

Project

Type



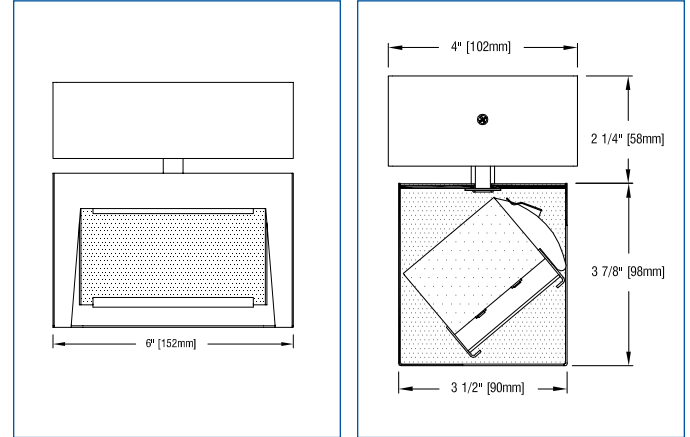
Date

Product Code

Designer

STACKLITE CZE-OBM

surface mounted LED wallwasher



cross-section

Stacklite CZE-OBM is a compact, surface mounted LED track wall-washer that provides uniform illumination on vertical surfaces. Fixture is powered by three Citizen chip-on-board LED modules providing white light within a 2-step MacAdam ellipse chromaticity range. See tables on reverse for wattages and efficacies.

- Fixture is designed for mounting on a 3 1/2" or 4" octagonal outlet box (by others).
- The driver case is fixed in position as attached to the outlet box above. The fixture housing below may be rotated 360° in the horizontal plane by means of a concealed swivel.
- LED mounting assembly pivots vertically as much as 60° within fixture housing to adjust wallwash distribution as required. The pivot point is permanently tensioned, allowing the assembly to remain fixed at the desired angle. 'Protractor' marks indicate the degree of adjustment and simplify the setting of a row of fixtures. A highly efficient (87-92%) plastic diffuser obscures views into the fixture housing.
- Standard finish is matte white; also available in black and Industrial Silver matte paint finishes.
- For more information, [click here](#).

APPLICATIONS

Fixture is suitable for wallwashing in museums, galleries, showrooms, lobbies, public spaces, residences, offices and retail stores. The use of matte wall finishes is recommended to avoid specular reflections.

Fixture is listed for Damp Location mounting on a standard 3 1/2" or 4" octagonal outlet box (by others).

PRODUCT CODE

For complete product code, list basic unit and select one item from each following box.

Basic Unit STK-CZE-OB

Finish

white paint finish..... - WH
 black paint finish..... - BL
 Industrial Silver paint finish - SI
 custom color paint finish: provide physical chip with order - CC

Light Source Output (Lumens)

1400 lumens / CRI 97 not available with 50K..... - L14A
 2000 lumens not available with 50K - L20A
 2700 lumens not available with 50K..... - L27A
 3100 lumens not available with 50K - L31A
 1800 lumens / CRI 80 - L18S
 2600 lumens - L26S
 3600 lumens - L36S
 4100 lumens - L41S

Driver

dimmable to 5% with either incandescent or ELV dimmer
 on 120-volt service only - DMP
 dimmable to 1% with a 0-10V dimmer on 120-volt or
 277-volt service - DMV
 dimmable to 1% by a Lutron® incandescent dimmer on 120-volt or
 277-volt service - DMI-LU

Light Color

2700K - 27K
 3000K - 30K
 3500K - 35K
 4000K - 40K
 5000K not available with CRI 97..... - 50K




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LED 0-260 1:20

STACKLITE CZE-OBM

PHOTOMETRIC REPORT

 Verification Services Report No. 13180957.01. Original test report furnished upon request.

Luminaire surface-mounted LED wallwasher with light diffuser cover

Lamp Citizen CITED 9.8mm LES LEDs, 3100 lumens, 3000K, 97 CRI.

Lamp Life rated 50,000 hours based on L70/B50 criteria. LM80 report by LED manufacturer furnished upon request.

WALLWASH INFORMATION (based on 3100 lumens 97 CRI)

Distance From Ceiling (Feet)	3'-6" From Wall; 3'-6" O.C		4' From Wall; 4' O.C	
	Below Fixture	Between Fixtures	Below Fixture	Between Fixtures
1	36	32	27	24
2	48	41	35	30
3	46	44	37	34
4	37	38	32	32
5	29	29	26	26
6	22	22	21	21
7	17	17	16	16
8	13	13	13	13
9	10	10	10	10
10	8	8	8	8
11	6	6	7	6
12	5	5	5	5
13			4	4

This table lists initial illuminance values at the center of a row of 5 fixtures with no contribution from ceiling or floor reflectance.

WALLWASH INFORMATION (based on 4100 lumens 80 CRI)

Distance From Ceiling (Feet)	4'-6" From Wall; 4'-6" O.C		5' From Wall; 5' O.C	
	Below Fixture	Between Fixtures	Below Fixture	Between Fixtures
1	28	25	22	20
2	35	30	27	23
3	39	35	32	27
4	36	35	31	29
5	31	31	27	27
6	25	25	23	23
7	21	21	19	19
8	17	17	16	16
9	13	13	13	12
10	11	11	11	11
11	9	9	9	9
12	7	7	8	7
13	6	6	6	6
14	5	5	5	5
15			4	4

This table lists initial illuminance values at the center of a row of 5 fixtures with no contribution from ceiling or floor reflectance.

LUMINAIRE LIGHT OUTPUT AND EFFICACY

LED Module Type	Luminaire Light Output	Luminaire Efficacy (lms/watt)	System Wattage
L31A (3100 Lumens 97 CRI)	1586	55	30
L27A (2700 Lumens 97 CRI)	1380*	53*	26
L20A (2000 Lumens 97 CRI)	1031*	55*	19
L14A (1400 Lumens 97 CRI)	714*	58*	12
L41S (4100 Lumens 80 CRI)	2094*	71*	30
L36S (3600 Lumens 80 CRI)	1840*	71*	26
L26S (2600 Lumens 80 CRI)	1332*	71*	19
L18S (1800 Lumens 80 CRI)	920*	74*	12

*estimated values

LIGHT OUTPUT MULTIPLIER

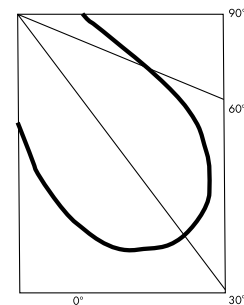
LED Module Type	Light Output Multiplier
L31A (3100 Lumens 97 CRI)	1
L27A (2700 Lumens 97 CRI)	0.87*
L20A (2000 Lumens 97 CRI)	0.65*
L14A (1400 Lumens 97 CRI)	0.45*
L41S (4100 Lumens 80 CRI)	1.32*
L36S (3600 Lumens 80 CRI)	1.16*
L26S (2600 Lumens 80 CRI)	0.84*
L18S (1800 Lumens 80 CRI)	0.58*

*estimated values

STANDARD DRIVER INFORMATION

Voltage	120	277
Input Watts (L31A/L27A/L20A/L14A/L41S/L36S/L26S/L18S)	30/26/19/12/30/26/19/12	30/26/19/12/30/26/19/12
Input Current (A) (L31A/L27A/L20A/L14A/L41S/L36S/L26S/L18S)	.25/.22/.16/.10/.25/.22/.16/.10	.11/.09/.07/.04/.11/.09/.07/.04
Output Current (mA)	350/500/700	350/500/700
Min. Power Factor	>0.95	>0.95
Ambient Temperature Range (F)	-4 to113	-4 to113

CANDLEPOWER DISTRIBUTION



LED CCT MULTIPLIERS

2700K	.96
3000K	1
3500K	1.02
4000K	1.03
5000K	1.04