

ILLUMINATION SYSTEMS
5 SOUTH KALAMATH STREET
DENVER, CO 80223
PHONE: 303.295.2900
FAX: 303.293.8337
WWW.ILLUMSYS.COM

**CENTURY CITY
CONDOMINIUM**
AURORA, CO

DATE: 10/31/2019






PHOTOMETRICS ARE NOT TO SCALE
DRAWINGS ARE FOR ESTIMATING
PURPOSES ONLY.
FOOT-CANDLE VALUES ARE
PREDICTED AT HORIZONTAL
CALCULATIONS UNLESS SPECIFIED
OTHERWISE. ACTUAL
FOOT-CANDLES MAY VARY.
FINAL CONSTRUCTION DRAWINGS
& CALCULATIONS ARE THE
RESPONSIBILITY OF A LICENSED
ARCHITECT OR ENGINEER.

REFLECTANCES:
N/A. DIRECT CALCULATIONS ONLY
MOUNTING HEIGHT:
VARIES CHECK LABELS
CALCULATION SPACING:
10' - 0" x 10' - 0"
FOOTCANDLE CALC HEIGHT:
0' - 0" A.F.G.

ADDITIONAL NOTES:
FIXTURES MAGNIFIED X3

ILLUMINATION WITHIN THE
SITE SHALL COMPLY WITH
THE 2015 INTERNATIONAL
BUILDING CODE
REQUIREMENT FROM
SECTION 1006 - MEANS OF
EGRESS ILLUMINATION,
"ILLUMINATION REQUIRED:
THE MEANS OF EGRESS,
INCLUDING THE EXIT
DISCHARGE, SHALL BE
ILLUMINATED AT ALL TIMES
THE BUILDING IS
OCCUPIED." AND SECTION
1006.2 ILLUMINATION LEVEL,
"THE MEANS OF EGRESS
ILLUMINATION LEVEL SHALL
NOT BE LESS THAN 1
FOOT-CANDLE (11 LUX) AT
THE FLOOR LEVEL AND
CONTINUING TO THE PUBLIC
WAY."

CREATED BY:
KENDYL COLONIAS
FOR PRICING AND
AVAILABILITY, CONTACT
ILLUMINATION SYSTEMS
AT 303.295.2900
DSC DESIGN, SUPPORT
& CONTROLS **2**

Luminaire Schedule						
Symbol	Qty	Label	Lum. Watts	Lum. Lumens	LLF	Catalog
	13	CAR	8.2	517	0.900	P3649-3030K9
	10	SP1	52	6342	0.900	PRV-C15-D-UNV-T3-BK-7030-HSS/HAPCO POLE
	10	SP2	52	6320	0.900	PRV-C15-D-UNV-T4-BK-7030-HSS/HAPCO POLE
	5	SP3	99	6148	0.900	LXS-B3-LED-D1-T2-S-7030
	10	WS	24.7	2468	0.900	ENV-E01-LED-E1-BL3-7030

Calculation Summary						
Label	Units	Avg	Max	Min	Avg/Min	Max/Min
CalcPts_1	Fc	0.25	3.6	0.0	N.A.	N.A.
Park and Drive	Fc	1.16	3.2	0.2	5.80	16.00

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DSC DESIGN, SUPPORT
& CONTROLS


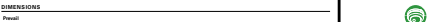





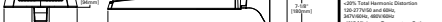

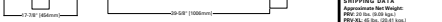















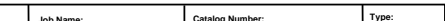
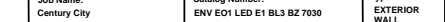







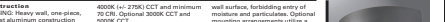
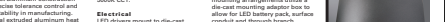
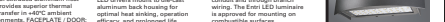

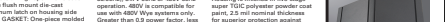
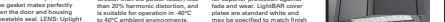
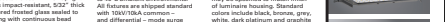
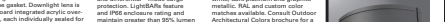

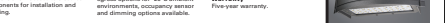













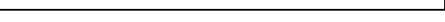

















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	Description : Project Name: Notes:	PRV-C15-D-UNV-T3-SA-BK-7030-HSS CENTURY CONDOMINIUM SP1	TYPE: SP1
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DESCRIPTION

The Prveil LED area, like luminaire combines optical performance, energy efficiency and long term reliability in an advanced, patent pending modern design. Utilizing the latest LED technology, the Prveil luminaire delivers unparalleled efficiency resulting in greater power savings. A versatile mount standard arm facilitates ease of installation for both retrofit and new installations. With energy savings greater than 80%, the Prveil fixture replaces 100-1,000W metal halide fixtures in general area lighting applications such as parking lots, walkways, walkways and building areas.









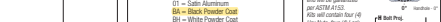
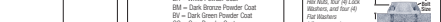











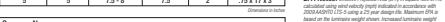



















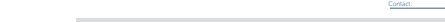
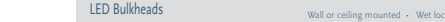
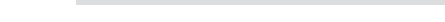

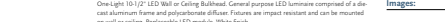





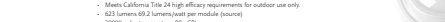






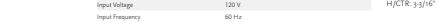

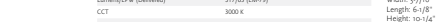
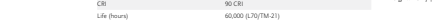


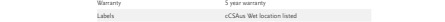























DESCRIPTION	Construction	Mounting	Optics	Central
<p>Construction</p> <p>Construction is comprised of a heavy-duty, single-piece die-cast aluminum housing. The LED drivers are mounted in direct contact with the casting to promote low operating temperatures and long life. The die-cast aluminum also is hardened to provide easy installation. The fixture is IP66 and is resistant to corrosion. A one-piece aluminum extruded shade is fixed to the fixture housing. The optics is mounted as a versatile, aluminum plate that dissipates heat from the LEDs resulting in longer life of the fixture. The fixture is IP66 and is resistant to corrosion. The fixture is available in 100-1,000W metal halide fixtures in general area lighting applications such as parking lots, walkways, walkways and building areas.</p> <p>Optics</p> <p>Precision molded, high efficiency optics are precisely designed to shape the distribution, maximizing efficiency and application. The fixture is IP66 and is resistant to corrosion. The fixture is available in 100-1,000W metal halide fixtures in general area lighting applications such as parking lots, walkways, walkways and building areas.</p>	<p>Construction</p> <p>Construction is comprised of a heavy-duty, single-piece die-cast aluminum housing. The LED drivers are mounted in direct contact with the casting to promote low operating temperatures and long life. The die-cast aluminum also is hardened to provide easy installation. The fixture is IP66 and is resistant to corrosion. A one-piece aluminum extruded shade is fixed to the fixture housing. The optics is mounted as a versatile, aluminum plate that dissipates heat from the LEDs resulting in longer life of the fixture. The fixture is IP66 and is resistant to corrosion. The fixture is available in 100-1,000W metal halide fixtures in general area lighting applications such as parking lots, walkways, walkways and building areas.</p> <p>Optics</p> <p>Precision molded, high efficiency optics are precisely designed to shape the distribution, maximizing efficiency and application. The fixture is IP66 and is resistant to corrosion. The fixture is available in 100-1,000W metal halide fixtures in general area lighting applications such as parking lots, walkways, walkways and building areas.</p>	<p>Mounting</p> <p>Standard plate mount arm is bolted directly to the pole and the fixture slides onto the arm and locks in place with a built-in fastening device and easy installation. The versatile, patented, standard mount arm patterns ranging from 1-1/2" to 4-3/8". Removal of the door on the standard mounting arm enables setting of the fixture without having to access the driver compartment. A knock-out on the standard mounting arm enables round pole mounting. That mount and arm are mounting options are available. Mount arm adapter fits standard 1-1/2" mounting arm.</p> <p>Optics</p> <p>Precision molded, high efficiency optics are precisely designed to shape the distribution, maximizing efficiency and application. The fixture is IP66 and is resistant to corrosion. The fixture is available in 100-1,000W metal halide fixtures in general area lighting applications such as parking lots, walkways, walkways and building areas.</p>	<p>Optics</p> <p>Precision molded, high efficiency optics are precisely designed to shape the distribution, maximizing efficiency and application. The fixture is IP66 and is resistant to corrosion. The fixture is available in 100-1,000W metal halide fixtures in general area lighting applications such as parking lots, walkways, walkways and building areas.</p>	<p>Central</p> <p>The fixture is available in 100-1,000W metal halide fixtures in general area lighting applications such as parking lots, walkways, walkways and building areas.</p>

PRV / PRV-XL PREVAIL	LED
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	

	Description : Project Name: Notes:	RSA20C5-4-BA CENTURY CONDOMINIUM SP1	TYPE: SP1
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DESCRIPTION

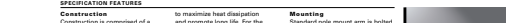
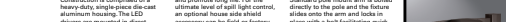

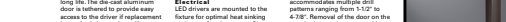
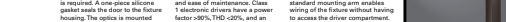
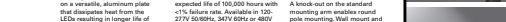
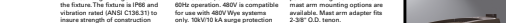
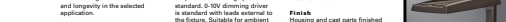
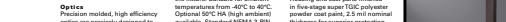
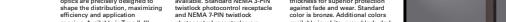

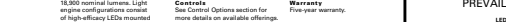












































































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PRV / PRV-XL PREVAIL	LED
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	

	Description : Project Name: Notes:	PRV-C15-D-UNV-T3-SA-BK-7030-HSS CENTURY CONDOMINIUM SP2	TYPE: SP2
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PRV / PRV-XL PREVAIL	LED
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	
	

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PRV / PRV-XL PREVAIL	LED
