>
<b>DIMMING</b>	<ul style="list-style-type: none"> <li>• 0 - 10V (1%) DIMMING (120-277V)</li> <li>• LINE VOLTAGE/TRIAC/ELV (120V ONLY)</li> <li>• LUTRON HI-LUME (1%) DIMMING (120-277V)</li> </ul>
<b>WEIGHT</b>	<ul style="list-style-type: none"> <li>• 17 LBS MINIMUM, 28 LBS MAXIMUM</li> </ul>

## FLAT DIFFUSER



## DOM DIFFUSER

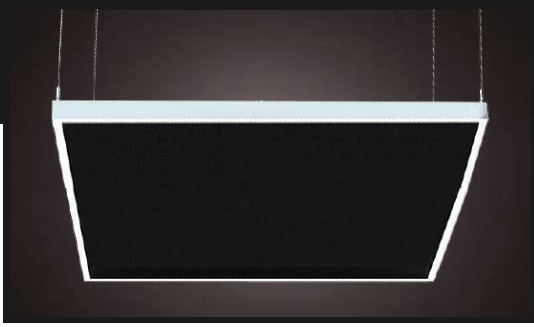


TMSLIGHTING

INDOOR



# LUNA QUDO ACOUSTIC™ PENDANT



PROJECT: \_\_\_\_\_

TYPE: \_\_\_\_\_

QUANTITY: \_\_\_\_\_

941LUQP

1 2 3 4 5 6 7 8 9 10

1.	DIRECT								
LENGTH	2D	3D	4D						
	25" (64CM)	37" (94CM)	48" (122CM)						
LED (W)	32W	48W	65W						
LUMENS	2843	4263	5683						
	INDIRECT/DIRECT								
LENGTH	2ID	3ID	4ID						
	25" (64CM)	37" (94CM)	48" (122CM)						
LED (W)	64W	96W	132W						
LUMENS	5478	8296	11243						
2.	H	M	L	C: ____ <sup>1</sup>					
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) <small>(NOT APPLICABLE FOR MMCD COMBINATION)</small>						
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	CG	
	TANGERINE	RUBY RED	MANGO TWIST	GOLF GREEN	GREEN APPLE	LINEN BLUE	DEEP OCEAN	CYBER GRAPE	
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)			

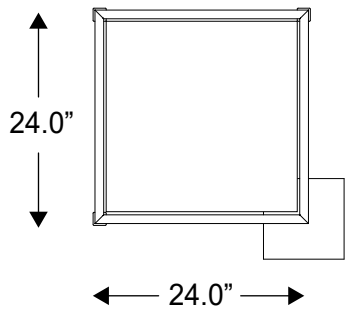
1. CUSTOM PERCENTAGE I.E. 60%. CONSULT FACTORY.

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

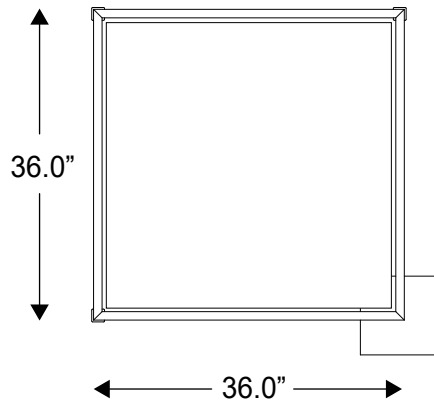
TMSLIGHTING



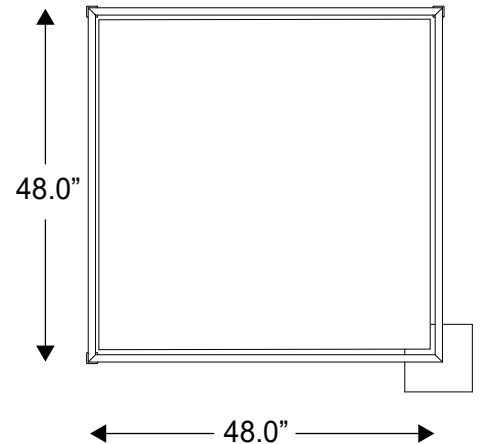
# LUNA QUDO ACOUSTIC™ PENDANT



**2D / 2ID**



**3D / 3ID**



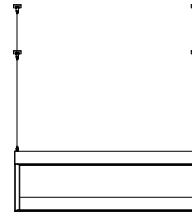
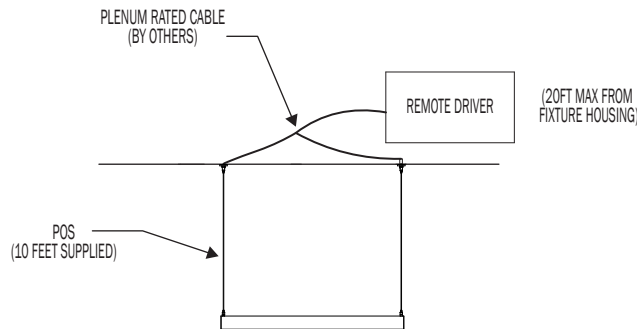
**4D / 4ID**

SIZE	ACTUAL SIZE	MOUNTING POINTS	MINIMUM DISTANCE	CANOPY SIZE		NUMBER OF CANOPY	WEIGHT (POUNDS - LBS)	SECTIONS
				MMCD	PSCD - PSRM			
24	24.5"	4	30"	10"	10"	1(D)/ 1(ID)	17	1
36	36.5"	4	50"	10"	10"	1(D)/ 1(ID)	21	1
48	48.5"	4	75"	10"	10"	1(D)/ 1(ID)	25	1

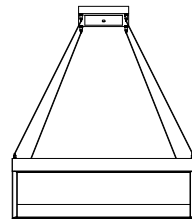
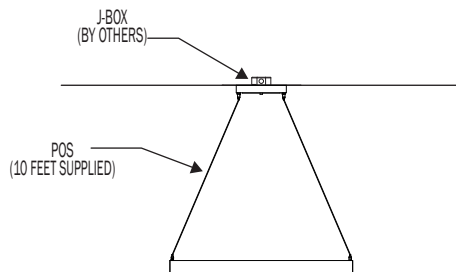
# LUNA QUDO ACOUSTIC™ PENDANT

## POS (POWER OVER SUSPENSION)

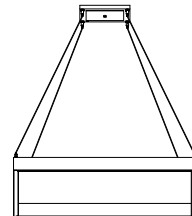
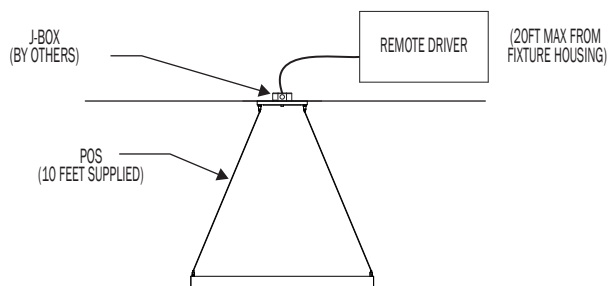
### MMRM COMBINATION (MULTIPLE CABLES, REMOTE MOUNT DRIVER)



### PSCD COMBINATION (SINGLE POINT, CANOPY MOUNT DRIVER)



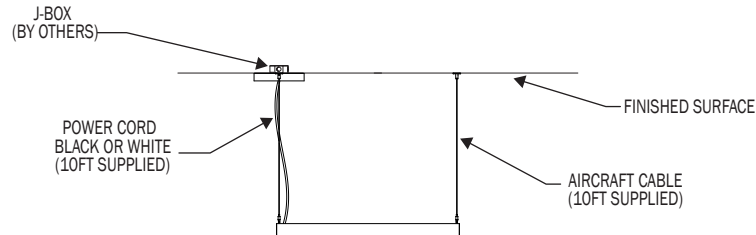
### PSRM COMBINATION (SINGLE POINT, REMOTE MOUNT DRIVER)



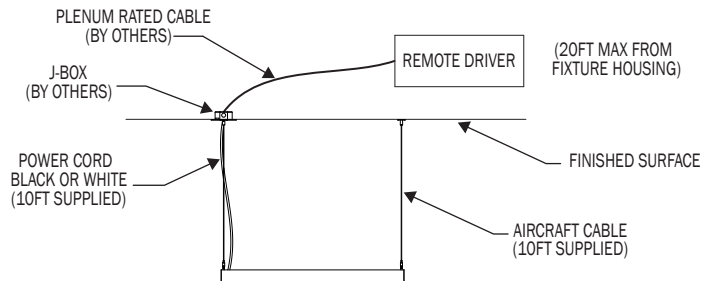
# LUNA QUDO ACOUSTIC™ PENDANT

## DROP CORD

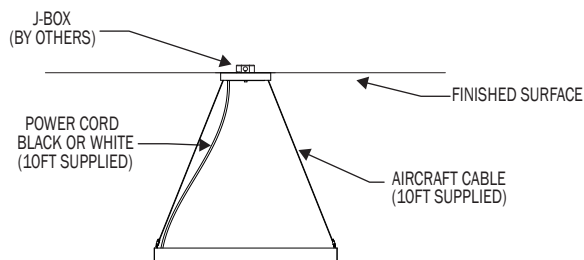
### MMCD COMBINATION (MUTIPLE CABLES, CANOPY MOUNT DRIVER)



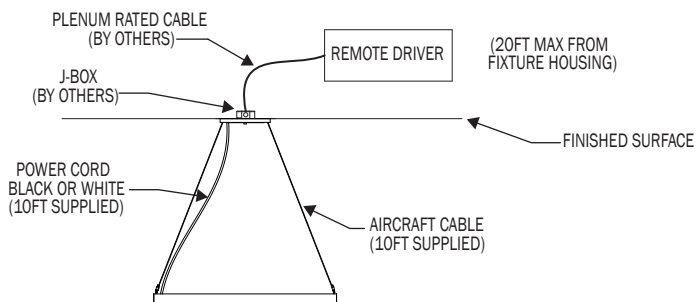
### MMRM COMBINATION (MUTIPLE CABLES, REMOTE MOUNT DRIVER)



### PSCD COMBINATION (SINGLE POINT, CANOPY MOUNT DRIVER)



### PSRM COMBINATION (SINGLE POINT, REMOTE MOUNT DRIVER)



# LUNA QUDO ACOUSTIC™ PENDANT

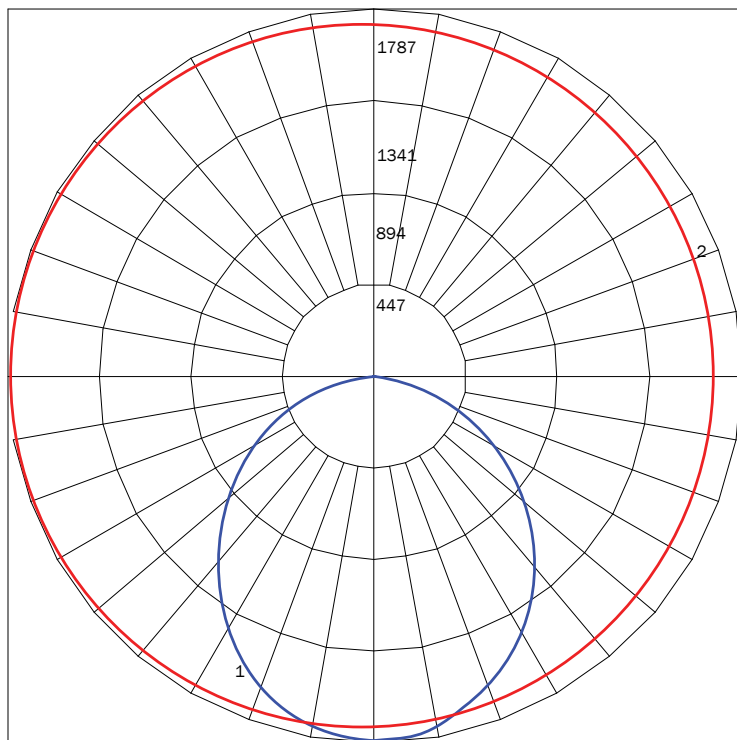
## DIRECT

PN	SIZE (DIA)	LUMENS	WATTAGE	WEIGHT
941LUQP	24D	2843	32	17 LBS
	36D	4263	48	21 LBS
	48D	5683	65	25 LBS

### IES INDOOR REPORT

PHOTOMETRIC FILENAME : 941LUQ 24 D MA 35K F16.IES

### POLAR GRAPH



MAXIMUM CANDELA = 1127.49 LOCATED AT HORIZONTAL ANGLE = 0, VERTICAL ANGLE = 5  
 # 1 - VERTICAL PLANE THROUGH HORIZONTAL ANGLES (0 - 180) (THROUGH MAX. CD.)  
 # 2 - HORIZONTAL CONE THROUGH VERTICAL ANGLE (0) (THROUGH MAX. CD.)

**LUMINAIRE LUMENS**

3101

**TOTAL LUMINAIRE EFFICIENCY**

72%

**LUMINAIRE EFFICACY RATING**

92

**TOTAL LUMINAIRE WATTS**

34

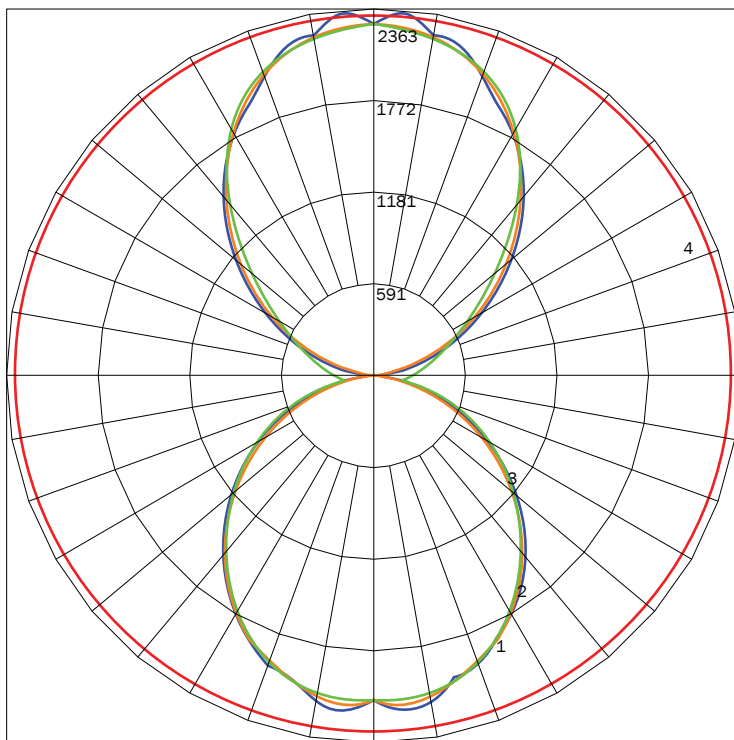
## INDIRECT / DIRECT

PN	SIZE (DIA)	LUMENS	WATTAGE	WEIGHT
941LUQP	24D	5478	64	20 LBS
	36D	8296	96	24 LBS
	48D	11243	132	28 LBS

### IES INDOOR REPORT

PHOTOMETRIC FILENAME : 941LUQ 24 ID MA 35K F16.IES

### POLAR GRAPH



MAXIMUM CANDELA = 2362.96 LOCATED AT HORIZONTAL ANGLE = 0, VERTICAL ANGLE = 175  
 # 1 - VERTICAL PLANE THROUGH HORIZONTAL ANGLES (0 - 180) (THROUGH MAX. CD.)  
 # 2 - VERTICAL PLANE THROUGH HORIZONTAL ANGLES (45 - 225)  
 # 3 - VERTICAL PLANE THROUGH HORIZONTAL ANGLES (90 - 270)  
 # 4 - HORIZONTAL CONE THROUGH VERTICAL ANGLE (5) (THROUGH MAX. CD.)

**LUMINAIRE LUMENS**

11243

**TOTAL LUMINAIRE EFFICIENCY**

54%

**LUMINAIRE EFFICACY RATING**

85

**TOTAL LUMINAIRE WATTS**

132

# LUNA QUDO ACOUSTIC™ PENDANT

## FINISHES



## PREMIUM FINISHES



## ACOUSTIC COLORS



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

**TMSLIGHTING**





# LUNA QUDO ACOUSTIC™ PENDANT

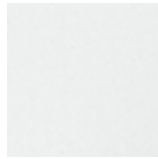
## FINISHES



**CA**  
CAPPUCCINO



**MA**  
MARBLE



**CW**  
COCONUT  
WHITE



**RG**  
RHINO  
GREY



**CG**  
CYBER  
GRAPE



**DO**  
DEEP  
OCEAN



**LB**  
LINEN  
BLUE



**GA**  
GREEN  
APPLE



**GG**  
GOLF  
GREEN



**MT**  
MANGO  
TWIST



**RR**  
RUBY  
RED



**TA**  
TANGERINE



**SG**  
STEEL  
GREY



**HG**  
HEATHER  
GREY

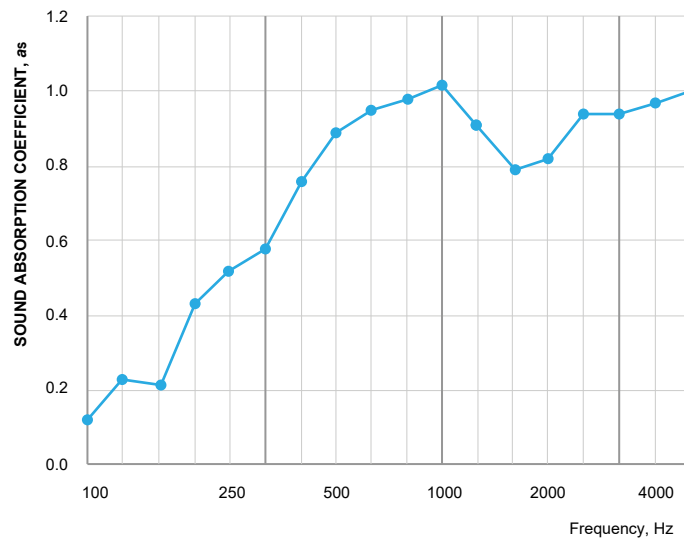


**CH**  
CHARCOAL

MATERIAL	100% POLYESTER FIBER (PET)		
SIZE <sup>1</sup>	48" X 96" (1220 mm x 2420 mm)		
THICKNESS	9 mm		
DENSITY	1200g - 3700g/m <sup>2</sup>		
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, $\alpha_s$



Frequency, Hz	$\alpha_s$
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