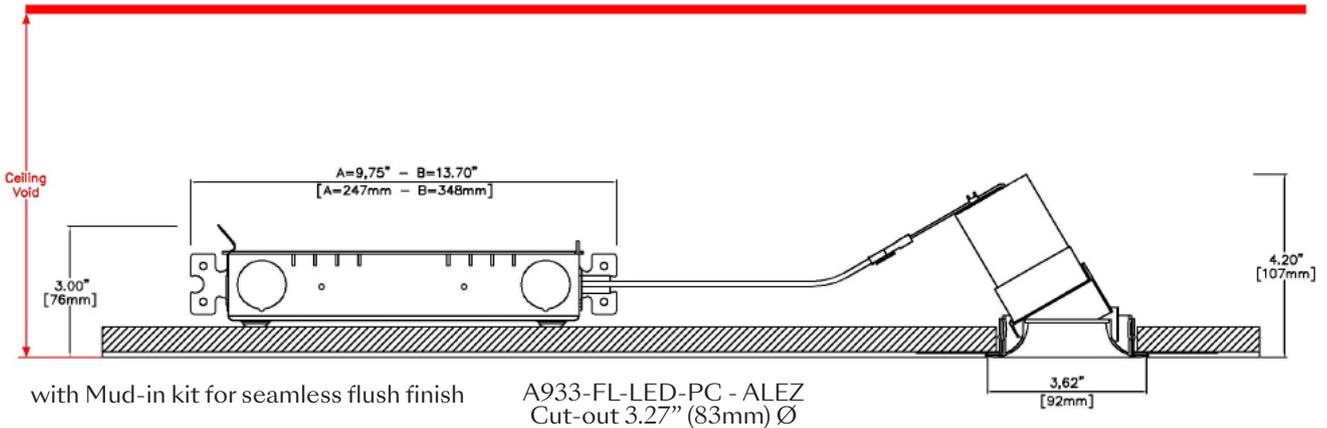
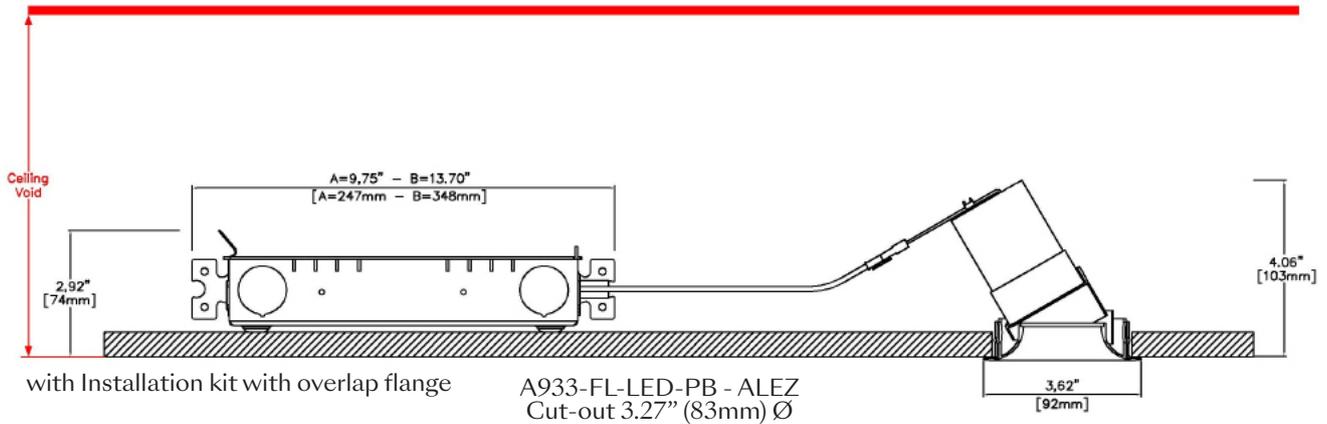


EasyFit Flare90 Accent



3.62" (92mm) overall diameter. 360° rotation. Up to 30° tilt.
 Available with a separate installation kit with overlap flange or mud-in kit for seamless flush finish. Adjustable version available.
 Supplied with a remote driver box and a plug and play tethered power supply. Also for mounting to T-Bar on grid ceilings.



LED Source	LED51/2	LED51/2	LED51/2	LED51/2	LED51/U	LED51/U	LED51/U	LED51/U
CCT	3000K							
Drive Current	350mA							
Power inc Driver	13.6W							
Beam Angle	12°	24°	38°	55°	12°	24°	38°	55°
Delivered Lumens	871	925	1031	1141	782	768	911	926
Delivered Intensisty cd	11216	4159	2650	1338	10454	4053	2271	1052
Efficacy lm/w	64	68	76	84	58	57	67	68
Forward Volt	33V							
CRI	≥90 CRI	≥90 CRI	≥90 CRI	≥90 CRI	≥98 CRI	≥98 CRI	≥98 CRI	≥98 CRI

Ceiling void minimum depth: Driver box A - 11.00" (280mm) / Driver box B - 14.96" (380mm)

Project Ref: _____

Location Ref: _____

Specify fixture part number (All boxes must be filled in to correctly order)

A933-FL-LED								ALEZ			
-------------	--	--	--	--	--	--	--	------	--	--	--

Installation _____

- PB** Installation kit with overlap flange
- PC** Mud-in kit for seamless flush finish

Finish _____

- WH** White
- BK** Black
- RAL** Custom*

Location _____

- XX** Dry
- DP** Damp
- WT** Wet

Ceiling Thickness _____

- SC** Standard Ceiling (1/2"-5/8"-3/4")
- C** Custom

LED Type _____

- LED51/2** LED51/2 (90CRI)
- LED51/U** LED51/U (98CRI - Not available with 4000K)

CCT _____

- 27** 2700K
- 30** 3000K
- 35** 3500K
- 40** 4000K (90 CRI ONLY)

Beam Angles _____

- 12** 12
- 24** 24
- 38** 38
- 55** 55

EasyFit _____

- ALEZ** Lucent EasyFit

Supply Voltage _____

- 120** 120V
- 277** 277V

Dimming Protocol _____

- S** Non-Dimmable (Driver Box A - 9.75")
- P** TRIAC/Phase (120V ONLY) (Driver Box A - 9.75")
- LPE** Lutron Hi-Lume Premier 0.1% EcoSystem (Driver Box A - 9.75")
- A** Analog (0-10V) (Driver Box A - 9.75")
- ESD** EldoLED Solo DALI (0.1% Dimming) (Driver Box B - 13.70")
- EED** EldoLED Eco DALI (1% Dimming) (Driver Box B - 13.70")
- ESA** EldoLED Solo Analog (0-10V) (0.1% Dimming) (Driver Box B - 13.70")
- EEA** EldoLED Eco Analog (0-10V) (1% Dimming) (Driver Box B - 13.70")

Louvre/Lens _____

- XX** Not required
- LL45** Honeycomb
- LLCC** Warm Tone
- LLUV** UV
- LLDF** Solite/Diffusing
- LLFR** Frosted Lens
- LLLS** Linear Spread
- LLHS** Heavy Spread

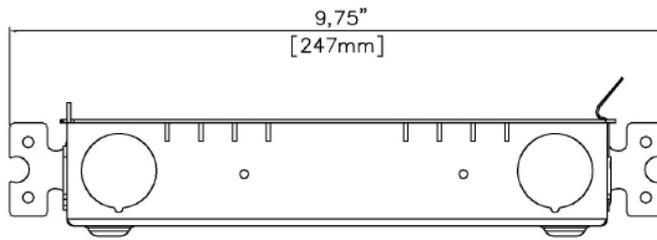
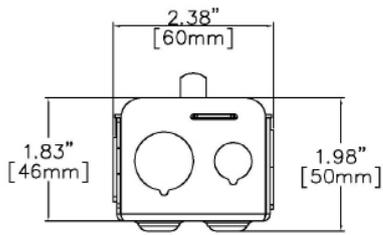


NIC - No contact with insulation

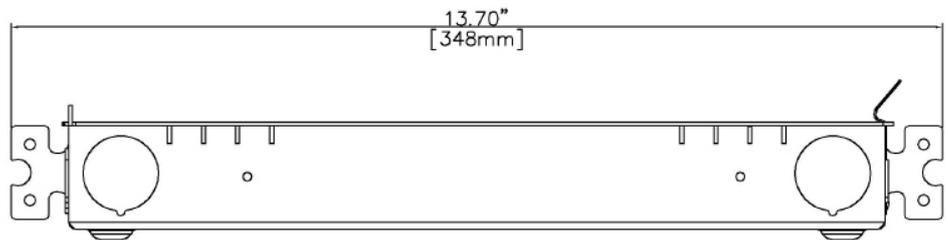
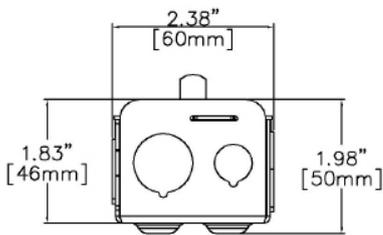
Ceiling void minimum depth: Driver box A - 11.00" (280mm) / Driver box B - 14.96" (380mm)

Driver Boxes

Driver Box A



Driver Box B

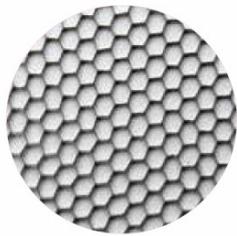


Installation kit with overlap flange



Mud-in kit for seamless flush finish

Ceiling void minimum depth: Driver box A - 11.00" (280mm) / Driver box B - 14.96" (380mm)



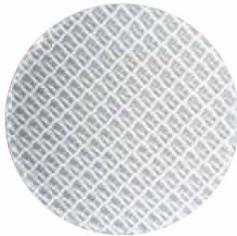
Honeycomb Louvre (LL45)



Solite/Diffusing Lens (LLDF)



Frosted Lens (LLFR)



Heavy Spread Lens (LLHS)



Linear Spread Lens (LLLS)



Warm Tone (LLCC)

.....
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.

^ 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 installation instructions for details)

Location. 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.

This specification sheet supersedes all previous versions.

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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

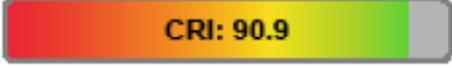
.....



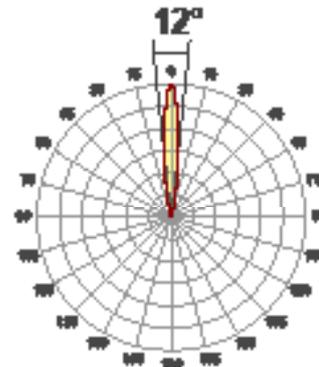
Light efficiency:



Light quality:



Color temperature:



Product name:

Flare90 Fixed/Accent - LED50 ONE GEN2, 3000K, 12°, 350mA

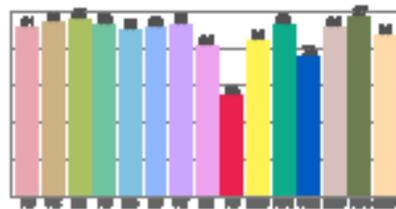
Part number:

930/933-FL - LED51/2-30-12-350mA

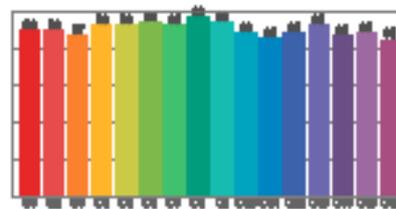
Delivered information for above fixture and LED combination.

Output: 871 Lumen Peak intensity: 11216 cd Power consumption: 13.6

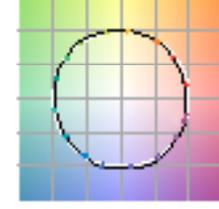
CRI values



TM30-O Values

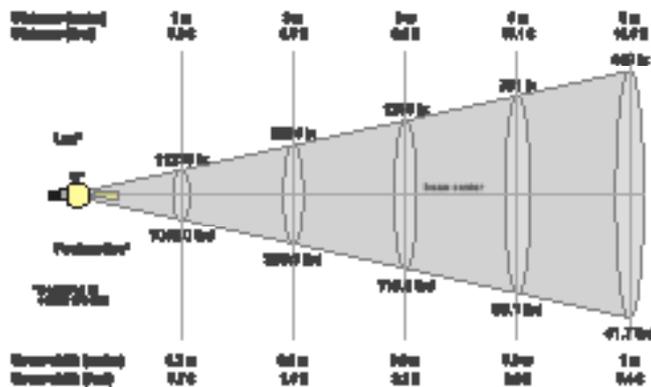


Color vector graphics



| Color vector |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| CCT | CRI | CRI Ra | TM30 Rf | TM30 Rg | CRI | x | y | u | v | Zen |
| 3000 K | 90.9 | 84.8 | 79.8 | 89.5 | 90.9 | 0.437 | 0.404 | 0.268 | 0.248 | 0.8976 |

Beam data



Beam specs

Beam angle 50%	Field angle 50%	Cutoff angle 2.0%
12°	26.4°	37.7°

Beam Intensity

Peak intensity	Int. ratio to 125° angle	Int. ratio to 60° angle
11216 cd	81.5%	81.5%

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
11216lx	2804lx	1246lx	701lx	449lx	312lx	229lx	175lx	138lx	112lx	93lx	78lx	66lx	57lx	50lx	44lx	39lx	35lx	31lx	28lx
10421cd	260.5cd	115.8cd	65.1cd	41.7cd	28.9cd	21.3cd	16.3cd	12.9cd	10.4cd	8.6cd	7.2cd	6.2cd	5.3cd	4.6cd	4.1cd	3.6cd	3.2cd	2.9cd	2.6cd

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 = 1
- 3500K = 1
- 4000K = 1.084

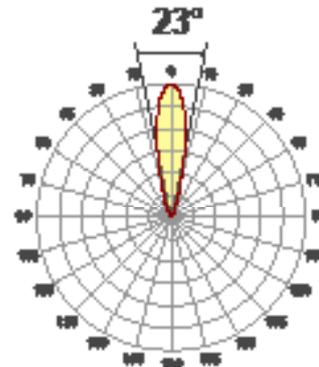
Light efficiency:



Light quality:



Color temperature:



Product name:

Flare90 Fixed/Accent - LED50 ONE GEN2, 3000K, 24°, 350mA

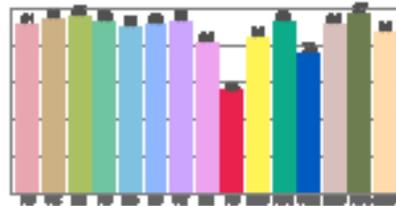
Item number:

930/933-FL - LED51/2-30-24-350mA

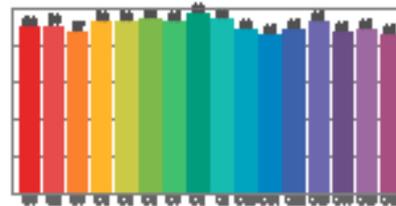
Delivered information for above fixture and LED combination.

Output: 325 Lumen Peak intensity: 4159 cd Power consumption: 13.6

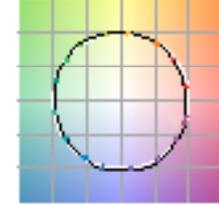
CRI R values



TM30 O Values

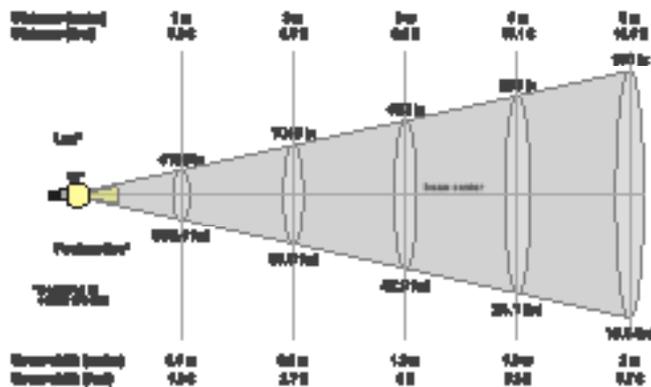


Color vector graphics



| Color vector |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| OCT | CRI | CRI RA | TM30 Rf | TM30 Rg | CQS | x | y | u | v | Zen |
| 3000 K | 90.9 | 66.8 | 79.8 | 89.5 | 88.8 | 0.437 | 0.404 | 0.268 | 0.248 | 0.8977 |

Beam data



Beam specs

Beam angle 50%	Field angle 50%	Cutoff angle 2.0%
23°	49°	88.4°

Beam intensities

Peak intensity	Int. ratio to 125° angle	Int. ratio to 60° angle
4159 cd	88.3%	86.1%

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
4159lx	1040lx	462lx	260lx	166lx	116lx	85lx	65lx	51lx	42lx	34lx	29lx	25lx	21lx	18lx	16lx	14lx	13lx	12lx	10lx
386.4cd	96.6cd	42.9cd	24.1cd	15.5cd	10.7cd	7.9cd	6fcd	4.8fcd	3.9fcd	3.2fcd	2.7fcd	2.3fcd	2fcd	1.7fcd	1.5fcd	1.3fcd	1.2fcd	1.1fcd	1fcd

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

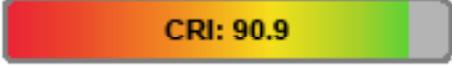
For information regarding other colour temperatures please use the following factors for lumen output and candelas:

- 2700K = 1
- 3500K = 1
- 4000K = 1.084

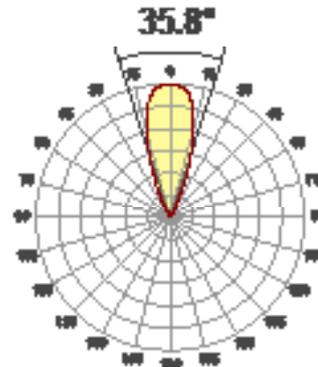
Light efficiency:



Light quality:



Color temperature:



Product name:

Flare90 Fixed/Accent - LED50 ONE GEN2, 3000K, 38°, 350mA

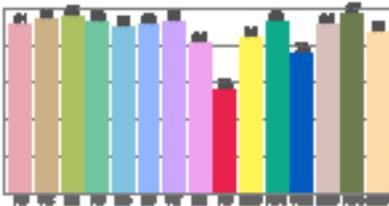
Item number:

930/933-FL - LED51/2-30-38-350mA

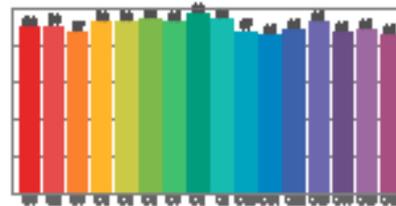
Delivered information for above fixture and LED combination.

Output: 1031 Lumen Peak intensity: 2650 cd Power consumption: 13.6

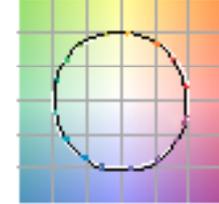
CRI values



TM30-0 Values

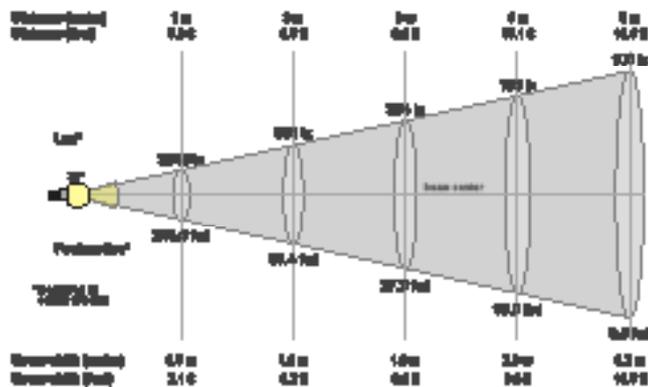


Color vector graphics



Color vector	Color vector	Reference	Color vector							
OCT	CFS	CFS RB	TM30-0T	TM30-0Rg	CQS	x	y	u	v	Zen
3000 K	90.9	66.1	90.8	89.8	90.8	0.437	0.404	0.248	0.248	0.0076

Beam details



Beam spread

Beam angle 50%	Field angle 50%	Cutoff angle 2.0%
35.8°	64.2°	73.2°

Beam intensity

Peak intensity	Int. ratio to 125° angle	Int. ratio to 64° angle
2650 cd	81.6%	81.6%

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
2643lx	661lx	294lx	165lx	106lx	73lx	54lx	41lx	33lx	26lx	22lx	18lx	16lx	13lx	12lx	10lx	9lx	8lx	7lx	7lx
245.5fc d	61.4fc d	27.3fc d	15.3fc d	9.8fc d	6.8fc d	5fc d	3.8fc d	3fc d	2.5fc d	2fc d	1.7fc d	1.5fc d	1.3fc d	1.1fc d	1fc d	0.8fc d	0.8fc d	0.7fc d	0.6fc d

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 = 1
- 3500K = 1
- 4000K = 1.084

Light efficiency:

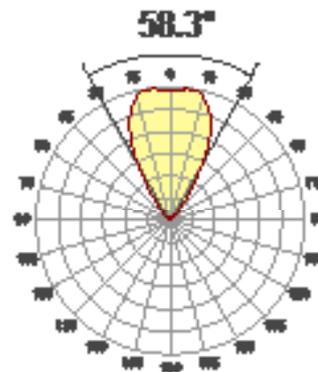
84 Lumen/Watt

Light quality:

CRI: 92.2

Color temperature:

3000 K



Product name:

Flare90 Fixed/Accent - LED50 ONE GEN2, 3000K, 55°, 350mA

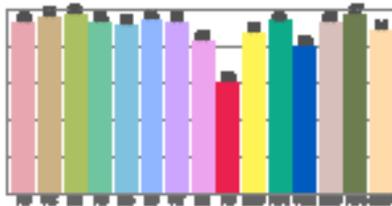
Part number:

930/933-FL - LED51/2-30-55-350mA

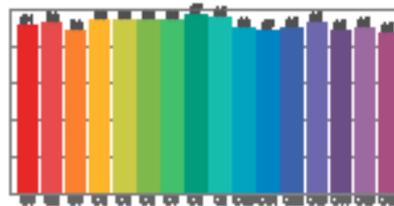
Delivered information for above fixture and LED combination.

Output: 1141 Lumen Peak intensity: 1338 cd Power consumption: 13.6

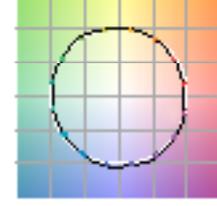
CRI values



TM30 C Values

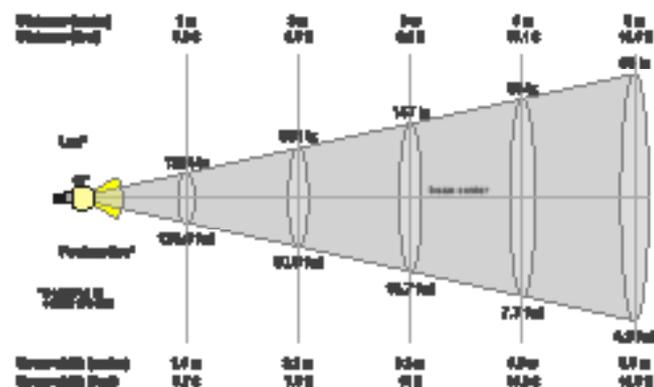


Colorvector graphic



Colorvector	Colorvector TM30	Red-render	Colorshift	Green-shift	Blue-shift	Colorvector TM30	Colorvector TM30	Colorvector TM30	Colorvector TM30	Colorvector TM30
CCT	CRI	CRI RB	TM30 Rf	TM30 Rg	CRI	x	y	u	v	Zenith
3000 K	92.2	92.2	91.4	100.2	91.3	0.437	0.404	0.248	0.247	0.0003

Beam data



Beam specs

Beam angle 50%	Field angle 50%	Cutoff angle 2.0%
58.3°	19°	92.4°

Beam intensities

Peak intensity	Int. ratio to 120° cone	Int. ratio to 60° cone
1338 cd	91.7%	87.8%

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
1324lx	331lx	147lx	83lx	53lx	37lx	27lx	21lx	16lx	13lx	11lx	9lx	8lx	7lx	6lx	5lx	5lx	4lx	4lx	3lx
123fcd	30.8fcd	13.7fcd	7.7fcd	4.9fcd	3.4fcd	2.5fcd	1.9fcd	1.5fcd	1.2fcd	1fcd	0.9fcd	0.7fcd	0.6fcd	0.5fcd	0.5fcd	0.4fcd	0.4fcd	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 = 1

3500K = 1

4000K = 1.084

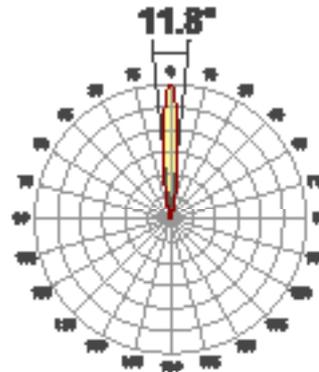
Light efficiency:



Light quality:



Color temperature:



Product name:

930_933-FL-LED - LED51_U-30-12-350mA

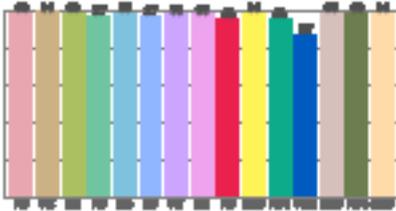
Item number:

Flare90 Fixed_Accent - LED51_U-30-12-350mA

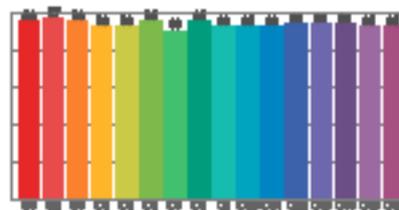
Delivered information for above fixture and LED combination.

Output: 782 Lumen Peak intensity: 10454 cd Power consumption: 13.6

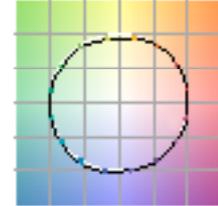
CRI R values



TMC C Values

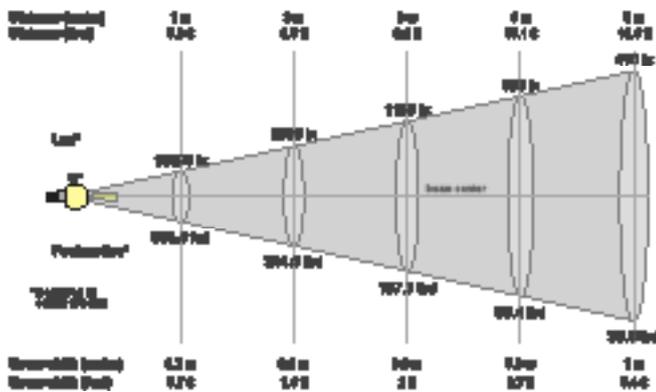


Color vector graphic



Color vector	Chrysochloris (nm)	Red (nm)	Green (nm)	Blue (nm)	Cyan (nm)	Violet (nm)	Color vector (x)	Color vector (y)	Color vector (u)	Color vector (v)	Color vector (Z)
OCT	620	620	520	450	450	450	X	Y	U	V	Z
3000K	97.8	98.8	93.8	93.8	93.8	93.8	0.437	0.404	0.248	0.248	0.000

Beam data



Beam angle

Beam angle 50%	Field angle 95%	Cutoff angle 2.0%
11.8°	35.2°	3.0°

Beam intensity

Peak intensity	Int. ratio to 120° angle	Int. ratio to 60° angle
10454 cd	88.8%	88.8%

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
10396lx	2599lx	1155lx	650lx	416lx	289lx	212lx	162lx	128lx	104lx	86lx	72lx	62lx	53lx	46lx	41lx	36lx	32lx	29lx	26lx
965.8cd	241.5cd	107.3cd	60.4cd	38.6cd	26.8cd	19.7cd	15.1cd	11.9cd	9.7cd	8cd	6.7cd	5.7cd	4.9cd	4.3cd	3.8cd	3.3cd	3cd	2.7cd	2.4cd

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 = 1

Light efficiency:

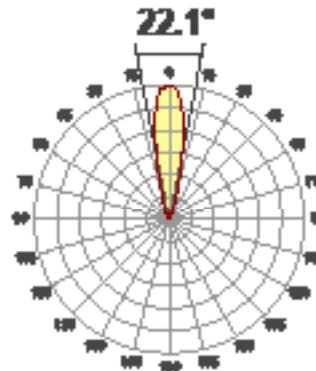
57 Lumen/Watt

Light quality:

CRI: 97.7

Color temperature:

3000 K



Product name:

930_933-FL-LED - LED51_U-30-24-350mA

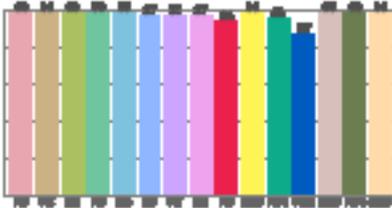
Item number:

Flare90 Fixed_Accent - LED51_U-30-24-350mA

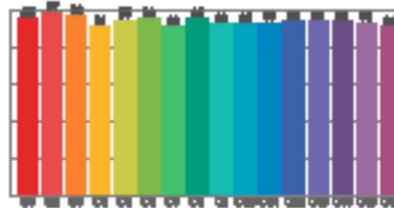
Delivered information for above fixture and LED combination.

Output: 768 Lumen Peak intensity: 4053 cd Power consumption: 13.6

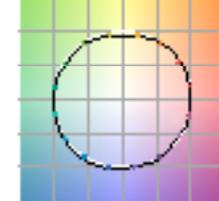
CRI R values



TM30 C Values

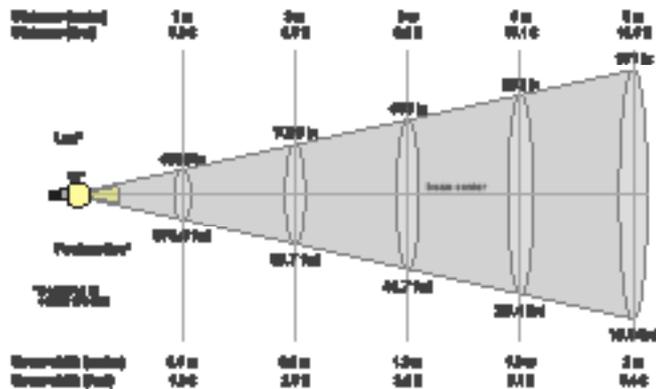


Color vector graphic



Color viewer	Color checker chart	Reference	Color shift	Color cast	Color shift (x)	Color shift (y)	Color shift (z)	Color shift (x)	Color shift (y)	Color shift (z)
OCT	C50	C50 RD	TM30 R7	TM30 P9	C50	x	y	z	x	y
3000 K	97.7	94.5	95.8	95.9	96.2	0.437	0.404	0.261	0.348	0.199

Beam sizes



Beam sizes

Beam angle 50%	Field angle 50%	Cutoff angle 2.0%
22.1°	29.7°	95.2°

Beam intensities

Peak intensity	Int. ratio to 120° cone	Int. ratio to 60° cone
4053 cd	95.8%	95.4%

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
4036lx	1009lx	448lx	252lx	161lx	112lx	82lx	63lx	50lx	40lx	33lx	28lx	24lx	21lx	18lx	16lx	14lx	12lx	11lx	10lx
375fcd	93.7fcd	41.7fcd	23.4fcd	15fcd	10.4fcd	7.7fcd	5.9fcd	4.6fcd	3.7fcd	3.1fcd	2.6fcd	2.2fcd	1.9fcd	1.7fcd	1.5fcd	1.3fcd	1.2fcd	1fcd	0.9fcd

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 = 1

Light efficiency:

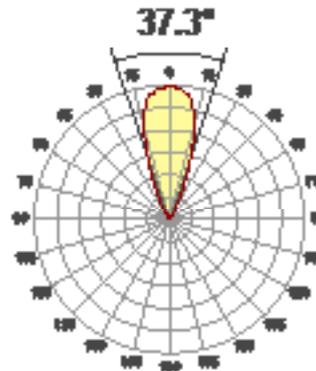
67 Lumen/Watt

Light quality:

CRI: 98.0

Color temperature:

3000 K



Product name:

930_933-FL-LED - LED51_U-30-38-350mA

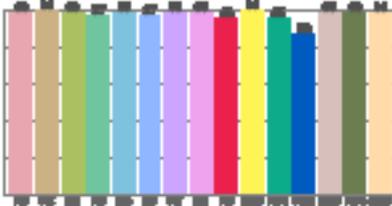
Item number:

Flare90 Fixed_Accent - LED51_U-30-38-350mA

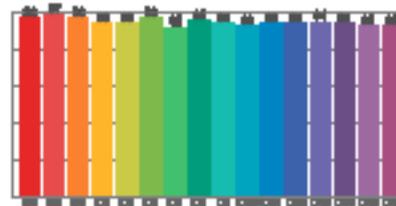
Delivered information for above fixture and LED combination.

Output: 911 Lumen Peak intensity: 2271 cd Power consumption: 13.6

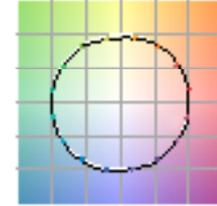
CRI values



TM30 C Values

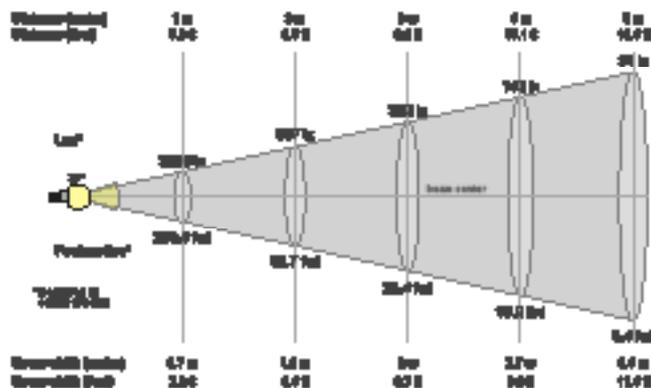


Color vector graphic



| Color vector |
|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| OCT | CFS | CFS RB | TM30 R7 | TM30 Rg | CQS | X | Y | u | v | Sum |
| 3000 K | 98.0 | 98.0 | 94.2 | 99.3 | 96.3 | 0.437 | 0.404 | 0.262 | 0.348 | 0.9913 |

Beam data



Beam angle

Beam angle 50%	Field angle 95%	Cutoff angle 2.0%
37.3°	64.4°	7°

Beam Intensity

Peak Intensity	Int. ratio to 120° cone	Int. ratio to 60° cone
2271 cd	98.2%	87.3%

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
2269lx	567lx	252lx	142lx	91lx	63lx	46lx	35lx	28lx	23lx	19lx	16lx	13lx	12lx	10lx	9lx	8lx	7lx	6lx	6lx
210.8fc d	52.7fc d	23.4fc d	13.2fc d	8.4fc d	5.9fc d	4.3fc d	3.3fc d	2.6fc d	2.1fc d	1.7fc d	1.5fc d	1.2fc d	1.1fc d	0.9fc d	0.8fc d	0.7fc d	0.7fc d	0.6fc d	0.5fc d

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 = 1

Light efficiency:

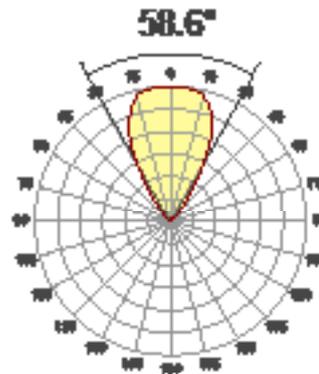
68 Lumen/Watt

Light quality:

CRI: 98.0

Color temperature:

3000 K



Product name:

930_933-FL-LED - LED51-U-30-55-350mA

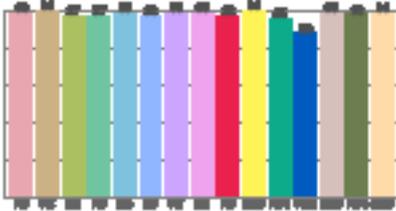
Item number:

Flare90 Fixed_Accent - LED51-U-30-55-350mA

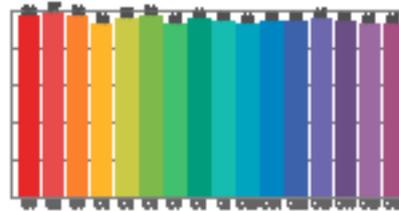
Delivered information for above fixture and LED combination.

Output: 526 Lumen Peak intensity: 1052 cd Power consumption: 13.6

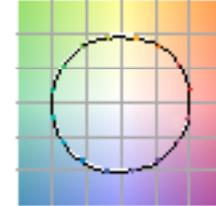
CRI R values



TM30 C Values



Color vector graphics



Colorimetric	Colorimetric	Reference	Colorimetric							
CCT	CRI	CRI Ra	TM30 Ra	TM30 Rg	CRI2	x	y	u	v	TM30 Rf
3000 K	98.0	98.2	94.3	98.4	96.3	0.437	0.404	0.258	0.340	0.9984

Beam details

