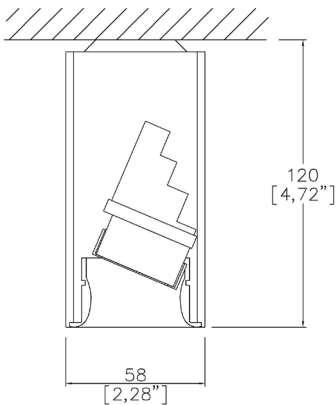


Surface58 Accent



58mm (2.28”) overall diameter. Surface mounted fitting incorporating our Flare55 downlight. Up to 25° tilt. For use with remote installation driver.



120583-FL-LED-CC

LED Source	LED35/2-SC	LED35/2-SC	LED35/2-SC
CCT	3000K	3000K	3000K
Drive Current	300mA	300mA	300mA
Power inc Driver	6.4W	6.4W	6.4W
Beam Angle	15°	24°	36°
Delivered Lumens	467	464	441
Delivered Intensisty cd	2741	2100	1391
Efficacy lm/w	73	73	70
Forward Volt	18V	18V	18V
CRI	≥90 CRI	≥90 CRI	≥90 CRI

Project Ref:\_\_\_\_\_

Location Ref:\_\_\_\_\_

Fixture Order Code: 

120583-FL-LED-CC

 -  - 

SC

 -  -  - 

300

 -

Fixture

120583-FL-LED-CC Surface58 Accent with LED35 GEN2

Finish

WH White

BK Black

RAL Custom RAL Colour\*

LED Type

SC LED35 GEN2 (90 CRI) for Surface58 accent

CCT

27 2700K

30 3000K

40 4000K

Beam

15 15°

24 24°

36 36°

Max. mA

300 Maximum drive current 300mA

Protocol

S Non-Dim

A Analogue (0-10v)

P Phase

D DALI

B Bluetooth\*\*



Honeycomb Louvre



Diffusing Lens



Frosted Lens



Heavy Spread Lens



Linear Spread Lens



Warm Tone

Accessories Order Code:

- Louvre/Lens
- LS45 Honeycomb Louvre
  - LSCC Warm Tone Lens
  - LSUV UV Lens
  - LSDF Diffusing Lens
  - LSFR Frosted Lens
  - LSLS Linear Spread Lens
  - LSHS Heavy Spread Lens

Technical Details

\*Custom RAL code must be specified. Custom RAL colours can increase prices and lead times

Dimming. Whilst Lucent can offer the majority of its luminaires with various dimming options, it remains the responsibility of the specifier/installer to check and ensure compatibility of any control equipment used. Additional cabling may be required depending on the dimming protocol specified.

\*\*Bluetooth (wireless) is the communication method. The exact dimming protocol must be confirmed to allow the selection of suitable drivers or bluetooth devices.

^ Depth indicated is the minimum recess depth for the luminaire with a remote mounted LED driver. Installing a driver through either the luminaire cut-out or installation kit may require additional recess depth, please refer to the relevant luminaire installation instructions for further details.Data correct at time of publishing

First Fix Requirement. Luminaire comprised of fixture body with ceiling trim and installation kit, which is to be fitted into the ceiling once finished. Ensure correct alignment of the installation kit before final assembly (see luminaire instllation instructions for details)

IP Rating. Tested from underside of the ceiling

It is the policy of Lucent Lighting to continually review and improve its products and therefore reserve the right to change any details of product or withdraw specifications without prior notice.

Luminaires designed to comply with EN60598 and all other standards.

This specification sheet superseded all previous versions.

All intellectual property rights pertaining to the product described above and to this document are owned by or licensed to Lucent Lighting Ltd.

We reserve the right to take whatever action is necessary to protect those intellectual property rights.

Please notify Lucent Lighting Ltd of any inaccuracies immediately. E&OE

## Light efficiency:

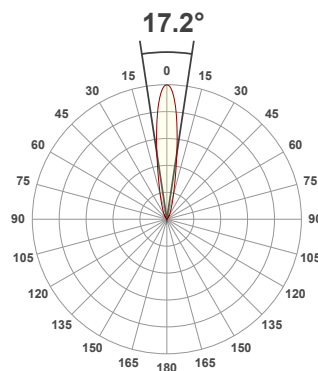
**73 Lumen/Watt**

## Light quality:

**CRI: 92.7**

## Color temperature:

**2958 K**



## Product name:

**120583-FL-LED-CC-SC-30-15-300**

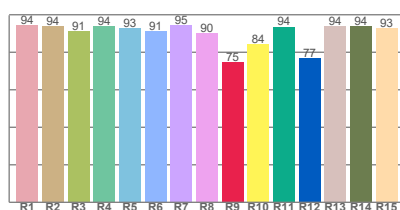
## Item number:

**Surface58 (Flare55) Accent -  
3000K 15deg 300mA**

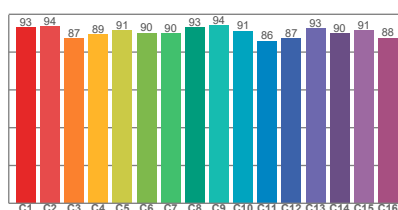
**Delivered information for above  
fixture and LED combination.**

**Output: 467 Lumen    Peak intensity: 2741 cd    Power consumption: 6.4**

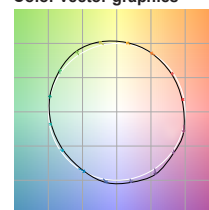
CRI R values



TM30 C Values

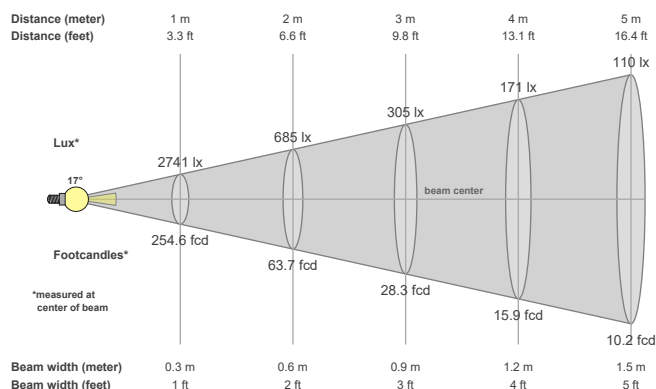


Color vector graphics



Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Color coordinate cie 1931	Color coordinate cie 1931	Color coordinate	Color coordinate	Color diviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2958 K	92.7	74.9	90.5	102.9	89.9	0.440	0.404	0.252	0.348	-0.0005

## Beam details



## Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
17.2°	41°	68°

## Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
2741 cd	98.7%	96.5%

## Beam intensities from 1-20m

1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
2741lx	685lx	305lx	171lx	110lx	76lx	56lx	43lx	34lx	27lx	23lx	19lx	16lx	14lx	12lx	11lx	9lx	8lx	8lx	7lx
254.6fcd	63.7fcd	28.3fcd	15.9fcd	10.2fcd	7.1fcd	5.2fcd	4fcd	3.1fcd	2.5fcd	2.1fcd	1.8fcd	1.5fcd	1.3fcd	1.1fcd	1fcd	0.9fcd	0.8fcd	0.7fcd	0.6fcd

The above information is for 3000K colour temperature, for specific module information please see LED spec located on our website

For information regarding other colour temperatures please use the following factors for lumen output and candelas:

2700K = 0.96

4000K = 1.04

## Light efficiency:

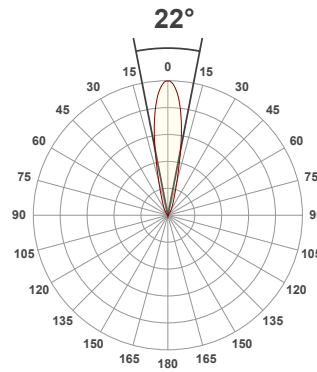
**72 Lumen/Watt**

## Light quality:

**CRI: 92.5**

## Color temperature:

**2985 K**



## Product name:

**120583-FL-LED-CC-SC-30-24-300**

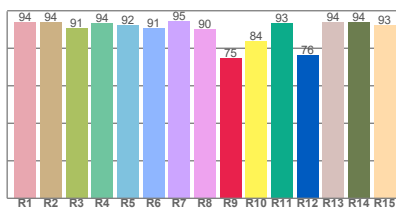
## Item number:

**Suface58 (Flare55) Accent - 3000K 24deg 300mA**

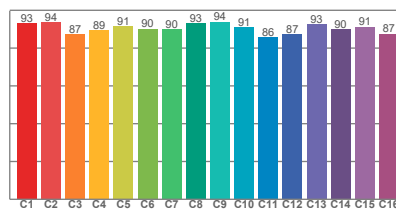
**Delivered information for above fixture and LED combination.**

**Output: 464 Lumen Peak intensity: 2100 cd Power consumption: 6.4**

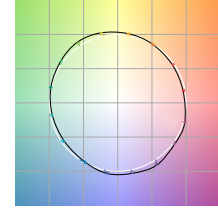
## CRI R values



## TM30 C Values

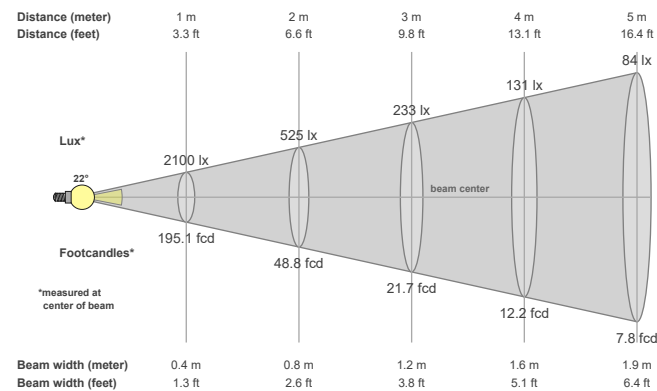


## Color vector graphics



Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Color coordinate cie 1931	Color coordinate cie 1931	Color coordinate	Color coordinate	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2985 K	92.5	74.5	90.5	102.9	89.9	0.438	0.404	0.251	0.348	-0.0002

## Beam details



## Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
22°	45.4°	72.1°

## Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
2100 cd	98.5%	96.1%

## Beam intensities from 1-20m

1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
2100lx	525lx	233lx	131lx	84lx	58lx	43lx	33lx	26lx	21lx	17lx	15lx	12lx	11lx	9lx	8lx	7lx	6lx	6lx	5lx
195.1fcd	48.8fcd	21.7fcd	12.2fcd	7.8fcd	5.4fcd	4fcd	3fcd	2.4fcd	2fcd	1.6fcd	1.4fcd	1.2fcd	1fcd	0.9fcd	0.8fcd	0.7fcd	0.6fcd	0.5fcd	0.5fcd

The above information is for 3000K colour temperature, for specific module information please see LED spec located on our website

For information regarding other colour temperatures please use the following factors for lumen output and candelas:

2700K = 0.96

4000K = 1.04

## Light efficiency:

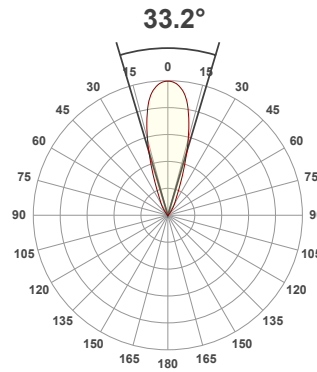
**69 Lumen/Watt**

## Light quality:

**CRI: 92.5**

## Color temperature:

**2994 K**



## Product name:

**120583-FL-LED-CC-SC-30-36-300**

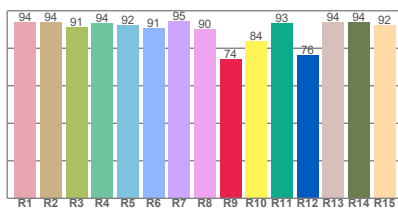
## Item number:

**Surface58 (Flare55) Accent -  
3000K 36deg 300mA**

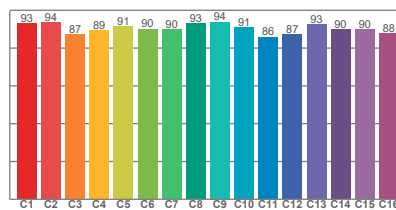
**Delivered information for above  
fixture and LED combination.**

**Output: 441 Lumen    Peak intensity: 1124 cd    Power consumption: 6.4**

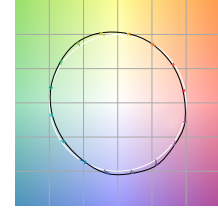
CRI R values



TM30 C Values

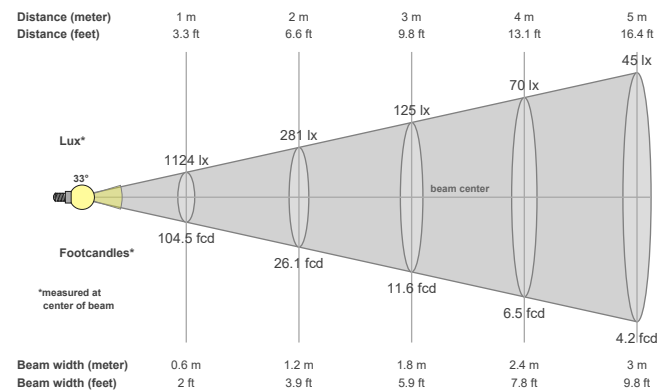


Color vector graphics



Color temperature	Color rendering index	Red component	Color fidelity	Color gamut	Color quality scale	Color coordinate cie 1931	Color coordinate cie 1931	Color coordinate	Color coordinate	Color deviation from black body
CCT	CRI	CRI R9	TM30 Rf	TM30 Rg	CQS	x	y	u	v	Δuv
2994 K	92.5	74.3	90.5	102.9	89.9	0.437	0.404	0.251	0.348	-0.0002

## Beam details



## Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
33.2°	60.2°	82.4°

## Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
1124 cd	98.0%	94.9%

## Beam intensities from 1-20m

1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
1124lx	281lx	125lx	70lx	45lx	31lx	23lx	18lx	14lx	11lx	9lx	8lx	7lx	6lx	5lx	4lx	4lx	3lx	3lx	3lx
104.5fcd	26.1fcd	11.6fcd	6.5fcd	4.2fcd	2.9fcd	2.1fcd	1.6fcd	1.3fcd	1fcd	0.9fcd	0.7fcd	0.6fcd	0.5fcd	0.5fcd	0.4fcd	0.4fcd	0.3fcd	0.3fcd	0.3fcd

The above information is for 3000K colour temperature, for specific module information please see LED spec located on our website

For information regarding other colour temperatures please use the following factors for lumen output and candelas:

2700K = 0.96

4000K = 1.04