



Customer Name	Date
Project Name	
Catalog Number	



## Drum Series

### RGBW



The Drum series by Forum is a line of color-selectable LED fixtures ranging from 18" through 48" 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. Current's patented TriGain® phosphor delivers 90 CRI color quality at 80 CRI efficacy.

## Ordering

DRM-UD-RGBW									
		LED		LED		Indirect		Direct	
		Im/ft	CCT	Im/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	DIMMING OPTIONS (CHOOSE 1)	
	36 36" OD	H Stem*	SG Soft Glow indirect only	35 3500k temp 96.8%	* Available in indirect only	UNV Universal	BK Black		
	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
			Im/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 grippers 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 Power cord not required for G2 mounting option

## DIMMING OPTIONS

Ordering Code	Description
DALI	Digitally Addressable Lighting Interface
DMX	DMX 512

## MOUNTING

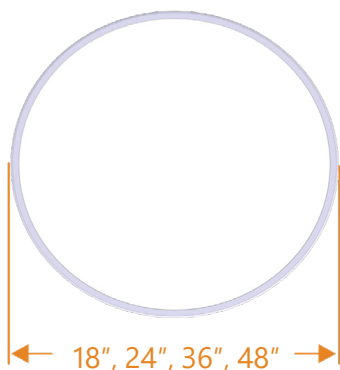


**CC**  
Conical Cable Mount



**H**  
Stem Mount

## Drawings

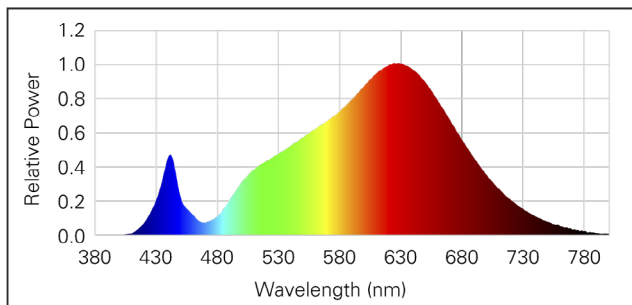


## LUMENS PER FIXTURE

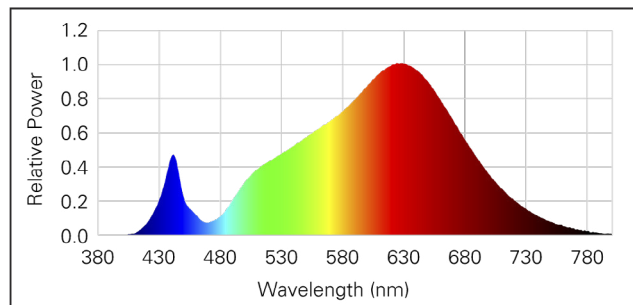
DRUM	STANDARD OUTPUT	HIGH OUTPUT
18	1687 lm	5061 lm
24	3000 lm	9000 lm
36	6750 lm	20250 lm
48	12000 lm	36000 lm

## Spectral Power Distribution, White

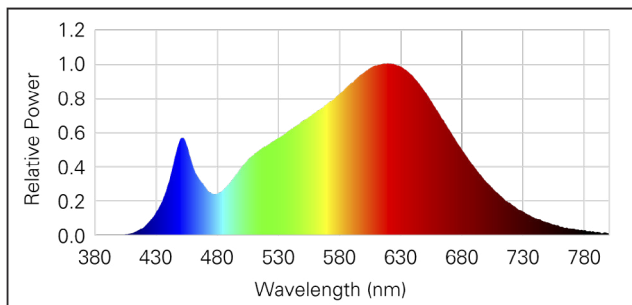
**2700K 3-STEP**



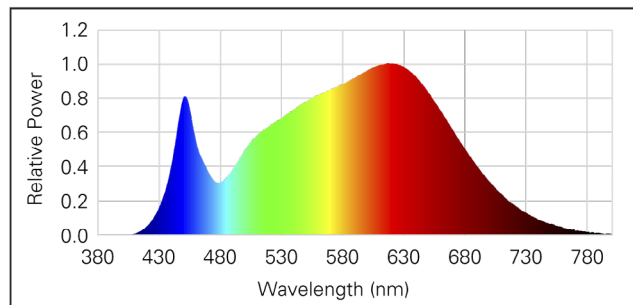
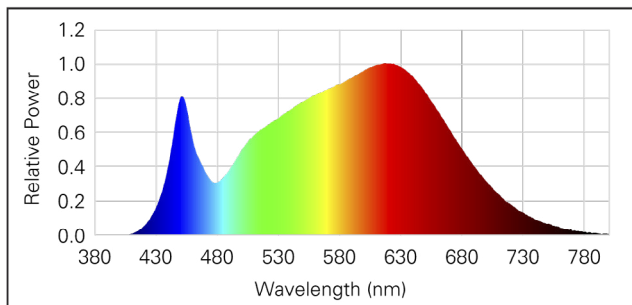
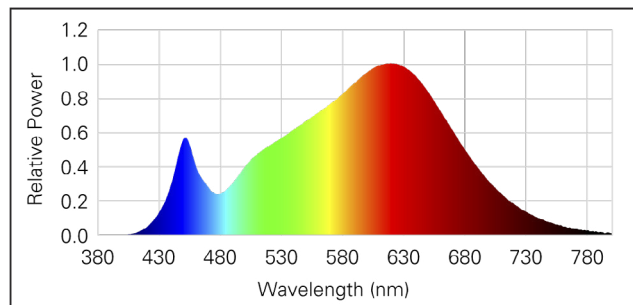
**4000K 3-STEP**



**3000K 3-STEP**



**5000K 3-STEP**



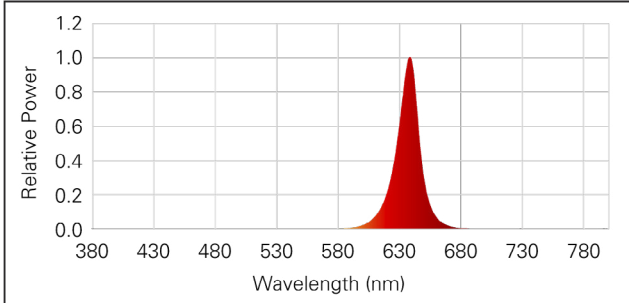
**3500K 3-STEP**

**6500K 3-STEP**

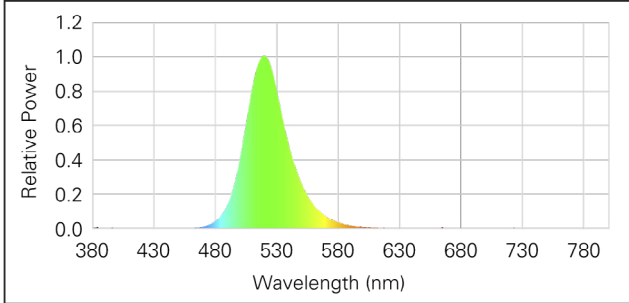
\* Consult factory for asymmetric configuration

## Spectral Power Distribution, RGB

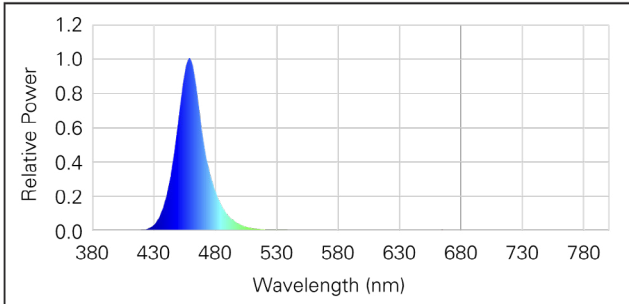
**RED**



**GREEN**

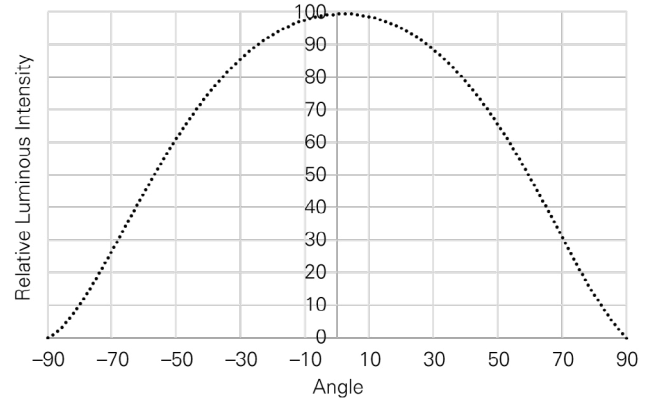


**BLUE**

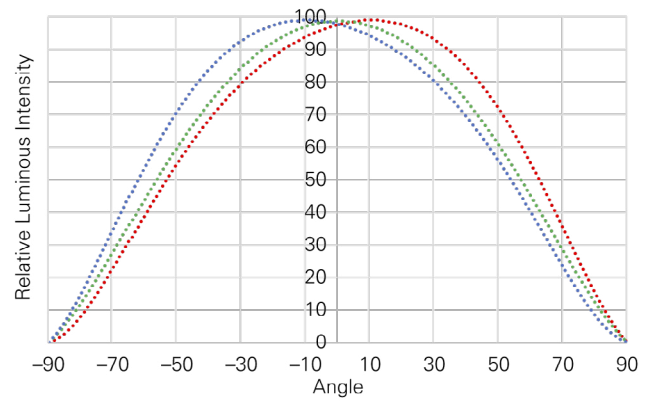


## Beam Angle

**WHITE**



**RGB**



## Electrical Characteristics

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	

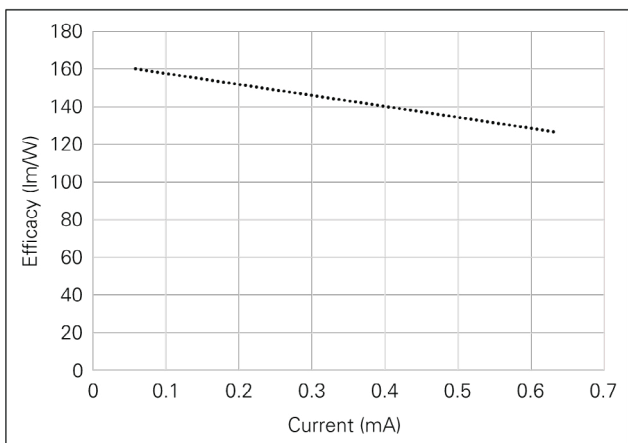
## Assuming 35k 90 CRI, 25°C

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

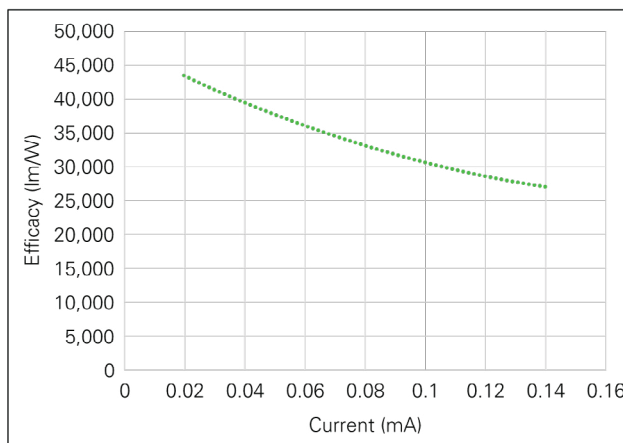
BLUE			
Current (mA)	40	90	100
Voltage (V)	25.875	29.7	30.375
Radiant Flux (mcd)	9720	18720	19440

### EFFICACY VS. CURRENT

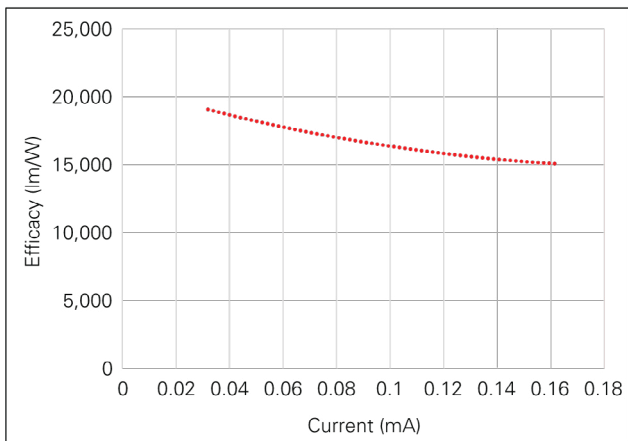
#### WHITE



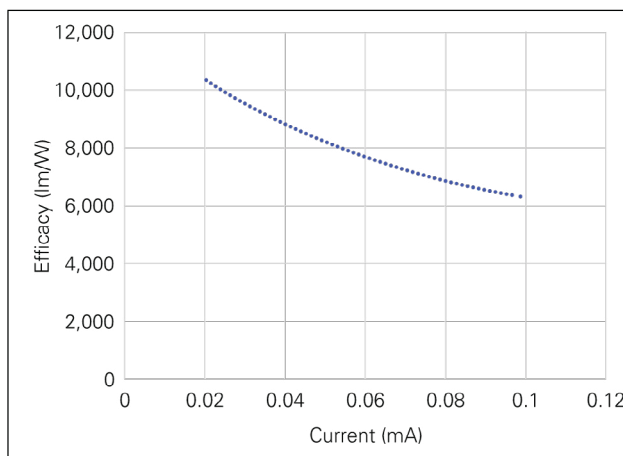
#### GREEN



#### RED



#### BLUE

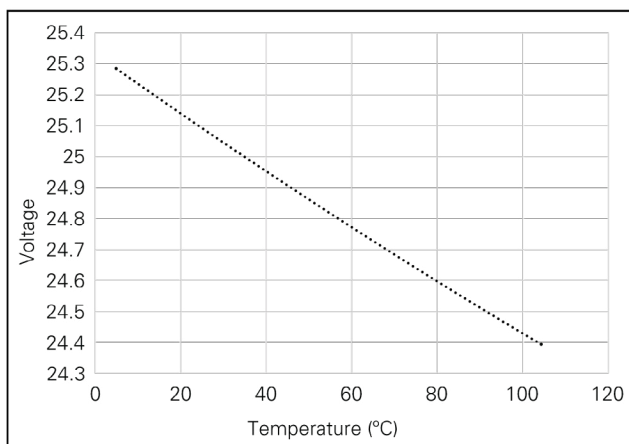


## Derating

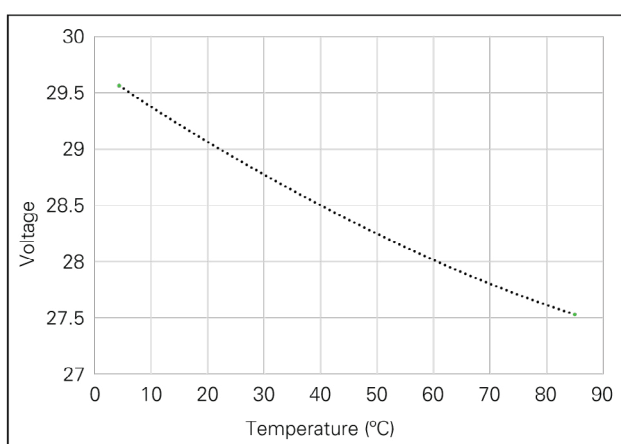
COLOR TEMPERATURE	LIGHT OUTPUT
2700K	97%
3000K	100%
3500K	106%
4000K	111%
5000K	111%
6000K	107%

## VOLTAGE VS. TEMPERATURE

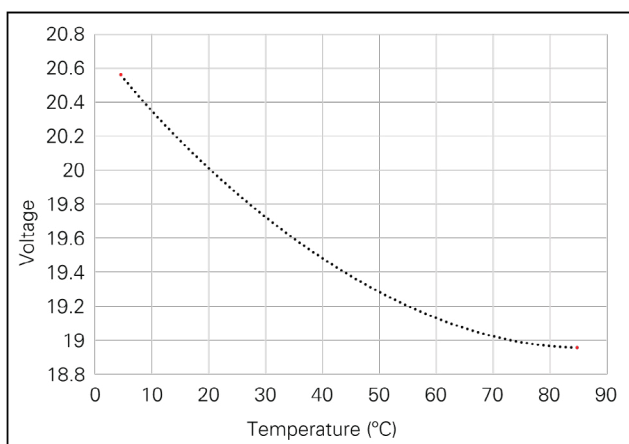
### WHITE



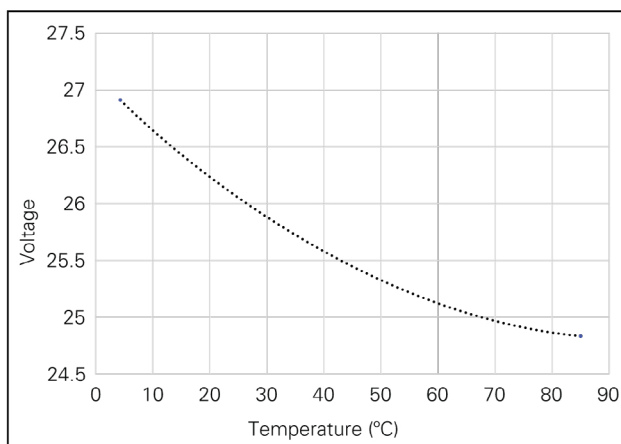
### GREEN



### RED



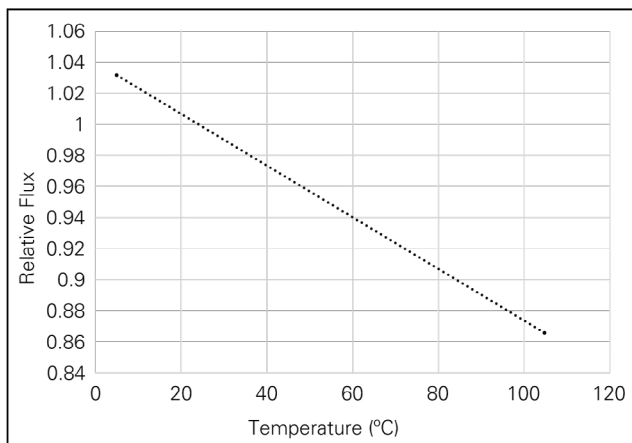
### BLUE



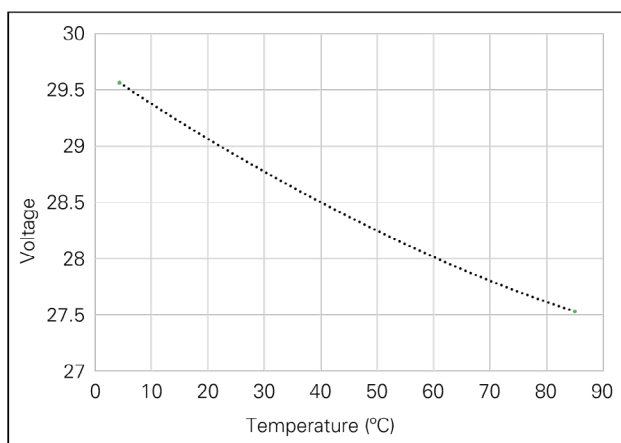
## Derating

### FLUX VS. TEMPERATURE

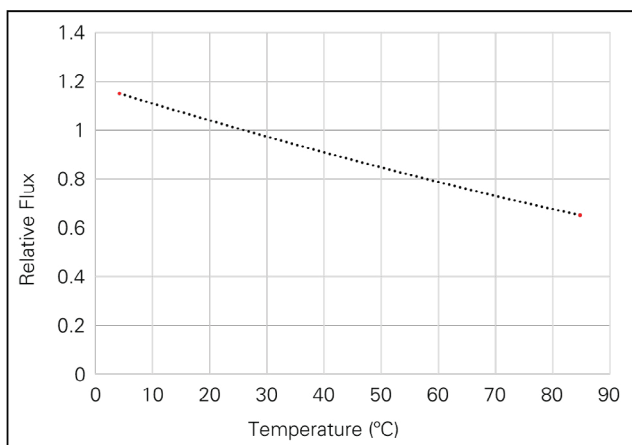
WHITE



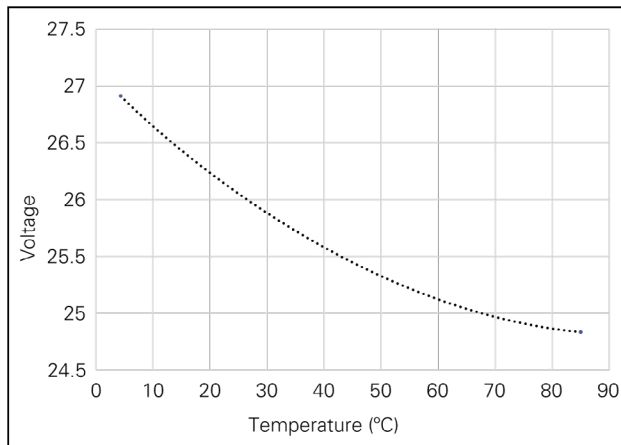
GREEN



RED



BLUE





## 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):** TriGain® 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