



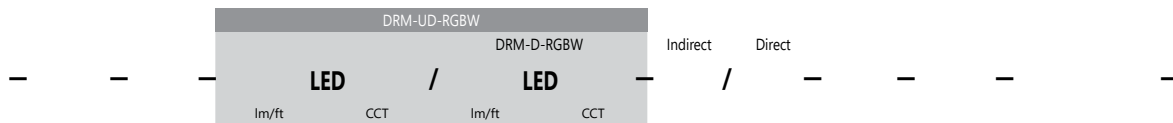
Drum Series

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



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%	WOL White Opal Lens	120V	WH White	EC Emergency Circuit	SW Separate Switch
	24 24" OD	CC Conical Cable*	HO High Output	30 3000k temp 95.2% Special order option	CFA Clear Frosted Acrylic*	277V	SV Silver		90 CRI 90 CRI
DRM-UD-RGBW Direct/Indirect	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
			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

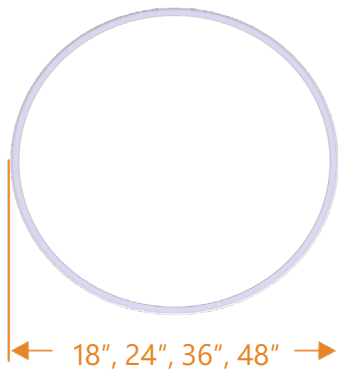


CC
Conical Cable Mount



H
Stem Mount

OVERVIEW DRAWING

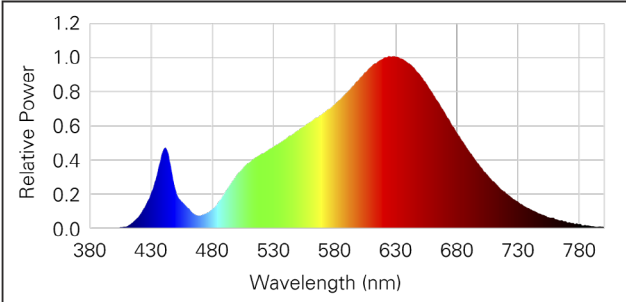


LUMENS PER FIXTURE

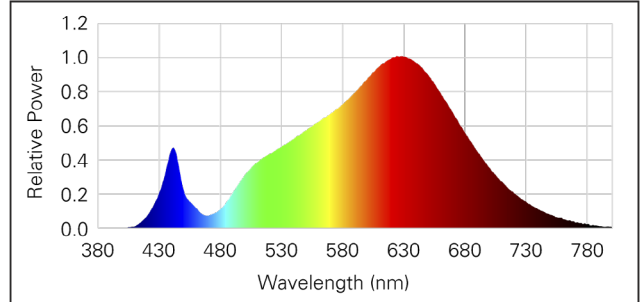
DRUM	STANDARD OUTPUT	HIGH OUTPUT
18	1687 lm	5061 lm
24	3000 lm	9000 lm
36	6750 lm	20250 lm
48	12000 lm	36000 lm

Spectral Power Distribution, White

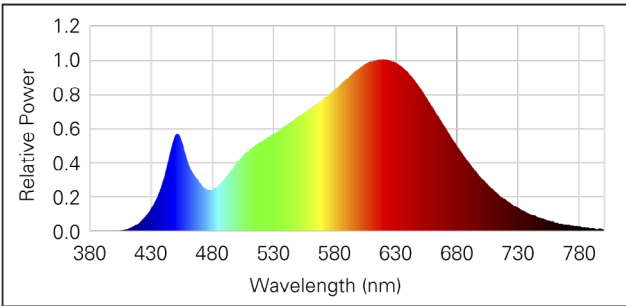
2700K 3-STEP



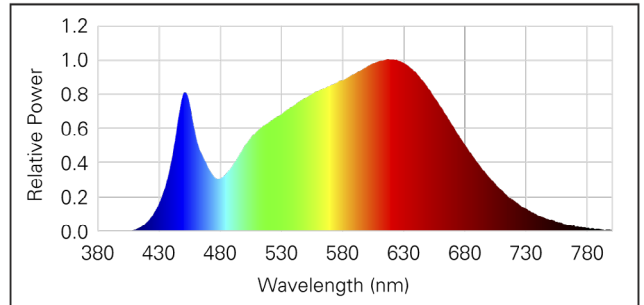
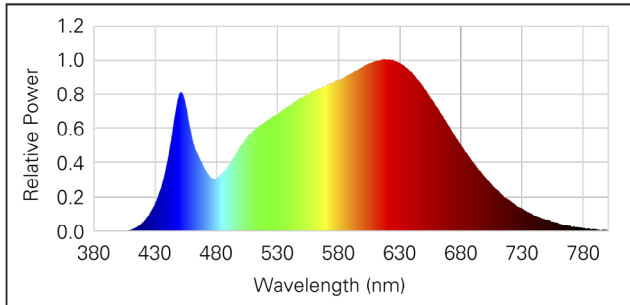
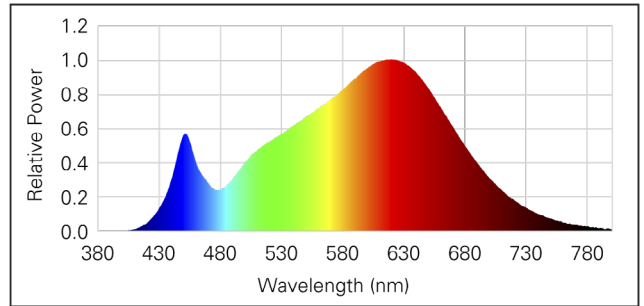
4000K 3-STEP



3000K 3-STEP



5000K 3-STEP



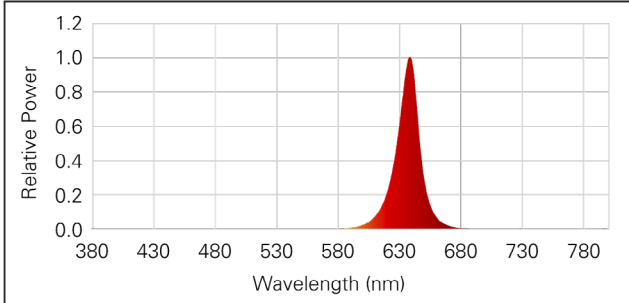
3500K 3-STEP

6500K 3-STEP

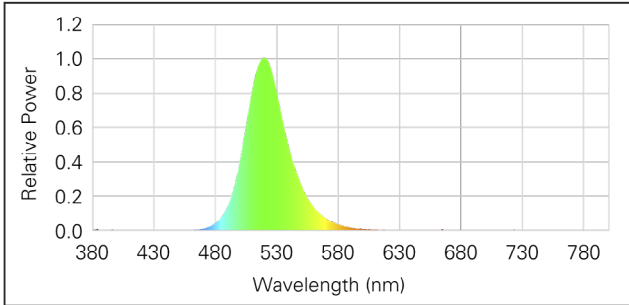
* Consult factory for asymmetric configuration

Spectral Power Distribution, RGB

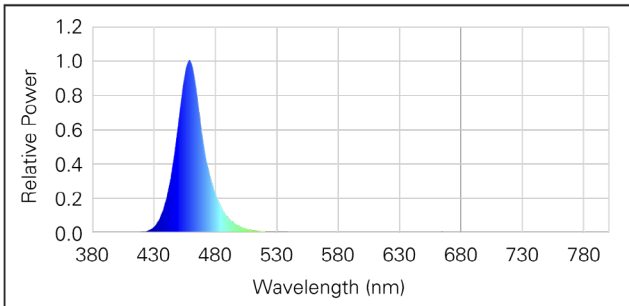
RED



GREEN

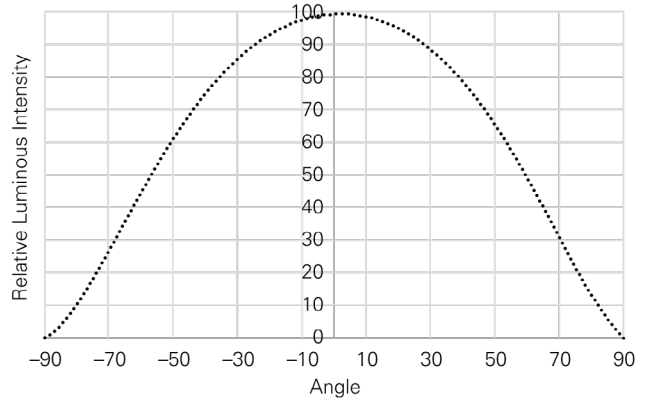


BLUE

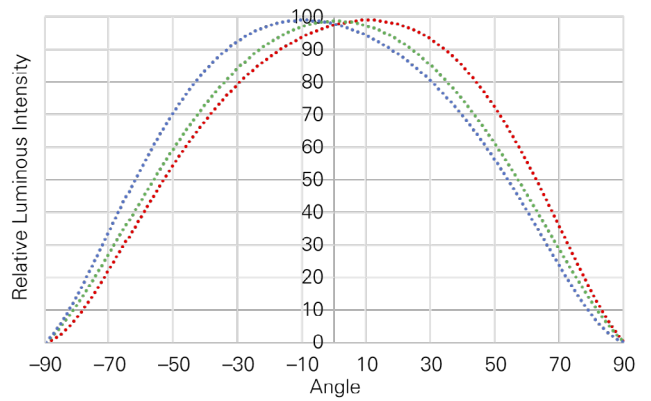


Beam Angle

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

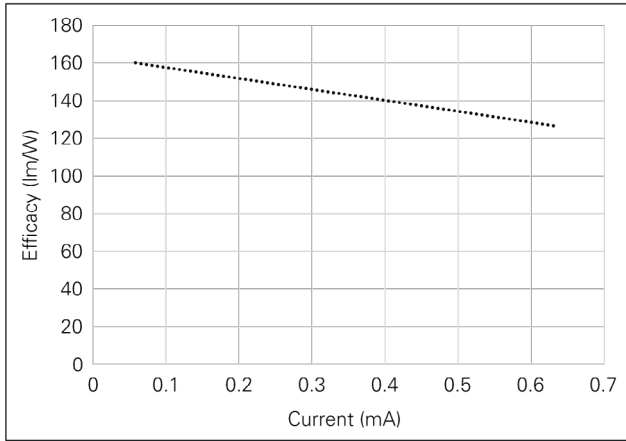
Assuming 35k 90 CRI, 25°C

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

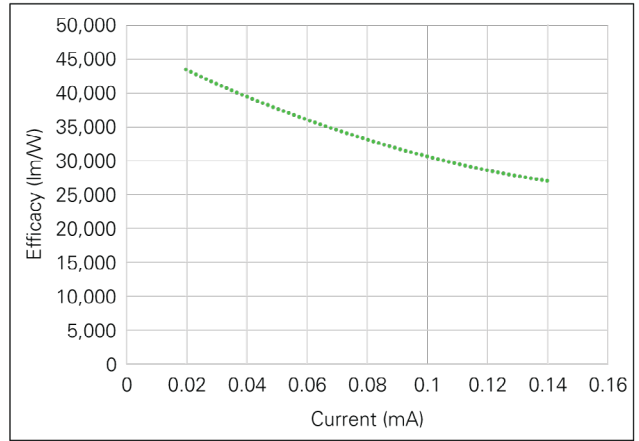
BLUE			
Current (mA)	40	90	100
Voltage (V)	25.875	29.7	30.375
Radiant Flux (mcd)	9720	18720	19440

EFFICACY VS. CURRENT

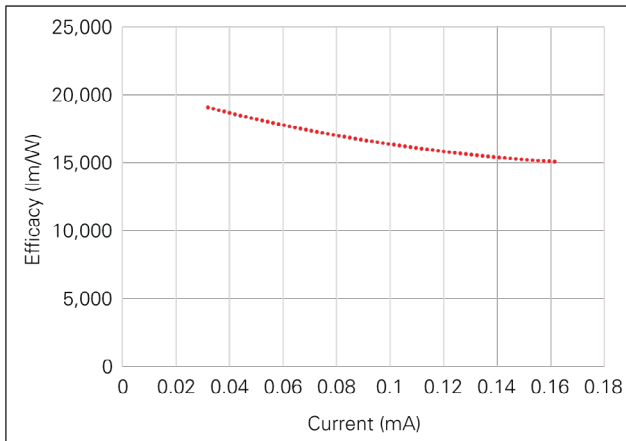
WHITE



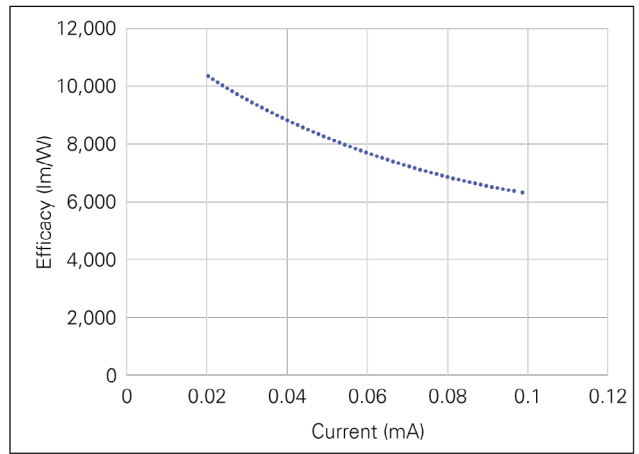
GREEN



RED



BLUE

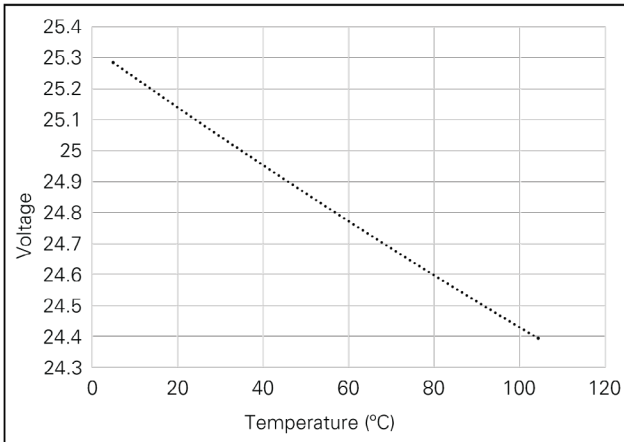


Derating

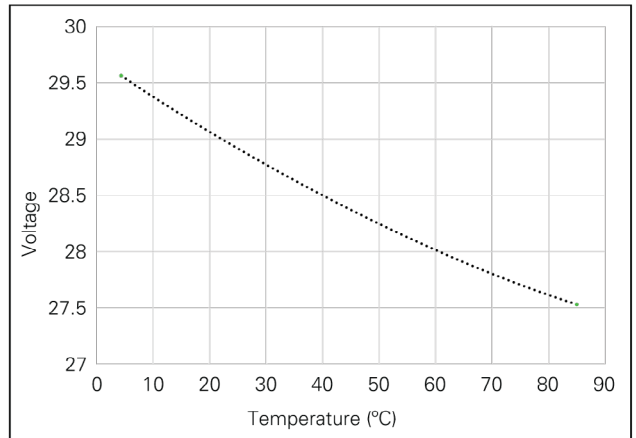
COLOR TEMPERATURE	LIGHT OUTPUT
2700K	97%
3000K	100%
3500K	106%
4000K	111%
5000K	111%
6000K	107%

VOLTAGE VS. TEMPERATURE

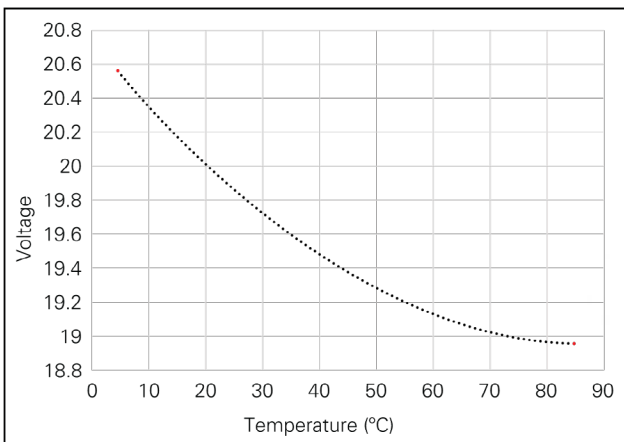
WHITE



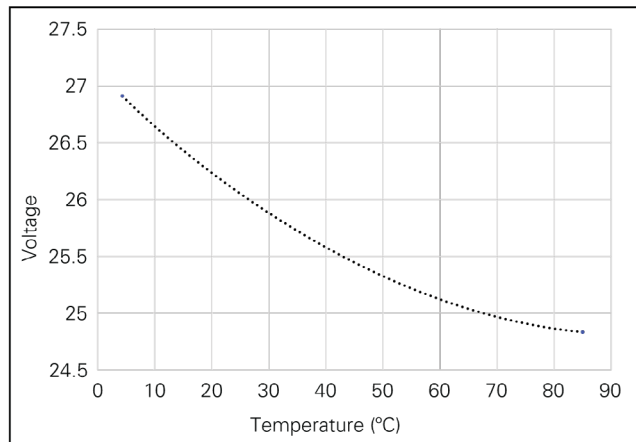
GREEN



RED



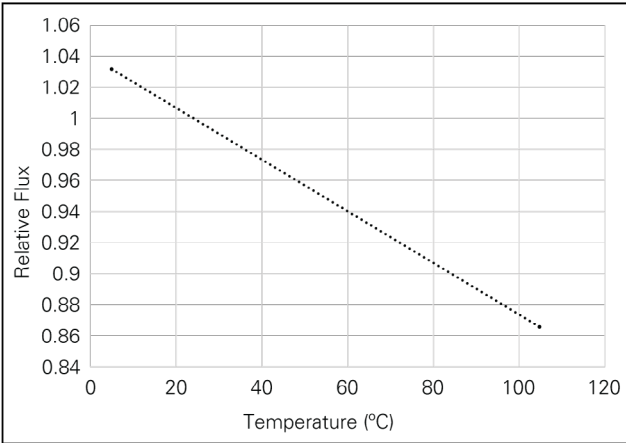
BLUE



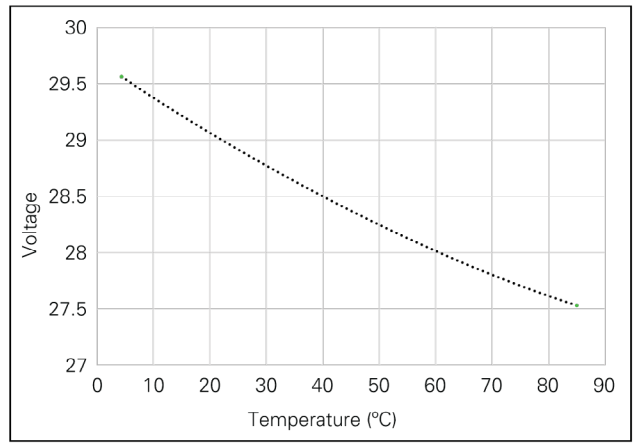
Derating

FLUX VS. TEMPERATURE

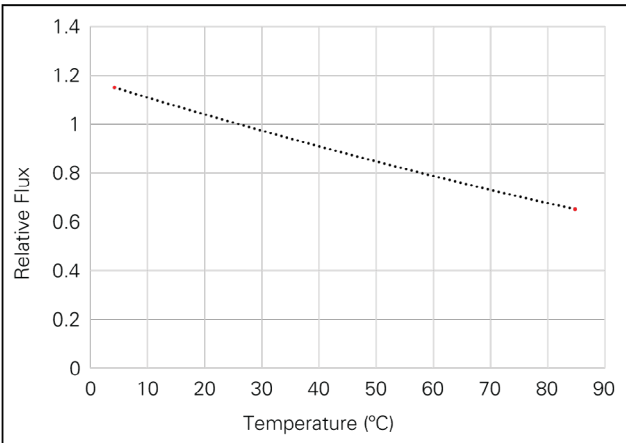
WHITE



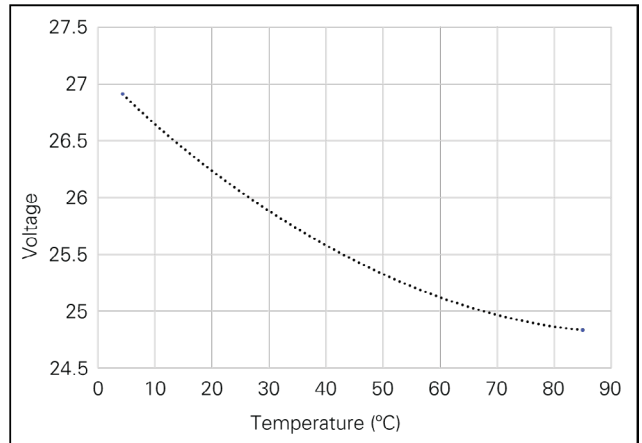
GREEN



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
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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