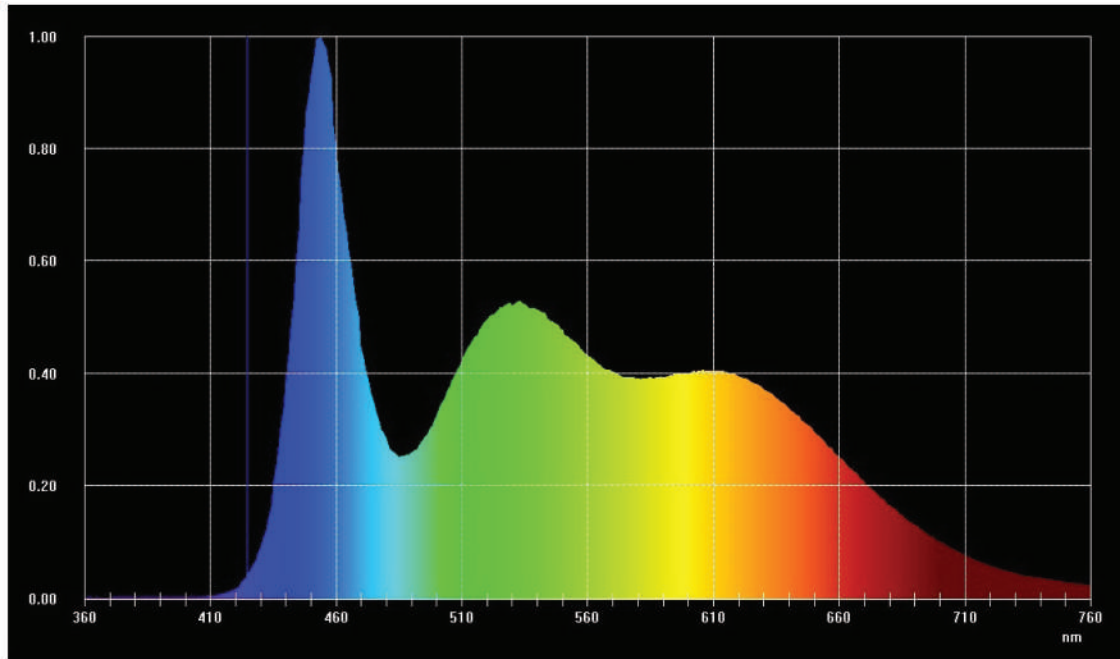


TEST: U:12.00V I: 1.548A P: 18.60W PF: 1.000 Lamp Flux: 1314.5x1 lm			
NAME:	UB-CRI-BW-12V	TYPE:	Strip
WEIGHT:			0.01kg
DIM.:	1000*10*2 (MM)	SPEC:	19.2W
SERIAL N°:			01
MFR:	Flexfire LEDs, Inc.	SUR.:	1000*10 (MM)
PROJECTION ANGLE:			120

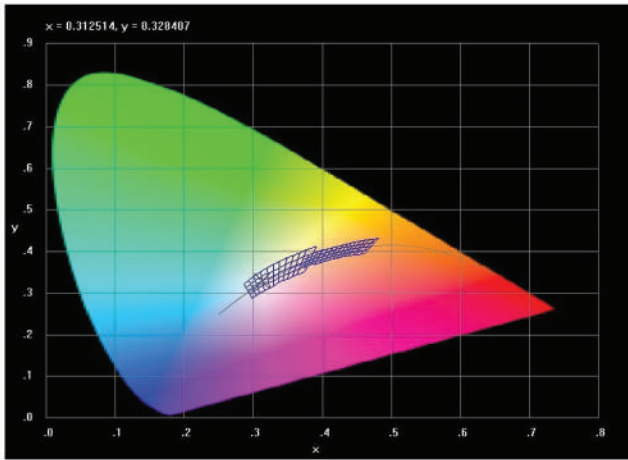
LAMP DATA	
MODEL	SMD 3020 / CRI 93 / LED
NOMINAL POWER (W)	18.6
RATED VOLTAGE (V)	12
NOMINAL FLUX (lm)	1314.5
LAMPS INSIDE	1
TEST VOLTAGE (V)	12.0

PHOTOMETRIC DATA Eff: 70.67 lm/W			
Imax (cd)	440.5	S/MH (C0/180)	1.28
LOR (%)	100.0	S/MH (C90/270)	1.26
TOTAL FLUX (lm)	1314.5	n UP,DN (C0-180)	0.6, 48.4
CIE CLASS	DIRECT	n UP,DN (C180-360)	0.5, 50.4
n up (%)	1.1	CIBSE SHR NOM	1.25
n down (%)	98.9	CIBSE SHR MAX	1.35

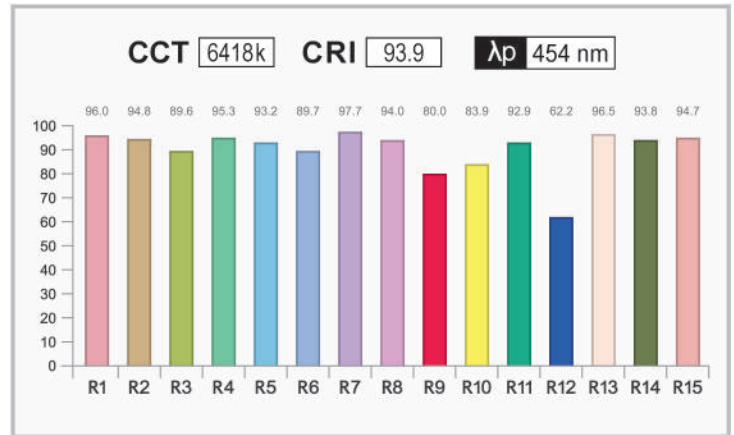
PHOTOMETRIC SPECTRUM



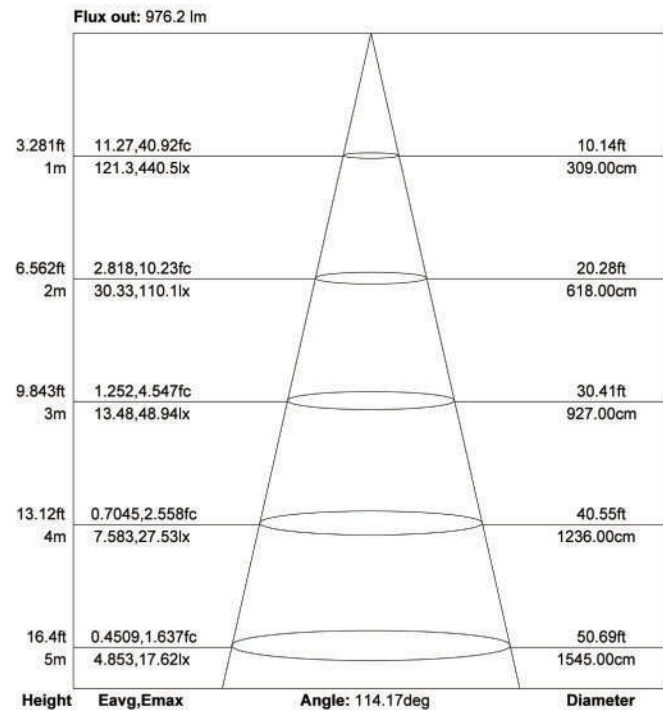
CHROMATICITY DIAGRAM (CIE 31)



COLOR RENDERING INDEX (CRI) R-Values

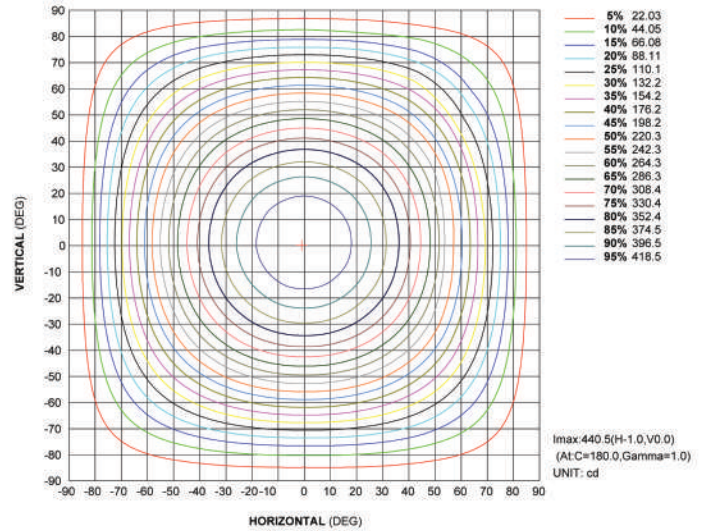


CONE LUX DIAGRAM



NOTE: The curves indicate the illuminated area and the average illumination when the luminaire is at different distances.

ISOCANDELA DIAGRAM



*Results may vary from test to test.
Full test data available upon request.
Each test is conducted in a controlled environment.*