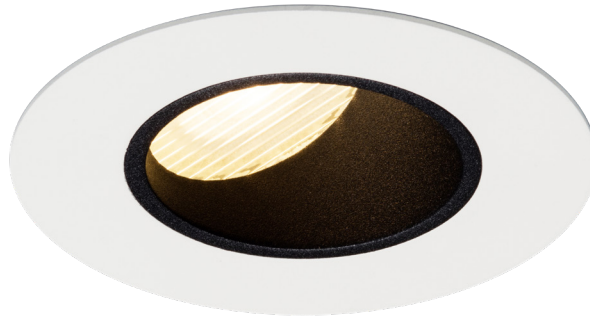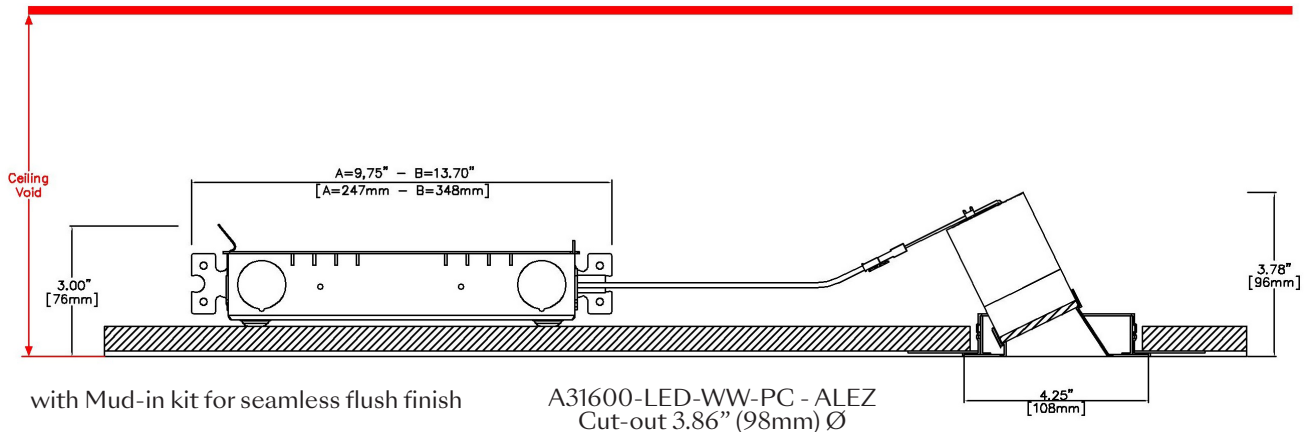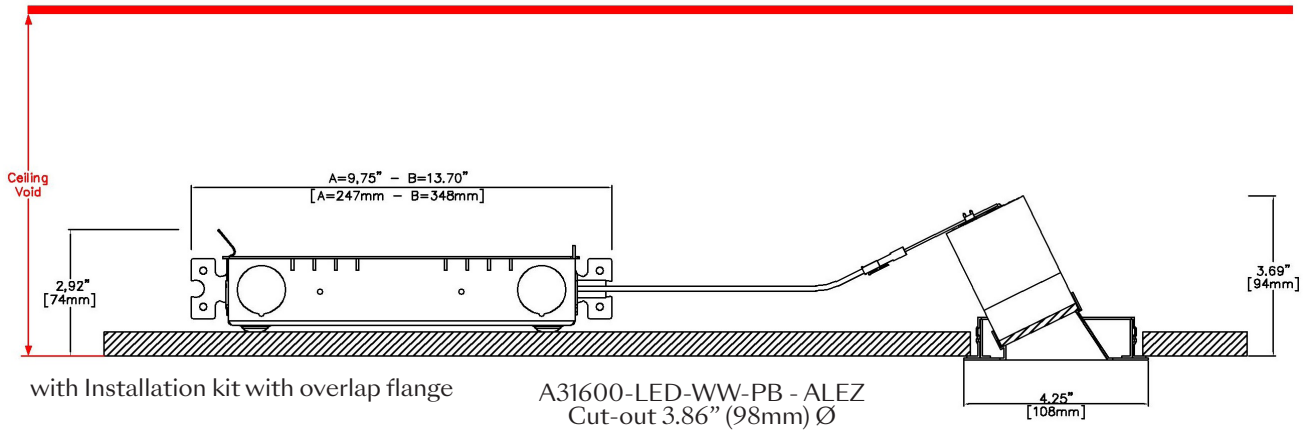# EasyFit Duo Wallwash

4.25" (108mm) overall diameter. Available with a
seperate installation kit with overlap flange or mud-in kit for
seamless flush finish. Fixed and 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.

Ceiling Void

A=9,75" – B=13.70"
[A=247mm – B=348mm]

2,92"
[74mm]

3.69"
[94mm]

with Installation kit with overlap flange

A31600-LED-WW-PB - ALEZ
Cut-out 3.86" (98mm) Ø

4.25"
[108mm]

Ceiling Void

A=9,75" – B=13.70"
[A=247mm – B=348mm]

3.00"
[76mm]

3.78"
[96mm]

with Mud-in kit for seamless flush finish

A31600-LED-WW-PC - ALEZ
Cut-out 3.86" (98mm) Ø

4.25"
[108mm]

LED Source	LED51/2	LED51/U
CCT	3000K	3000K
Drive Current	350mA	350mA
Power inc Driver	13.6W	13.6W
Beam Angle	38°	38°
Delivered Lumens	632	475
Delivered Intensisty cd	948	763
Efficacy lm/w	46	35
Forward Volt	33V	33V
CRI	≥90 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)

| A31600-LED-WW | | | | | | | | 38 | 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
38   38

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
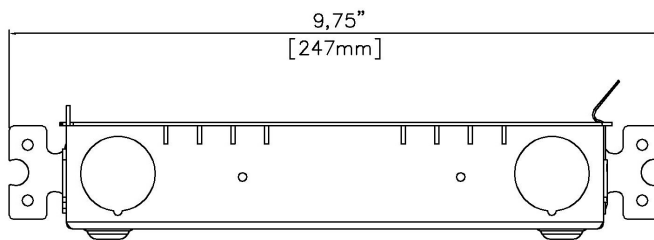**LLFR**   Frosted Lens
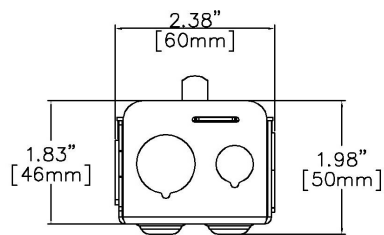**LLLS**   Linear Spread
LLHS   Heavy Spread

NIC - No contact with insulation
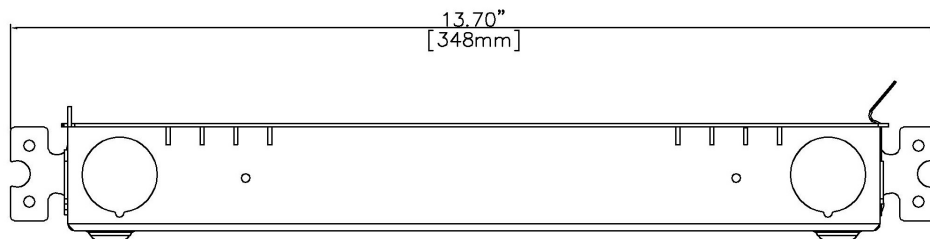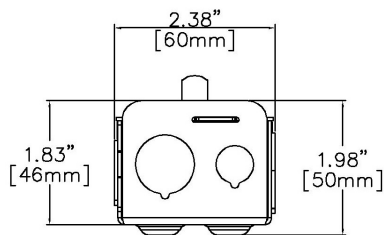
Ceiling void minimum depth: Driver box A - 11.00" (280mm) / Driver box B - 14.96" (380mm)

Driver Boxes

Driver Box A

2.38"
[60mm]

1.83"
[46mm]

1.98"
[50mm]

9,75"
[247mm]

Driver Box B

2.38"
[60mm]

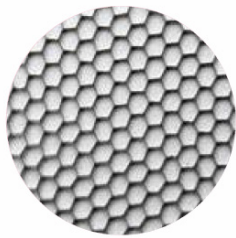1.83"
[46mm]

1.98"
[50mm]

13.70"
[348mm]

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)
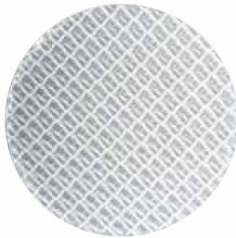
Honeycomb Louvre (LL45)

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 instllation 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 supersededs 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.

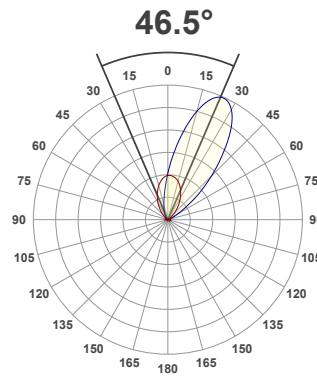Please notify Lucent Lighting Ltd of any inaccuracies immediately. E&OE

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Light efficiency:

46 Lumen/Watt

Light quality:

CRI: 90.1

Color temperature:

3000 K

46.5°

Product name:

Duo Wallwash - LED50 ONE GEN2, 3000K, 38°, 350mA

Item number:

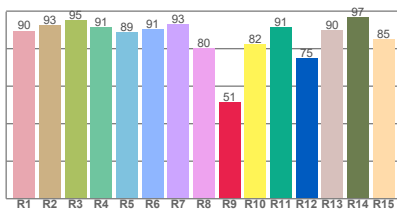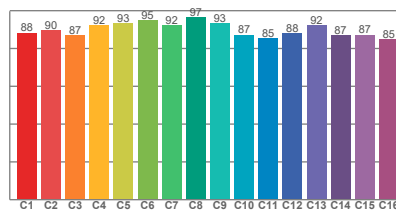**31600-WW - LED51/2-30-38-350mA**

Delivered information for above fixture and LED combination.

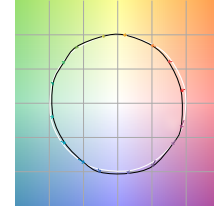**Output: 632 Lumen   Peak intensity: 948 cd   Power consumption: 13.6**
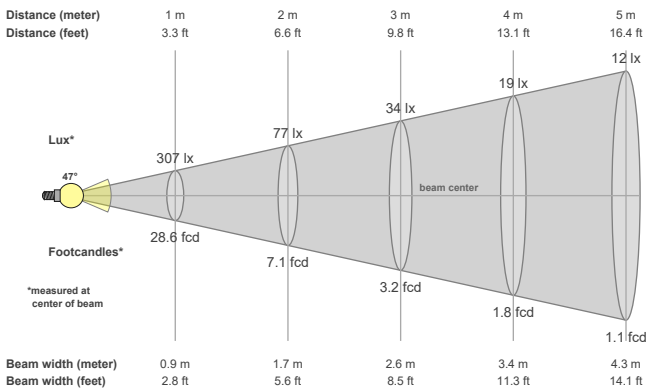
CRI R values

90	93	95	91	89	91	93	80	51	82	91	75	90	97	85
R1	R2	R3	R4	R5	R6	R7	R8	R9	R10	R11	R12	R13	R14	R15

TM30 C Values

88	90	87	92	93	95	92	97	93	87	85	88	92	87	87	85
C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16

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
3000 K	90.1	51.3	89.9	98.7	89.6	0.437	0.404	0.249	0.350	0.0030

Beam details

Distance (meter)	1 m	2 m	3 m	4 m	5 m
Distance (feet)	3.3 ft	6.6 ft	9.8 ft	13.1 ft	16.4 ft

47°

Lux*: 307 lx, 77 lx, 34 lx, 19 lx, 12 lx

beam center

Footcandles*: 28.6 fcd, 7.1 fcd, 3.2 fcd, 1.8 fcd, 1.1 fcd

*measured at center of beam

Beam width (meter)	0.9 m	1.7 m	2.6 m	3.4 m	4.3 m
Beam width (feet)	2.8 ft	5.6 ft	8.5 ft	11.3 ft	14.1 ft

Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
46.5°	87.1°	112.2°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
948 cd	97.4%	81.4%

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
307lx	77lx	34lx	19lx	12lx	9lx	6lx	5lx	4lx	3lx	3lx	2lx	2lx	2lx	1lx	1lx	1lx	1lx	1lx	1lx
28.6fcd	7.1fcd	3.2fcd	1.8fcd	1.1fcd	0.8fcd	0.6fcd	0.4fcd	0.4fcd	0.3fcd	0.2fcd	0.2fcd	0.2fcd	0.1fcd	0.1fcd	0.1fcd	0.1fcd	0.1fcd	0.1fcd	0.1fcd

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:
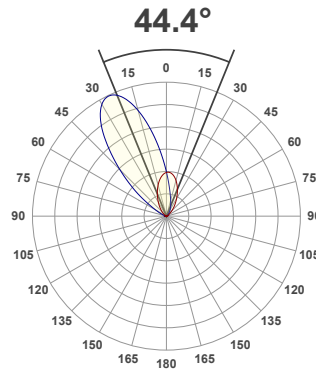
2700K = 1
4000K = 1.084

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Light efficiency:

| 35 Lumen/Watt |

Light quality:

| CRI: 97.9 |

Color temperature:

| 3000 K |

44.4°
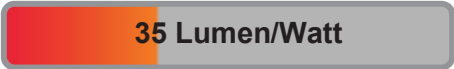
Product name:
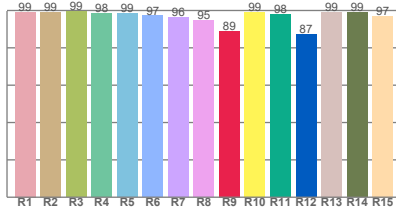**31600-LED-WW - LED51_U-30-38-350mA**

Item number:
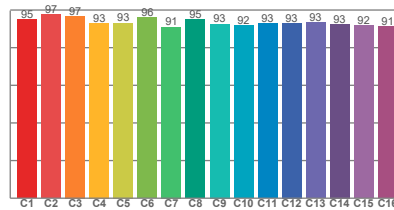**Duo Wallwash - LED51_U-30-38-350mA**

Delivered information for above fixture and LED combination.

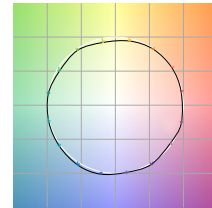**Output: 475 Lumen**   **Peak intensity: 763 cd**   **Power consumption: 13.6**

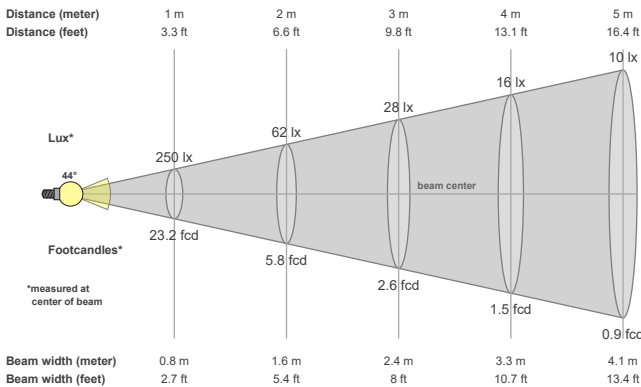**CRI R values**

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
3000 K	97.9	89.1	93.7	98.5	95.2	0.437	0.404	0.248	0.348	0.0009

Beam details

| Distance (meter) | 1 m | 2 m | 3 m | 4 m | 5 m |
| Distance (feet) | 3.3 ft | 6.6 ft | 9.8 ft | 13.1 ft | 16.4 ft |

10 lx
16 lx
28 lx
62 lx
250 lx

Lux*

44°

Footcandles*

23.2 fcd
5.8 fcd
2.6 fcd
1.5 fcd
0.9 fcd

beam center

*measured at center of beam

| Beam width (meter) | 0.8 m | 1.6 m | 2.4 m | 3.3 m | 4.1 m |
| Beam width (feet) | 2.7 ft | 5.4 ft | 8 ft | 10.7 ft | 13.4 ft |

Beam angels

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
44.4°	89.5°	116.2°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
763 cd	97.2%	82.1%

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
250lx	62lx	28lx	16lx	10lx	7lx	5lx	4lx	3lx	2lx	2lx	2lx	1lx	1lx	1lx	1lx	1lx	1lx	1lx	1lx
23.2fcd	5.8fcd	2.6fcd	1.5fcd	0.9fcd	0.6fcd	0.5fcd	0.4fcd	0.3fcd	0.2fcd	0.2fcd	0.2fcd	0.1fcd	0.1fcd	0.1fcd	0.1fcd	0.1fcd	0.1fcd	0.1fcd	0.1fcd

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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