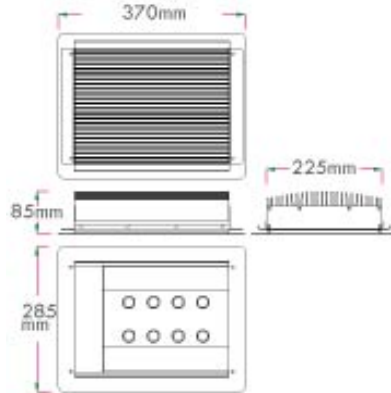


## R100 Specification & Photometric Information



**Model Number:**  
**F100/S100/R100**

**Primary use :**  
 -Canopy lighting

### Specification

Parameter	Value	Unit
<b>Electrical</b>		
Input Voltage	100~277	Vac
Power consumption	92	W
Power Factor	99.6	%
<b>Output</b>		
Beam Angle	24/30/60/90/130/135/(120x50)/(120x60)/(135x50)	degree
True Lumen output (TW)	7000	lm
(NW)	6400	lm
(WW)	5400	lm
Lumen maintenance	50,000	hours
<b>Physical</b>		
Weight	11	lb
Lens	Tempered Glass	
Operating Temperature	-40~50	C
Operating Environment	IP68	
<b>Chipset</b>		
Chip	CREE XPG	
Total numbers of LEDs	40	pieces
CRI	80	
Correlated Color Temperature (CCT) (TW)	5,000~10,000 (Typ. 6,000)	k
(NW)	3,700~5,000 (Typ. 4,300)	k
(WW)	2,600~3,700 (Typ. 3,000)	k
<b>Certification and Safety</b>		
Certifications	ETL,CE,FCC,LVD,RoHS, Laser	
Safety	Not for use in totally enclosed fixture	



**L.E.D. Rite, LLC**  
120 Rowell Road  
Hampshire, IL 60140  
Tel: (847)-683-8002  
www.ledrite.com

[www.ledrite.com](http://www.ledrite.com)

Warranty	5	years
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## ORDERING INFORMATION

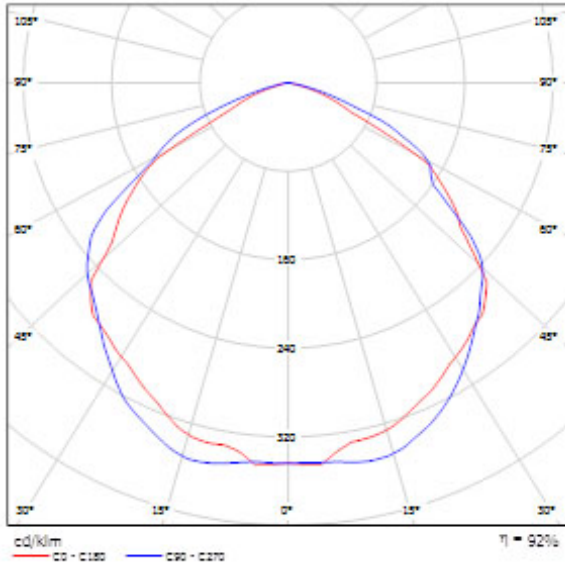
MODEL	LED MFG	LED TYPE	COLOR TEMPERATURE	MOUNTING METHOD	DEGREE BEAM ANGLE	FIXTURE COLOR
R100	C - Cree	G -XPG T - XTE	T - True White N - Natural White W- Warm Whit K - 2200K WW	S - Standard	024 - 24 060 - 60 090 - 90 130 - 130 X50 - 135X50 X60 - 120X60	S - Standard Silver

**EXAMPLE :** R100CGTS090 (R100, CREE XPG, True White, Standard Mounting, 90 degree beam angle, Silver color fixture)

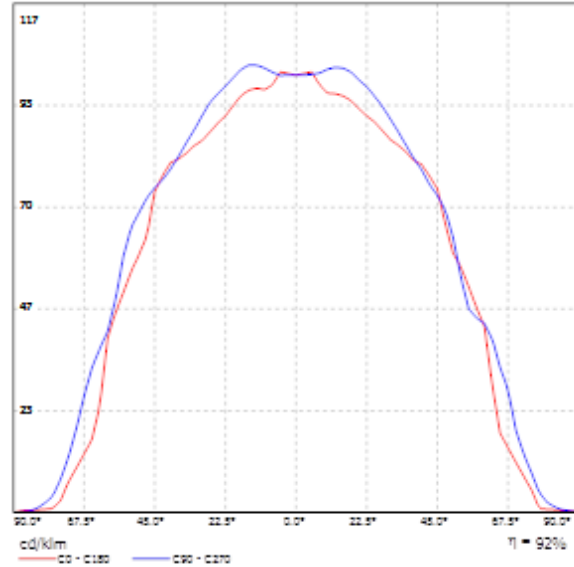
## Luminaire Data

### 130 degree beam angle

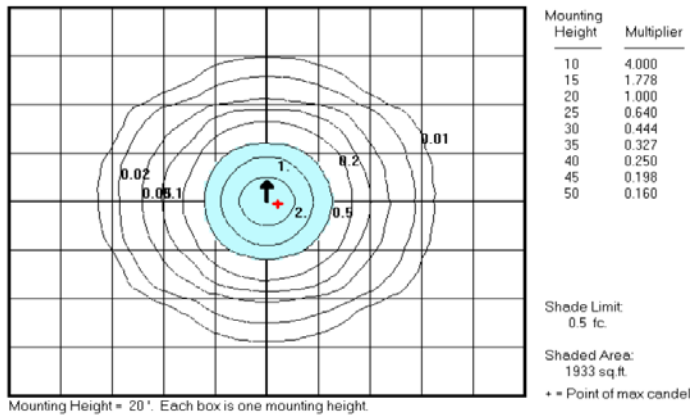
#### 1. Polar Diagram



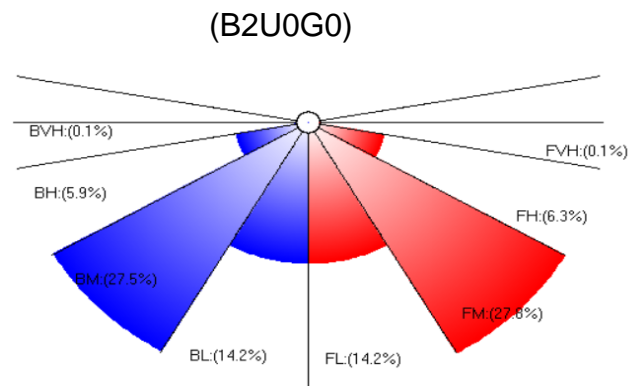
#### 2. Linear Diagram



#### 3. ISO-Illuminance



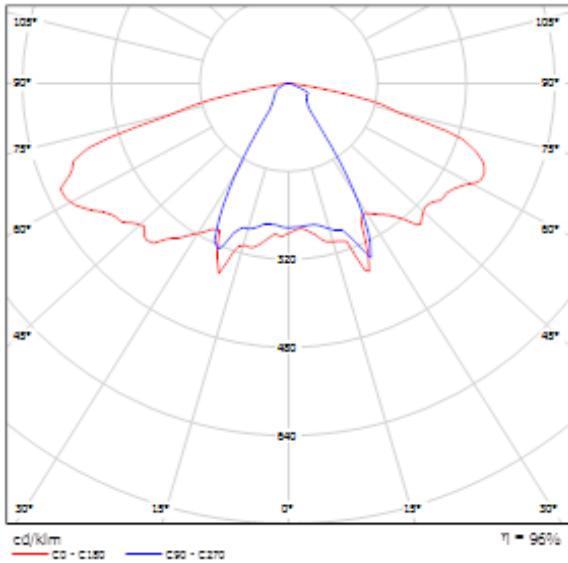
#### 4. LCS Graph-BUG Rating



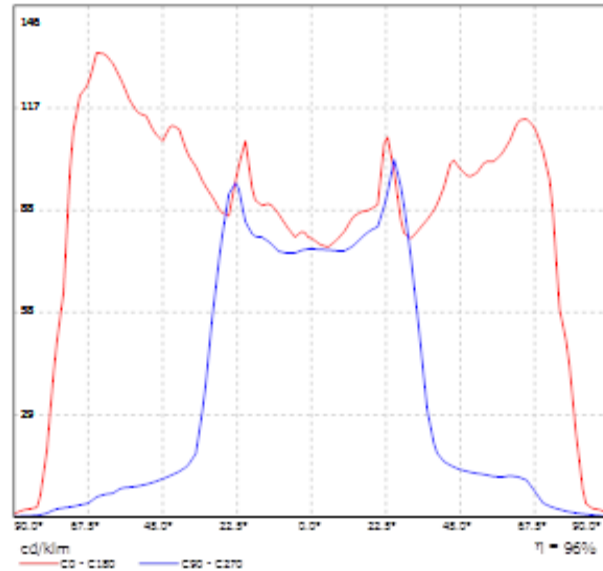
Luminaire Data

**135x50 degree beam angle**

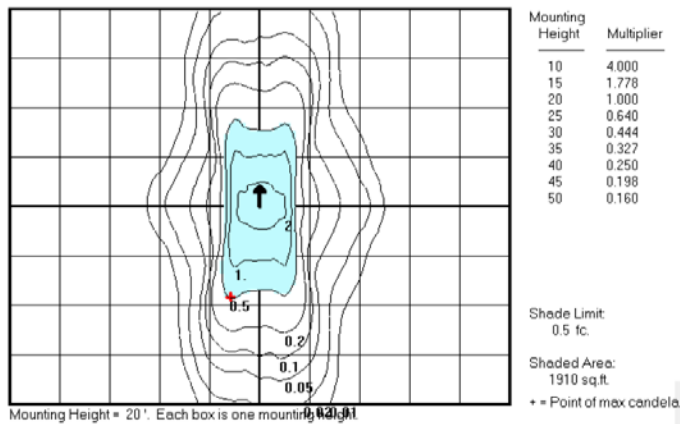
1. Polar Diagram



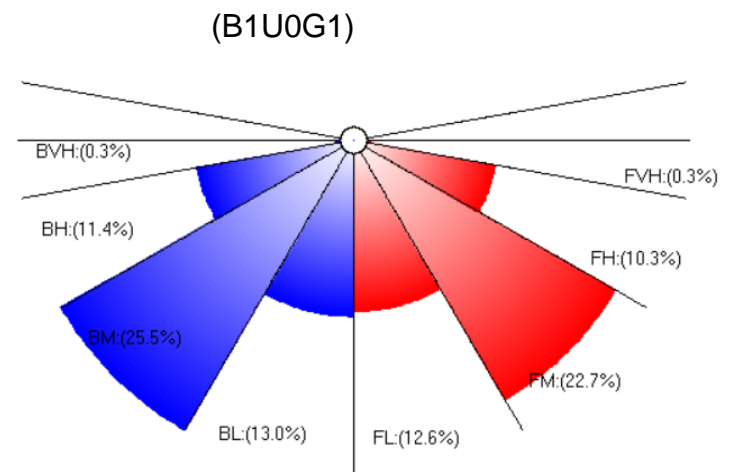
2. Linear Diagram



3. ISO-Illuminance



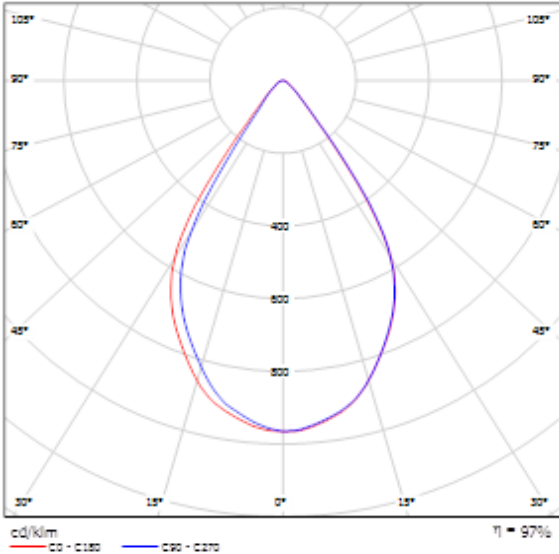
4. LCS Graph-BUG Rating



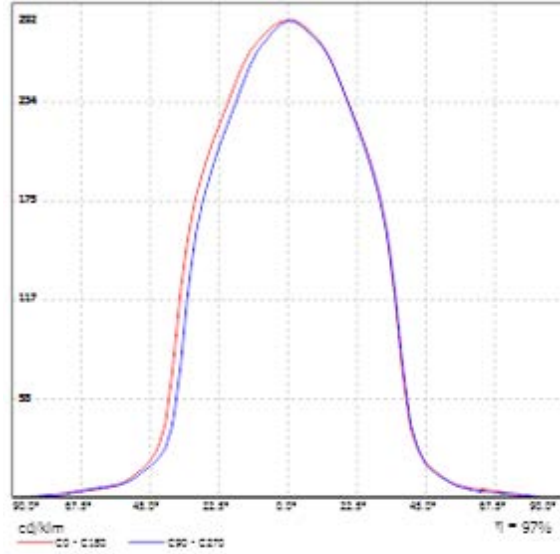
Luminaire Data

**60 degree beam angle**

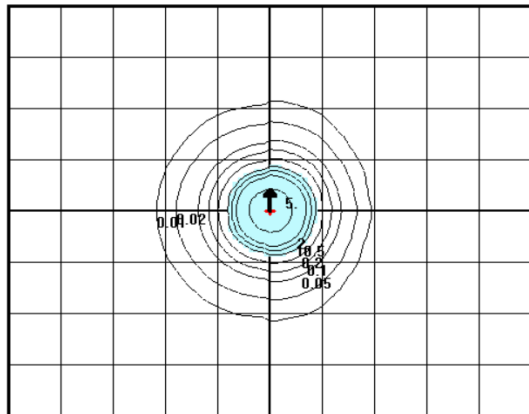
### 1. Polar Diagram



### 2. Linear Diagram



### 3. ISO-Illuminance



Mounting Height	Multiplier
10	4.000
15	1.778
20	1.000
25	0.640
30	0.444
35	0.327
40	0.250
45	0.198
50	0.160

Shade Limit:  
 0.5 fc.  
 Shaded Area:  
 957 sq.ft.  
 \* = Point of max candela

Mounting Height = 20'. Each box is one mounting height.

### 4. LCS Graph-BUG Rating

