# FORUM

Drum Series
RGBW

The Drum series by Forum is a line of color-selectable LED fixtures ranging from 18" through 72" in diameter. Drum can be integrated into any space, vertical and horizontal surfaces, conical cable mounting, as well as single stem configurations. All DRUM fixtures provide even, uniform illumination, center to edge, without fade. Drum is available in Black, White, Silver, and custom colors and features a premium design, fit and finish.

Ordering

			DRM-UD-RGBW							
				DRM-D-RGBW		Indirect	Direct			
—	—	—	**LED**	/	**LED**	—	/	—	—	—
			lm/ft	CCT	lm/ft	CCT				

DISTRIBUTION	SIZE	MOUNTING	OUTPUT			SHIELDING	VOLTAGE	FINISH	OPTION 1	OPTION 2
DRM-D-RGBW Direct	**18** 18" OD	**S** Surface	**SO** Standard Output	**27** 2700k temp **93.5%** Special order option		**WOL** White Opal Lens	**120V**	**WH** White	**EC** Emergency Circuit	**SW** Separate Switch
DRM-UD-RGBW Direct/Indirect	**24** 24" OD	**CC** Conical Cable*	**HO** High Output	**30** 3000k temp **95.2%**		**CFA** Clear Frosted Acrylic*	**277V**	**SV** Silver		**90 CRI** 90 CRI
	36 36" OD	**H** Stem*	**SG** Soft Glow indirect only	**35** 3500k temp **96.8%**		* Available in indirect only	**UNV** Universal	**BK** Black	**DIMMING OPTIONS (CHOOSE 1)**	
	48 48" OD	*Specify Stem/ Cable Length	Custom Output Specify desired output	**40** 4000k temp **100%**				**CC** Custom Color	**DMX** DMX 512	**DALI** Digitally Addressable Lighting Interface
	72 72" OD		lm/fixture	**50** 5000k temp **103%**				Provide custom color RAL#:		

1. 60 option available with 40 Fixture Length only
2. 90 option available with 60 Fixture Length only
3. A2 option available with 80 Fixture Length only
4. 10ft aircraft cables with gripples and hourglass sleeves pre-installed. Canopy kits ordered separately
5. G2 option available with 60 Fixture Length and 90 Lumen Output options only
6. 10ft Power Cord included. 300V 18AWG, 5-Conductor wire
7. Powercord not required for G2 mounting option

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RGBW

Customer Name		Date
Project Name		
Catalog Number		

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DIMMING OPTIONS

Ordering Code	Description
DALI	Digitally Addressable Lighting Interface
DMX	DMX 512

MOUNTING

CC
Conical Cable Mount

H
Stem Mount

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Drawings

18", 24", 36", 48", 72"
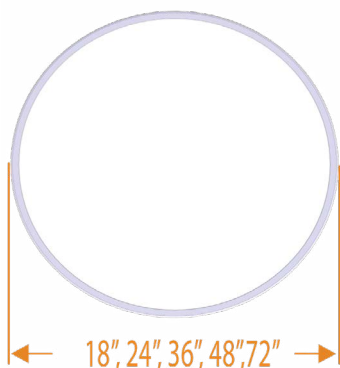
LUMENS PER FIXTURE

DRUM	STANDARD OUTPUT	HIGH OUTPUT
18	1687 lm	5061 lm
24	3000 lm	9000 lm
36	6750 lm	20250 lm
48	12000 lm	36000 lm
72	27000 lm	81000 lm

Spectral Power Distribution, White

2700K 3-STEP
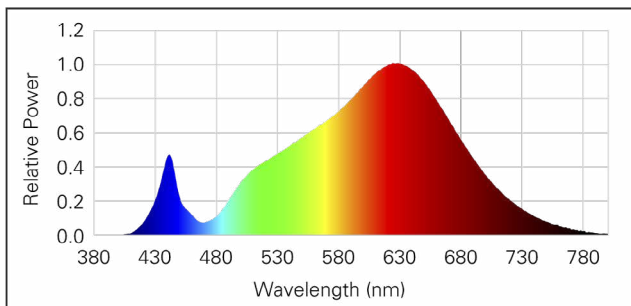
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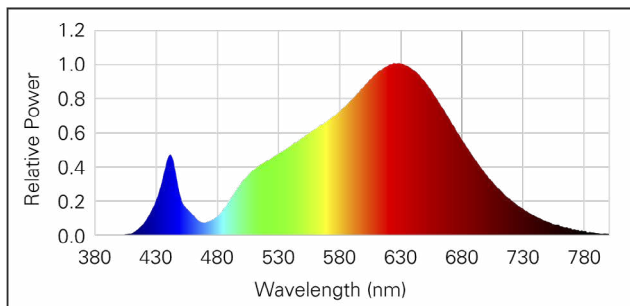
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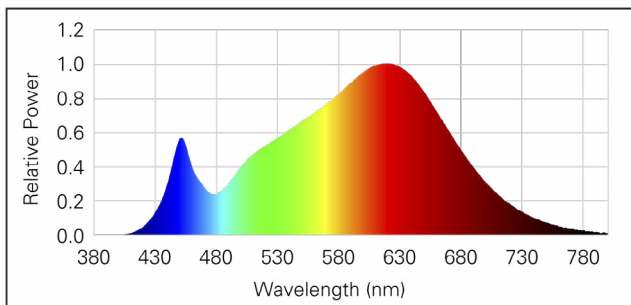
5000K 3-STEP
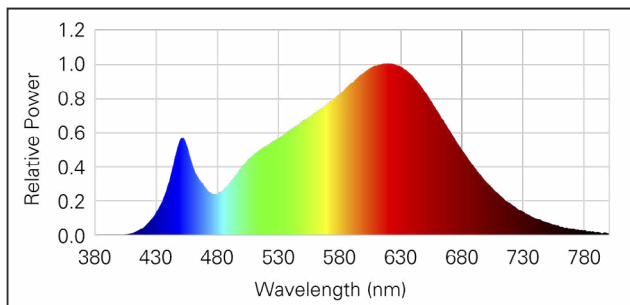
3500K 3-STEP
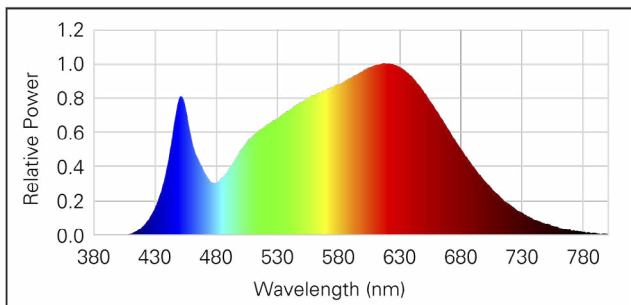
6500K 3-STEP
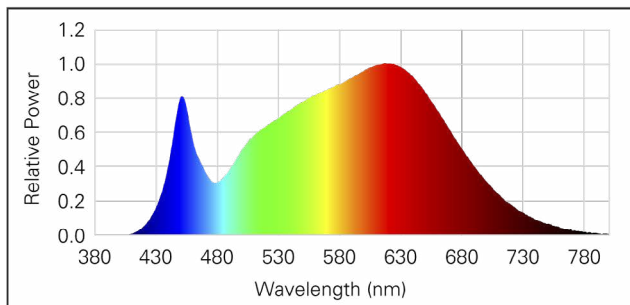
† Consult factory for asymmetric configuration

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Spectral Power Distribution, RGB

Beam Angle

RED

GREEN

BLUE

WHITE

RGB

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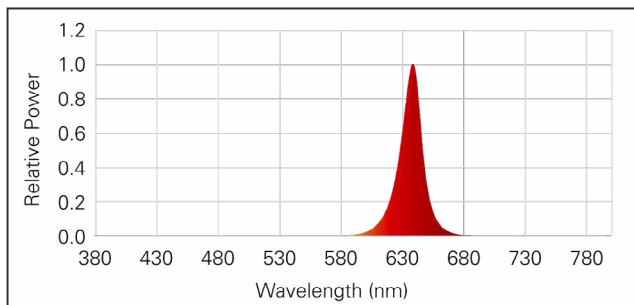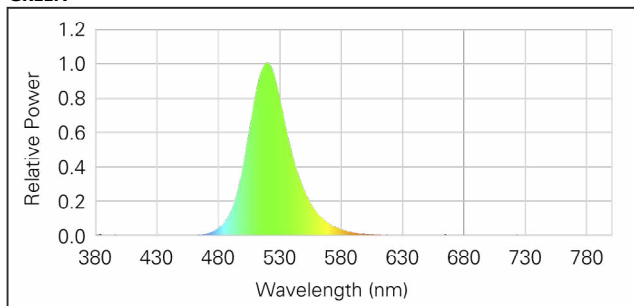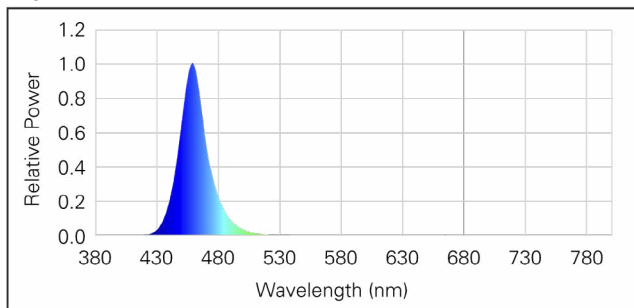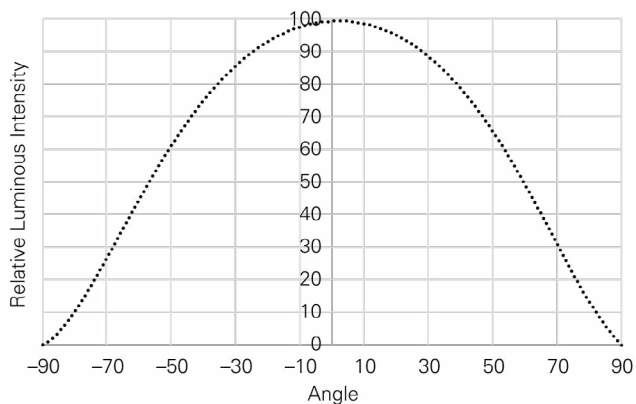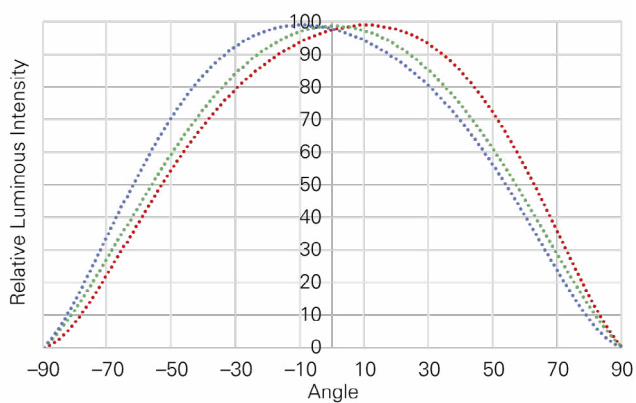
Electrical Characteristics

Assuming 35k 90 CRI, 25°C

WHITE					
Current (mA)	100	250	350	500	640
Voltage (V)	24.21	25.09	25.55	26.14	26.72
Flux (lm)	378	928.8	1274.4	1746	2120

RED				
Current (mA)	40	90	120	160
Voltage (V)	18	20.25	21.375	23.85
Radiant Flux (mcd)	13500	31050	40500	54000

GREEN				
Current (mA)	40	90	120	140
Voltage (V)	27.9	28.98	29.7	30.375
Radiant Flux (mcd)	45360	88200	101304	117180

BLUE			
Current (mA)	40	90	100
Voltage (V)	25.875	29.7	30.375
Radiant Flux (mcd)	9720	18720	19440

EFFICACY VS. CURRENT

WHITE

RED

GREEN

BLUE

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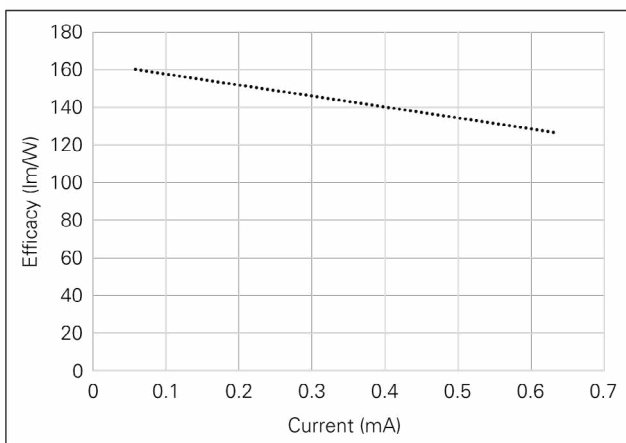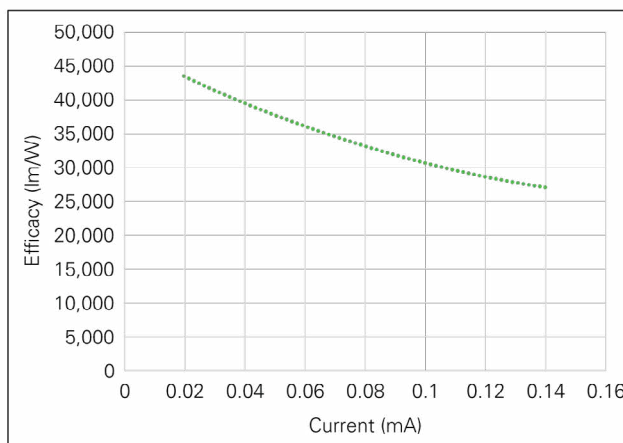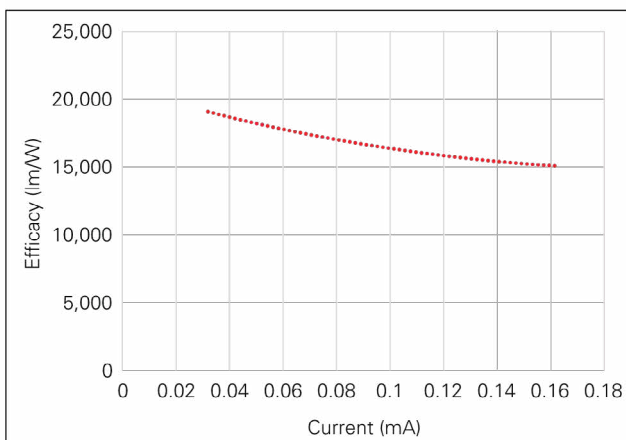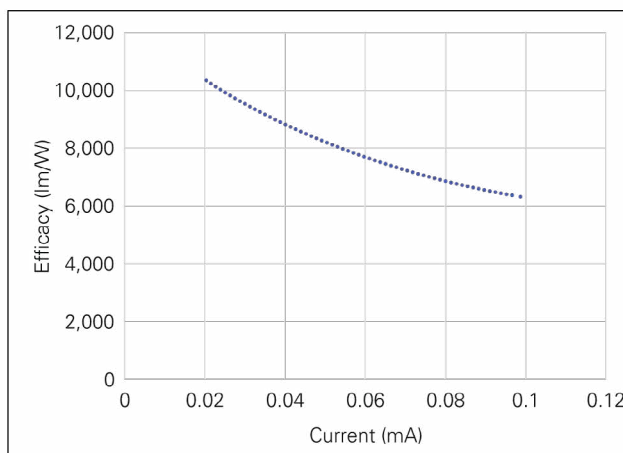
Derating

COLOR TEMPERATURE	LIGHT OUTPUT
2700K	97%
3000K	100%
3500K	106%
4000K	111%
5000K	111%
6000K	107%

VOLTAGE VS. TEMPERATURE

WHITE

GREEN

RED

BLUE

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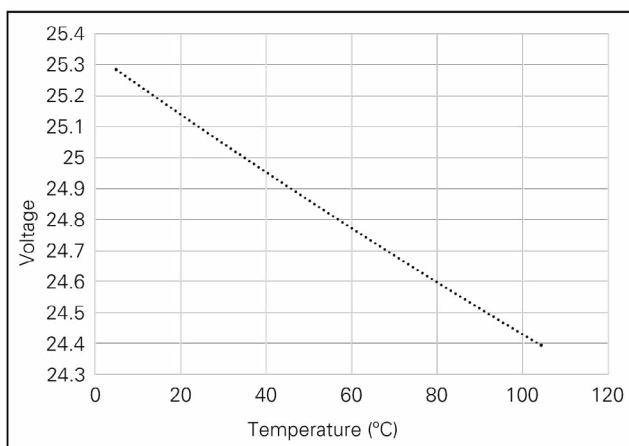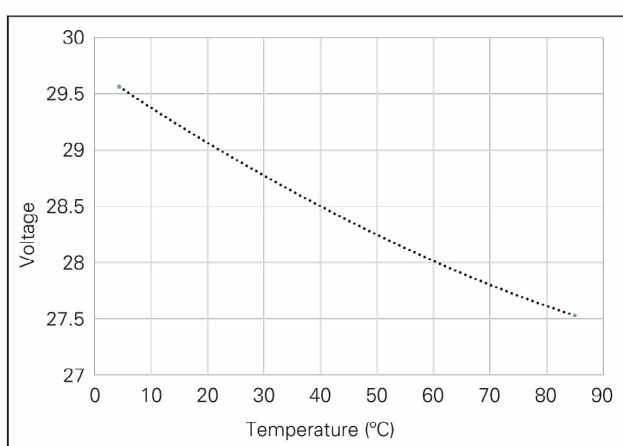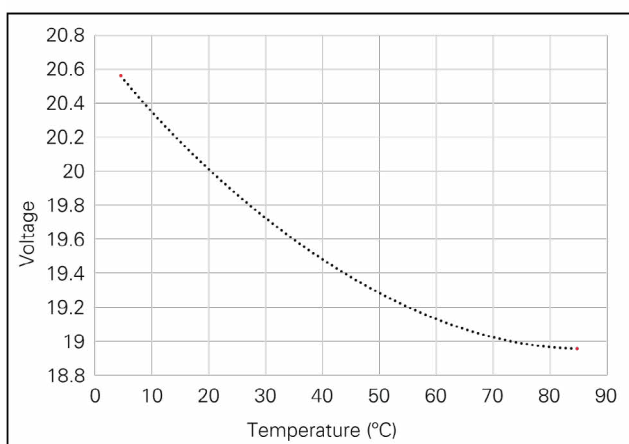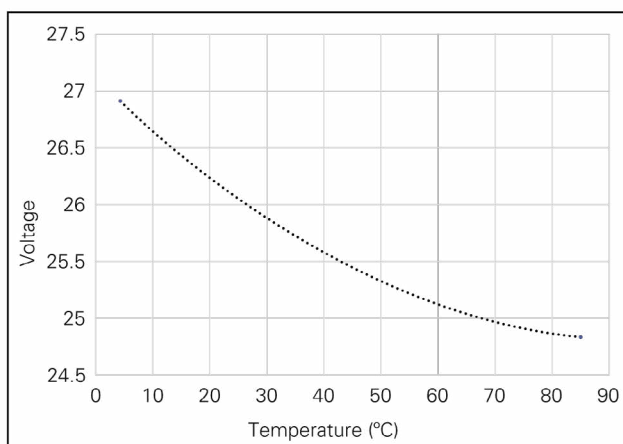
Derating

FLUX VS. TEMPERATURE

WHITE

GREEN

RED

BLUE

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RGBW
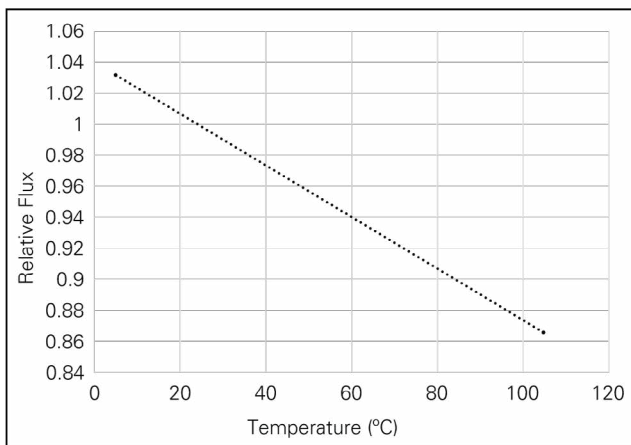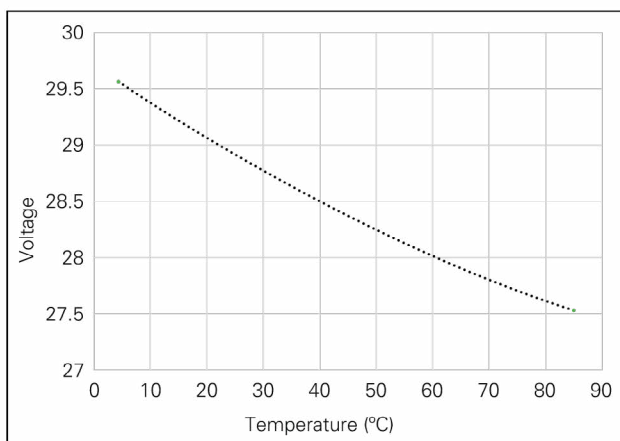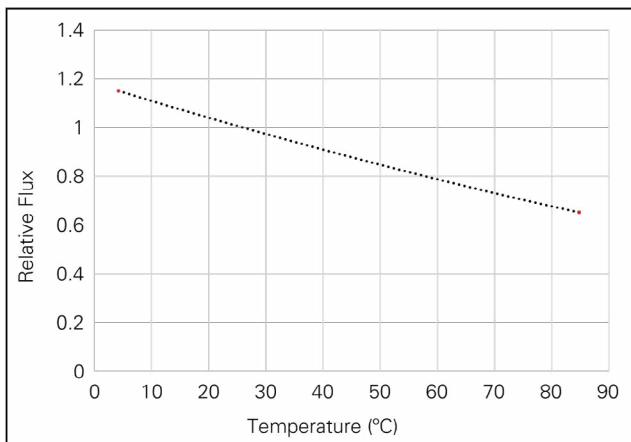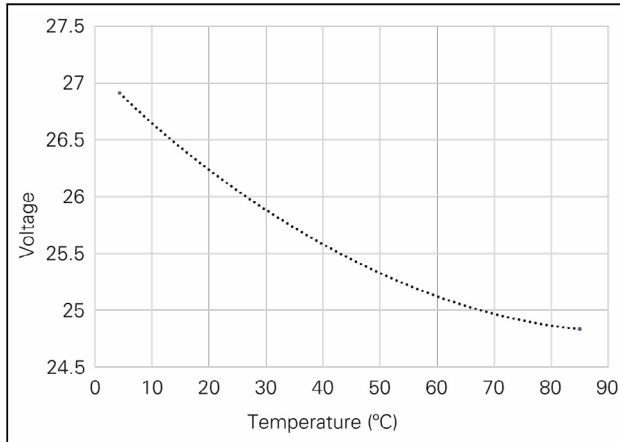
CONSTRUCTION

Housing:	18 gauge spun cold rolled steel housing
Lens:	White opal, and clear frosted acrylic lenses.
Paint:	Black, White, Silver, Custom Color

OPTICAL SYSTEM

Distribution:	Direct (D), Direct/Indirect (UD)
CCT:	2700k, 3000K, 3500K, 4000K, 5000K
CRI (Min):	90CRI
R9 (Min):	65
Color Consistency:	2SDCM

ELECTRICAL

Input Voltage:	120V, 277V, Universal Voltage
Input Frequency:	50/60Hz
Power Factor (PF):	>0.9
Total Harmonic Distortion (THD):	<16% - 120V <20% - 277V
Temperature / Humidity:	Suitable for Damp Locations
Transient Protection:	All Non-Lutron = 2.5KV Lutron = 4KV

CONTROLS

Dimming:	Digitally Addressable Lighting Interface; DMX 512

LUMEN MAINTENANCE

- L70>50K Hours

MOUNTING

- S - Surface
- CC - Conical Cable
- H - Stem

DESIGN LIFE & WARRANTY

Warranty:
- LED boards - 5 years
- LED drivers (standard) - 5 years
- LED drivers (Lutron) - 3 years

For Product or Technical Questions:
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T: +1 412 781 5970

forumlighting.com

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