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COMcheck Software Version COMcheckWeb

Interior Lighting Compliance Certificate

Project Information

Energy Code: 2021 IECC
Project Title: 22154
Project Type: New Construction

Owner/Agent:
4439 SADDLEBAG TRAIL
SCOTTSDALE, Arizona 85251

Designer/Contractor:

Additional Efficiency Package(s)

Credits: 10.0 Required 0.0 Proposed

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts
1-Saddlebag Trail (Common Space Types:Dining Area - Bar Lounge/Leisure)	5062	0.86	4353
Total Allowed Watts = 4353			

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixture	D Fixture Watt.	E (C X D)
1-Saddlebag Trail (Common Space Types:Dining Area - Bar Lounge/Leisure)				
LED: L01: RECESSED LIGHT: Other:	1	9	8	72
LED: L02: STAIR LIGHT: Other:	1	19	5	95
LED: L04: COVE LIGHT: Other:	1	28	30	840
LED: L05: UNDERCOUNTER: Other:	1	5	60	300
LED: L08: CAN LIGHT: Other:	1	33	14	462
LED: L10/L10E: 2X2 FLAT LED: Other:	1	10	30	300
LED: L11: CAN LIGHT: Other:	1	5	16	80
LED: L12: VANITY: Other:	1	5	56	280
LED: L13: CHANDALIER: Other:	1	7	18	126
LED: L14: PENDANT: Other:	1	2	3	6
LED: L15A: TABLE LAMP: Other:	1	8	30	240
LED: L15B: LED LIGHT: Other:	1	2	30	60
Total Proposed Watts =				2861

Interior Lighting PASSES: Design 34% better than code

Interior Lighting Compliance Statement


Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2021 IECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

HICHAM KHACHANE, PM.



03/22/23

Name - TitleSignatureDate



COMcheck Software Version COMcheckWeb

Exterior Lighting Compliance Certificate

Project Information

Energy Code: 2021 IECC
Project Title: 22154
Project Type: New Construction
Exterior Lighting Zone: 2 (Residential mixed use area (LZ2))

Owner/Agent:
4439 SADDLEBAG TRAIL
SCOTTSDALE, Arizona 85251

Designer/Contractor:

Allowed Exterior Lighting Power

A Area/Surface Category	B Quantity	C Allowed Watts /	D Tradable Wattage	E Allowed Watts (B X C)
Entry/Canopy (Entry canopy)	1772 ft2	0.25	Yes	443
Total Tradable Watts (a) =				443
Total Allowed Watts =				443
Total Allowed Supplemental Watts (b) =				400

(a) Wattage tradeoffs are only allowed between tradable areas/surfaces.
(b) A supplemental allowance equal to 400 watts may be applied toward compliance of both non-tradable and tradable areas/surfaces.

Proposed Exterior Lighting Power


A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixture	D Fixture Watt.	E (C X D)
Entry/Canopy (Entry canopy, 1772 ft2): Tradable Wattage				
LED: L09: AREA LIGHT: Other:	1	3	56	168
LED: E02: EMERGENCY LIGHT: Other:	1	1	4	4
LED: L07: WALL SCONCE: Other:	1	1	27	27
LED: L06: MONOPOINT LUMINAIRE: Other:	1	6	42	252
LED: L03: LANDSCAPE LIGHTING: Other:	1	40	8	340
Total Tradable Proposed Watts =				791

Exterior Lighting PASSES: Design 6% better than code

Exterior Lighting Compliance Statement

Compliance Statement: The proposed exterior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed exterior lighting systems have been designed to meet the 2021 IECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

HICHAM KHACHANE, PM.



03/22/23

Name - TitleSignatureDate

1 EXTERIOR PHOTOMETRIC FIRST FLOOR
SCALE: 1/10"=1'-0"

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
1ST FLOOR PATIO - FC @ FLOOR	+	6 fc	15 fc	1 fc	15.0:1	6.0:1
1ST FLOOR COVERED PARKING - FC @ GRADE	+	6.6 fc	9.0 fc	3.5 fc	2.6:1	1.9:1

2 EXTERIOR PHOTOMETRIC SECOND FLOOR
SCALE: 1/10"=1'-0"

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
2ND FLOOR PATIO - FC @ FLOOR	+	8 fc	27 fc	1 fc	27.0:1	8.0:1

AV3
design studio
AV3DESIGNSTUDIO.COM
602 . 326 . 3387

ARDEBILI
Engineering
7328 E Stetson Dr.
Scottsdale, AZ 85251
P: 480.626.7072 | ardebilieng.com
Project Number: 22154
Project Manager: HK

4439 SADDLEBAG TRAIL
NEW BAR AND RESTAURANT
SCOTTSDALE, ARIZONA
FOR: JOCQUE CONCEPTS

PROJECT #: 21016

DATE
2023.04.05 1ST PLAN REVIEW

SEAL:

E.107
EXTERIOR PHOTOMETRIC