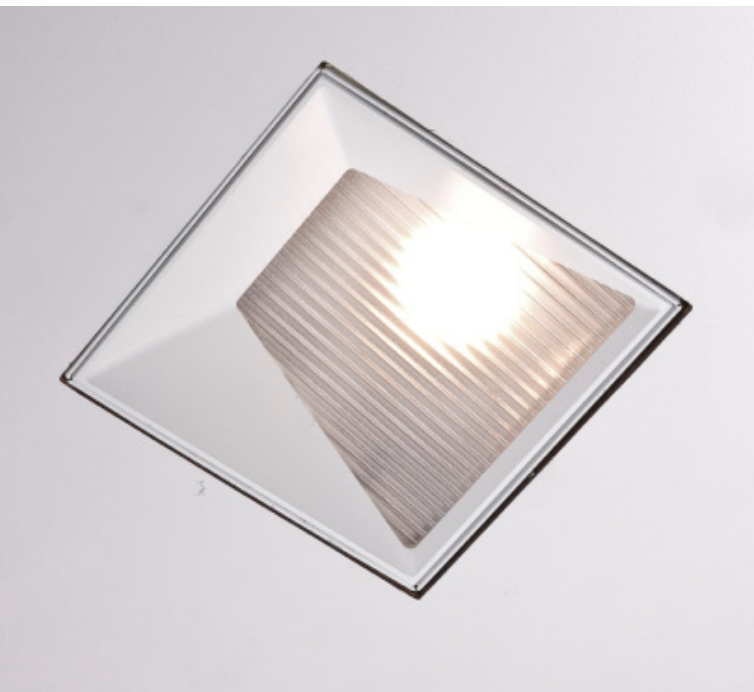


1240-LEDX

Square Aperture Recessed Wall Washer



1240 Series – Square Aperture Recessed Wall Washer

PROJECT INFORMATION

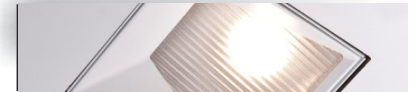
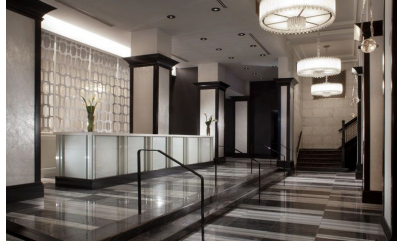
LTL NUMBER: _____ DATE: _____

PREPARED FOR: _____

CATALOG NO.: _____

Point Source Wall Washing

SLI's point source wall wash fixtures are designed optically to flood the surface of the wall with light. They can be ordered to fit any ceiling system.



1240 – Point Source Wall Wash Series

SLI 1240 square wall wash fixtures are designed optically to flood the surface of the wall with light from the ceiling line to the floor. They can be ordered to fit any ceiling system. Single lamp, LEDX-Xicato recessed wall washer with nominal 4"x4" square aperture. Supertex borosilicate spread lens, hinged for relamping. Suitable for install from below applications.



Features

HIGH OUTPUT LED OPTIONS

SLI can configure several LED packages for the #1240 series, with the latest modules from Bridgelux and Xicato. This single Xicato LED model product provides color temperatures of 2700K to 3000K and from 80CRI up to 90CRI.

FUTURE PROOF

Our Ulsocket provides a screwless connection between the heat sink and the LED module. LED's can be easily removed for servicing or replacement. Changes in colors temperature, output or color rendering may be done in the field with no more complexity than changing a light bulb.

LUMINAIRE

Precision die-formed heavy gauge aluminum with flangeless trim and integrated screed edge.

LAMP

Xicato LED supplied with fixture. Available in 2700K or 3000K color temperature and 80 or 90 CRI. OTHER LAMP OPTIONS: BridgeLux LED, MR-16, MR-16 CMH, CF

LABELS

CSA-C, US, Damp location

1240 Series – Square Aperture Recessed Wall Washer

PROJECT INFORMATION

LTL NUMBER: _____ DATE: _____
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DRIVER

Each section of fixture contains a driver capable of operating up to 6 LEDs. The driver features a universal input voltage for use with 100v-277v currents at 50hz or 60hz.

ELECTRICAL VALUES – DIMMING

Integral dimmable electronic driver with internal short circuit protection. 120v-277v primary, compatible with 0-10v dimmers and DALI interfaces, smooth continuous dimming is a possibility down to 0.1%

LENS

Supertex borosilicate spread lens, hinged for relamping.

SOCKET

LED module can be replaced in the field.

HOUSING

Precision die-formed heavy gauge aluminum with flangeless trim and integrated screed edge. HOUSING TYPES: PH Plaster, SPH Shallow plaster flange, APH Airtight plaster

FINISH

Black powder paint housing. Aperture trim available in black and white as standard. Solid wood, additional colors and RAL palette available. Consult factory for custom finishes.

MOUNTING

Recessed. Install from below in sheetrock ceiling.

HOUSING ORDERING INFORMATION

HOUSING CODE	TRIM	DRIVER	FINISH	APERTURE LENS
1240-LEDX -PH	ZT			#82A
PLASTER FLANGE HOUSING 827 = 2700K 80CRI 927 = 2700K 95CRI 830 = 3000K 80CRI 930 = 3000K 95CRI	ZT=ZERO TRIM	125=120v-277v HE 127=120v-277v HO	P14 = WHITE PXX = SLI COLOR WXX = WOOD XXXX = RAL # CST = CUSTOM	82A = FROSTED SUPERTEX

NOTE: These specifications subject to change without notice

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1240 Series – Square Aperture Recessed Wall Washer

Photometry

PROJECT INFORMATION

LTL NUMBER: _____ DATE: _____
 PREPARED FOR: _____
 CATALOG NO.: _____

ZONAL LUMEN SUMMARY:

Zone	Lumens	% of Lamp	% of Luminaire
0-30	298.7	N/A	58.3%
0-40	375.4	N/A	73.3%
0-60	470.5	N/A	91.8%
0-90	512.4	N/A	100.0%
90-180	0.0	N/A	0.0%
0-180	512.4	N/A	100.0%

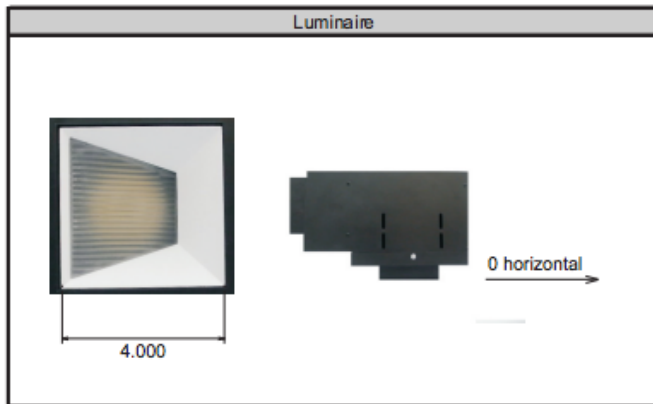
TOTAL LUMEN OUTPUT: .512.4 LUMENS

LUMINAIRE EFFICACY: ..19.9 LUMENS PER WATT

CIE TYPE:DIRECT

SPACING CRITERION:.....0 DEG: 0.74 90 DEG: 0.66

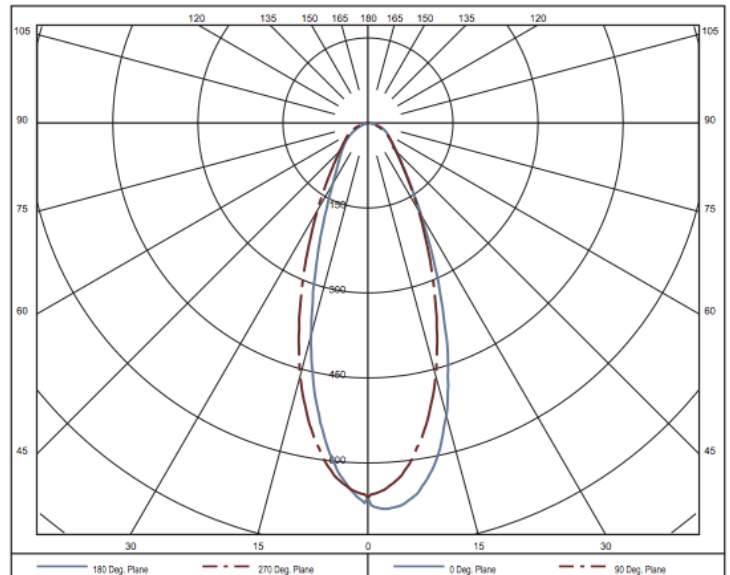
180 DEG:0.56 270 DEG: 0.66



Approved By: MG

NOTE:

This test was performed using the calibrated photodetector method of absolute photometry.*



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PROJECT INFORMATION

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LUMINAIRE TESTING LABORATORY, INC.

**SUSTAINING
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905 Harrison Street · Allentown, PA 18103 · 610-770-1044 · Fax 610-770-8912 · www.LuminaireTesting.com

Candela Tabulation (5 degree Vertical Increments)

	0	22.5	45	67.5	90	112.5	135	157.5	180	202.5	225	247.5	270	292.5	315	337.5
0	662	662	662	662	662	662	662	662	662	662	662	662	662	662	662	662
5	678	675	661	647	629	616	605	600	616	600	605	616	629	647	661	675
10	629	635	613	587	558	533	512	495	512	495	512	533	558	587	613	635
15	534	551	526	495	463	428	397	372	388	372	397	428	463	495	526	551
20	407	432	414	385	352	322	288	258	266	258	288	322	352	385	414	432
25	280	307	298	280	254	230	200	174	179	174	200	230	254	280	298	307
30	188	207	205	196	178	163	141	124	124	124	141	163	178	196	205	207
35	128	139	140	136	125	116	104	94	93	94	104	116	125	136	140	139
40	92	98	98	96	91	87	81	76	76	76	81	87	91	96	98	98
45	70	74	73	72	70	68	66	63	63	63	66	68	70	72	73	74
50	56	59	59	58	57	56	54	51	51	51	54	56	57	58	59	59
55	47	48	49	48	46	46	43	40	40	40	43	46	46	48	49	48
60	40	42	42	40	38	38	34	29	29	29	34	38	38	40	42	42
65	34	35	35	32	30	29	24	18	18	18	24	29	30	32	35	35
70	27	28	26	22	21	19	14	8	7	8	14	19	21	22	26	28
75	19	19	16	13	11	10	4	3	4	3	4	10	11	13	16	19
80	9	10	8	5	4	2	1	1	2	1	1	2	4	5	8	10
85	2	3	2	1	1	0	0	1	1	1	0	0	1	1	2	3
90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
115	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
125	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
130	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
140	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
145	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
155	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
160	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
165	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
170	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
175	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Zonal Lumen Tabulation (5 degree zones)

Zone	Lumens	Zone	Lumens	Zone	Lumens	Zone	Lumens
0-5	15.5	45-50	25.0	90-95	0.0	135-140	0.0
5-10	42.8	50-55	22.0	95-100	0.0	140-145	0.0
10-15	60.6	55-60	19.1	100-105	0.0	145-150	0.0
15-20	66.3	60-65	16.0	105-110	0.0	150-155	0.0
20-25	61.6	65-70	12.1	110-115	0.0	155-160	0.0
25-30	52.0	70-75	7.8	115-120	0.0	160-165	0.0
30-35	42.3	75-80	4.1	120-125	0.0	165-170	0.0
35-40	34.4	80-85	1.6	125-130	0.0	170-175	0.0
40-45	29.0	85-90	0.3	130-135	0.0	175-180	0.0

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Photometry

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Utilization of Lumens - Zonal Cavity Method												
Effective Floor Cavity Reflectance 20%												
Ceiling Cavity Reflectance	90				80				70			
Wall Reflectance	70	50	30	10	70	50	30	10	70	50	30	10
Room Cavity Ratio (RCR)	** Values are expressed as Lumens delivered to the task surface **											
0	624.9	624.9	624.9	624.9	610	610	610	610	595.8	595.8	595.8	595.8
1	587.8	568.4	551.1	535.7	574	556.6	541	526.9	561	545.4	531.3	518.5
2	550.8	517	489.3	466.3	538	507.5	482.2	460.9	526	498.4	475.2	455.6
3	516.4	472.8	439.5	413.3	504.7	465	434.3	409.8	493.7	457.5	429.2	406.3
4	485.1	435	398.8	371.6	474.5	428.6	394.9	369.3	464.4	422.4	391.1	366.9
5	456.8	402.4	365.2	338.1	447.1	397.1	362.2	336.4	438	392	359.3	334.8
6	431	374.3	336.9	310.5	422.3	369.8	334.6	309.3	414	365.5	332.3	308.1
7	407.7	349.6	312.8	287.3	399.7	345.9	310.9	286.5	392.3	342.2	309.1	285.6
8	386.5	328	292	267.5	379.3	324.8	290.5	266.9	372.6	321.6	289	266.3
9	367.2	308.8	273.8	250.5	360.7	306.1	272.6	250	354.6	303.4	271.4	249.5
10	349.6	291.8	257.9	235.6	343.7	289.4	256.8	235.2	338.2	287	255.8	234.8

Ceiling Cavity Reflectance	50				30			10			0
Wall Reflectance	70	50	30	10	50	30	10	50	30	10	0
Room Cavity Ratio (RCR)	** Values are expressed as Lumens delivered to the task surface **										
0	569.4	569.4	569.4	569.4	545.1	545.1	545.1	522.9	522.9	522.9	512.4
1	536.8	524.3	512.9	502.4	504.9	495.8	487.3	487.1	479.9	473.1	463.5
2	503.8	481.3	462.1	445.5	465.5	449.7	435.8	450.9	438	426.5	417.2
3	473.4	443.5	419.4	399.6	430.5	410.2	393.2	418.5	401.5	386.9	377.9
4	445.9	410.8	383.8	362.4	400	376.8	358	389.9	370.1	353.7	344.8
5	421.2	382.3	353.6	331.7	373.2	348.2	328.6	364.8	343	325.5	316.9
6	398.9	357.3	327.8	305.9	349.7	323.6	303.7	342.5	319.5	301.5	293.1
7	378.6	335.2	305.6	283.9	328.7	302.1	282.3	322.6	298.8	280.7	272.6
8	360.1	315.7	286.1	265	310.1	283.4	263.8	304.9	280.7	262.6	254.8
9	343.3	298.2	269	248.6	293.4	266.8	247.6	288.9	264.5	246.7	239.2
10	327.9	282.6	253.9	234.1	278.4	252	233.4	274.4	250.2	232.6	225.4

Average Luminance Table (cd/m²)

	0	45	90
0	64097	64097	64097
45	9639	10049	9598
55	7888	8293	7787
65	7823	7961	6863
75	6948	6163	4202
85	2662	1997	666

Note: The zonal cavity calculation technique is accurate when luminaires with symmetric candela distributions are employed and when the luminaires are located symmetrically throughout the room. This unit has special characteristics and therefore these values should be used with caution.

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