CERTIFICATE OF CON	/PLIANCE		·	(P	Part 1	1 of 4)	λ	LTG-10
Project Name				/1	<u>art</u>	1 0, 7)		ate
Dr. Lim Lighting								5/13/2013
Project Address	_	Climate		Total C		loor Area		ned Floor Area
105 N. Bascom Ave. Suite 200	San Jose		4		2,79	2		0
GENERAL INFORMATION								
Ballaring Type.	nresidential		High-Rise Reside	ential		Hotel/Mo	otel Guest I	Room
LI School LI Sch	locatable Public hool	Ø	Conditioned Space	ces	0	Uncondi	tioned Spa	ces
Phase of Construction: $\square$ Ne	w Construction		Addition			Alteratio	n	
Method of Compliance:   Co	mplete Building	Z	Area Category		Ø	Tailored		
Documentation Author's [	Declaration St	ateme	ent				_	
I certify that this Certificate of Comp	oliance documenta	tion is a	accurate and compl	ete.			<u> </u>	1
Name Steve Davis				Si	ignature			7
Company  Bright Green Strategies			•	D	ate	5/13/201	13	
Address			· · · · · · · · · · · · · · · · · · ·	-+c	EA#			
150 Felker Street Suite H				C	EPE#			
City/State/Zip Santa Cruz, CA 95060				P	hone	831-454	-9956	
<ul> <li>I am eligible under Division lighting design.</li> <li>This Certificate of Compliance with Title 24,</li> <li>The design features repress to document this design of the state of t</li></ul>	ance identifies the Pages 1 and 6 of esented on this Co	e lightin the Ca ertificat	ng features and per lifornia Code of Re e of Compliance a	rforman egulation re consi	ce spe ns. istent	ecificatio	ns required	d for
specifications submitted t			cy for approval with					
KOHAND HED	STROM			Kin	22 PM	A W	wants	Ro-
Company Design For Health				hone	831-4	25-1869	•	
Address 250 Dufour Street			L	icense#	20	534		
City/State/Zip Santa Cruz, CA 95060				Date 🥱	/12	13		
Lighting Mandatory Measures Indicate location on building plans of Man	datory Measures Note	Block: _	AT RIGI	47				
LIGHTING COMPLIANCE FORM	IS & WORKSHE	ETS (cl	eck box if works	heets is	s incl	uded)	<b></b>	
For detailed instructions on the use of this							esidential Mar	nual published
by the California Energy Commission.	Codificate of Comp	lianaa A	Il Dagge required on pla	one for all		tolo	<del>- ,</del>	
<ul><li>✓ LTG-1C Pages 1 through 4</li><li>✓ LTG-2C</li></ul>	Lighting Controls C		Il Pages required on pla	ans 101 an	Subiliti	uais.		
LTG-3C	Indoor Lighting Pov	<del></del>	· · · · · · · · · · · · · · · · · · ·					<del></del>
✓ LTG-4C Pages 1 through 4	Tailored Method We							<del></del>
LTG-5C Pages 1 and 2	Line Voltage Track							
LIG-30 rages Falid 2	Line Voltage Hack	Lighting	VVUINSITEEL					
•								
EnergyPro 5.1 by EnergySoft User No	umber: 3074 Ru	ınCode:	2013-05-13T15:45:30	ID.	: 5665-	13		Page 3 of 1
						<del></del>	······································	

CERTIFICATE OF COMPLIANCE (Part 3 of 4)					LTG-10			
Project Name Dr. Lim Lighting	,					Date 5/13/2013		
INDOOR LIGHTING SCHEE	OULE and FIELD	INSPECTION	ENERGY CHECK	LIST		1		
Fill in controls for all spaces: a) automatic daylighting controls for general lighting controlled sepa controls for retail stores > 50,00	area controls, b) rr or daylit areas > 2, rately from display, 0 ft <sup>2</sup> , in accordance	nulti-level control 500 ft <sup>2</sup> , d) shut-o ornamental and e with Section 13	s, c) manual daylight ff controls, e) display I display case lighting 31.	ing controls for c lighting controls and g) demand	laylit areas > , f) tailored li responsive a	250 ft <sup>2</sup> , ghting co automatic	ntrols -	
IANDATORY LIGHTING CONTROLS - FIELD INSPECTION ENERGY CHECKLIST					Field Inspector			
Type/ Description	on	Number of Units	Location in B	ildina	Special Features	Pass	Fail	
				· · · · · · · · · · · · · · · · · · ·				
					0			
			<del></del>					
					О			
				<del></del>				
	······································							
PECIAL FEATURES INSP the local enforcement agency s stification and documentation, and may reject a building or des ubmitted.	should pay special and special verific	attention to the i	tems specified in this enforcement agency	checklist. These	adequacy of t	the justific	ation,	
ield Inspector's Notes or Dis	crepancies:							
EnergyPro 5.1 by EnergySoft Us	ser Number: 3074	RunCode: 20		ID: 5665-13		Pag		

CER Project I	TIFICATE OF COMPLIANCE		**************	(Par	t 2 of	4)	L Dat	TG.	<u>·1C</u>	
•	n Lighting							e 13/2	013	
NDO	OR LIGHTING SCHEDULE and FIELD	INSPECTION	ON ENER	GY CH	ECKLI	ST				
nstalla	tion Certificate, LTG-1- INST (Retain a copy and verif	v form is complete	d and signed.)			Field In	spector	1	]	
	ate of Acceptance, LTG-2A and LTG-3A (Retain a c			and signs	d )		spector		= ]	
A sepai	rate Lighting Schedule Must Be Filled Out for Conditional Schedule is only for:								<u></u>	
Ø	CONDITIONED SPACE		UNCONDITION	ONED SE	ACE			*		
Ø	The actual indoor lighting power listed below include with §146(a).	les all installed p	ermanent an	d portable	elighting					
Ø	Only for offices: Up to the first 0.2 watts per square calculation of actual indoor lighting power density in 0.2 watts per square foot is totaled below.								ss of	
	Luminaire (Type, Lamps, Ballasts)			Ins	talled W	atts				
Α	В	С	D		E	F	G		H	
					vattage termined				H Field Inspector <sup>2</sup>	
	. *			was ue	(e) (i) (i) (i) (i) (i) (i) (i) (i) (i) (i	1		ilish	50101	
					<b>-</b>		<u>í</u>			
None			ire1	CEC	According To §130 (d o	Number of Luminaires	Installed Watts (D X I			
or	Complete Luminaire Description <sup>1</sup>		Watts per Luminaire <sup>1</sup>	Default	Sord §13	mbe	talle itts (	SS	_	
Item Tag	(i.e, 3 lamp fluorescent troffer, F32T8, one dimmable electronic ballasts)		Lui Wa	From NA8	ŰC	Ē	Ins Wa	Pass	Fail	
A	(1) 4 ft Fluorescent T8 Rapid Start		39.0	Ø		1	39			
В	(2) 40+22w Fluorescent Circline T5 RS Elec		68.0	Ø		1	68			
Ċ	(4) LED Lamp (17 Watt Total)		17.0		Ø	2	34			
D	(4) 24w Linear Fluorescent T5 HO Elec		104.0			1	104			
DD	(8) 14w Linear Fluorescent T5 Elec		136.0		Ø	2	272			
E	(2) 4 ft Fluorescent T8 Rapid Start Elec		62.0	Ø		2	124			
EE	(2) 4 ft Fluorescent T8 Rapid Start Elec		62.0	Ø		12	744			
F	(4) 4 ft Fluorescent T8 Rapid Start Elec		114.0	Ø		1	114			
FF	(4) 4 ft Fluorescent T8 Rapid Start Elec		114.0	Ø		4	456			
G	Halo 9W LED		9.0		Ø	15	135			
Н	20w Low Voltage Halogen		23.0	Ø		5	115			
J	60w Incandescent		60.0	Ø		5	300			
Κ	20w Low Voltage Halogen		23.0	团		2	46			
L	(2) 13w Compact Fluorescent Twin 2 Pin		34.0	Ø		8	272			
M	(2) 26w Compact Fluorescent Quad 2 Pin		74.0	Ø		7	518			
N	(2) 26w Compact Fluorescent Quad 2 Pin		74.0	Ø		3	222			
Q	22w Compact Fluorescent		24.0		Ø	1	24			
UCL	LED 1.52W per linear ft.		2.0		Ø	69	138			
					atts Pag		3,725			
	Duilding total growth as of second		Installed Watts Building Total (Sum of all pages)							
	Building total number of pages:	<del></del>	Ento		3-1C Pag		3,725			
									<del></del>	
. Watta	ge shall be determined according to Section 130 (d and e). then describe on Page 2 of the Inspection Checklist Form a	Wattage shall be r	ating of light fix	ture, not rect. Verify	ating of bu	lb. lans if nec	essanı			
	and a second services and a second of the se	uppropria		200 FOILIY		1100	,			

<b>CERTIFICATE OI</b>	F COMPLIANCE			(Part 4 of 4)	LTG-1C
Project Name					Date 5/12/2012
Dr. Lim Lighting	CONDITIONED SPACE	ELICHTING N	HIGT	NOT BE COMBINED FOR COMP	5/13/2013
	Power for Conditioned Sp			Indoor Lighting Power for Uncondition	
		Watts			Watts
Installed Lighting (from Conditioned LTG-1C, Pag	ge 2)	3,725	Insta (from	lled Lighting Unconditioned LTG-1C, Page 2)	0
Lighting Control Credit Conditioned Spaces (from LTG	-2C)	o	Lighti Uncor	ng Control Credit aditioned Spaces (from LTG-2C)	- 0
Adjusted <b>Installed</b> Lighting Power	sted Installed = 3.725 Adjusted Installed =		= 0		
Complies if Installed ≤ Allo	owed	<b>1</b>	Com	olies if Installed ≤ Allowed	<b></b>
Allowed Lighting Power Conditioned Spaces (from L	TG-3C or PERF-1)	3,995	Allov Unco	ved Lighting Power nditioned Spaces (from LTG-3C)	0
LTG-2A and LTG-3A. The shall be certified as meeting requires a test, list the differ Reference Appendices Man responsible party to budget Enforcement Agenc Systems Acceptance. Befrosystem with controls is instated The LTG-2A and LTG-3A for the boxes are checked and/agency that certifies plans, of §10-103(b) of Title 24 Pagency that certifies plans, so the state of the second s	designer is required to che the Acceptance Requirent ent lighting and the number aual describes the test. Since for the scope of work appropriate ore Occupancy Permit is go alled in the building or space for filled and signed. In add specifications, installation of the Copy of the LTG-2A and L	ck the acceptant nents for Code Corror of systems. To this form will opriately. Forms anted for a new shall be certificated forms a dition, a Certificate certificates, and ast receive the pieces.	ce test complia he NA be par s can l ly con ed as nd are ate of A operat	low is the acceptance test for the Light is and list all control devices serving the ance. If all the lighting system or control of the Nonrest of the plans, completion of this section be grouped by type of Luminaire constructed building or space or when every meeting the Acceptance Requirements not to be accepted by the enforcement acceptance forms shall be submitted to ling and maintenance information meeting the filled out and signed forms before the entitighting luminaire control(s) must be	e building or space of of a certain type sidential in will allow the introlled.  If new lighting is tagency unless the enforcement is the requirements building can
		es Controlled			LTG-2A and LTG-3A
Equipment Requiring Testing	Description	Numb Lumin contro	er of aires	Location	Controls and Sensors and Automatic Daylighting Controls Acceptance
,					
	·				
			-		
					<del></del>
**************************************					
EnergyPro 5.1 by EnergySofi	User Number: 3074 F	RunCode: 2013-0	5-13T1	5: <b>45:30</b> ID: 5665-13	Page 6 of 10

	IG MANDATORY MEASURES: NONRESIDENTIAL	LTO
Project Name Dr. Lim Lig	hting	Date 5/13/
	ghting Measures:	- 0, 10,
	ut-off Controls	
1.	For every floor, all interior lighting systems shall be equipped with a separate automatic control to This automatic control shall meet the requirements of Section 119 and may be an occupancy sen switch, or other device capable of automatically shutting off the lighting.	shut off the li sor, automation
2.	Override for Building Lighting Shut-off: The automatic building shut-off system is provided with a override switch in sight of the lights. The area of override is not to exceed 5,000 square feet.	·
§119(h):	Automatic Control Devices Certified: All automatic control devices specified are certified, all alter be certified and installed as directed by the manufacturer.	nate equipme
§111:	Fluorescent Ballast and Luminaires Certified: All fluorescent fixtures specified for the project are certified.  Directory. All installed fixtures shall be certified.	fied and listed
§131(a):	Individual Room/Area Controls: Each room and area in this building is equipped with a separate sensor device for each area with floor-to-ceiling walls.	switch or occu
§131(b):	Uniform Reduction for Individual Rooms: All rooms and areas greater than 100 square feet and r per square foot of lighting load shall be controlled with bi-level switching for uniform reduction of li room.	
§131(c):	Daylight Area Control: All rooms with windows and skylights that are greater than 250 square feet the effective use of daylight in the area shall have 50% of the lamps in each daylit area controlled or the effective use of daylight cannot be accomplished because the windows are continuously strength adjacent lot. Diagram of shading during different times of the year is included on plans.	by a separate
§131(c):	Display Lighting. Display lighting shall be separately switched on circuits that are 20 amps or less	3.6.
Outdoor I	Lighting Measures:	
§130(c)1:	Mandatory lighting power determination for medium base sockets without permanently installed b	allasts
§132(a):	All permanently installed luminaires with lamps rated over 100 Watts either have a lamp efficacy oper Watt or are controlled by a motion sensor.	of at least 60 l
§132(b):	All Luminaires with lamps rated greater than 175 Watts in hardscape area, including parking lots, canopies, and all outdoor sales areas meet the Cutoff Requirements.	building entra
§132(c)1:	All permanently installed outdoor lighting meets the control requirements listed.	***************************************
§132(c):	Building facades, parking lots, garages, canopies, and outdoor sales areas meet the Multi-Level Listed.	ighting Requ
F	by EnergySoft User Number: 3074 RunCode: 2013-05-13T15:45:30 ID: 5665-13	Pag

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