

Project

Type



MADE IN USA

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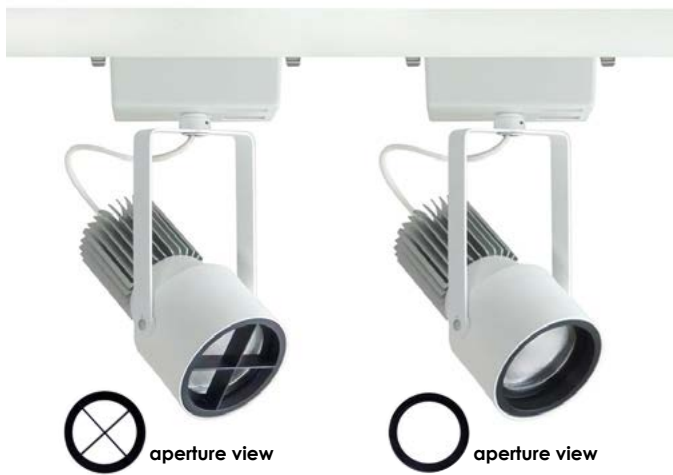
Date

Product Code

Designer

# ARTIMA®/3 CZS O BLUETOOTH

track mounted addressable LED accent light



Artima/3 CZS O Bluetooth with Cross Baffle (OX)

Artima/3 CZS O Bluetooth with Open Aperture (OH)

Artima/3 CZS O Bluetooth is a track mounted accent light capable of 15°, 31°, 40° or 56° beam spreads. Luminaire is powered by one of a number of Citizen chip-on-board LED modules. See tables below for wattages and efficacies.

- Luminaire is equipped with a Xicato Bluetooth Low Energy Intelligent Driver, controllable via a smart device with iOS or Windows based apps. Features include
  - standard Bluetooth Wireless connectivity
  - addressable individually
  - on/off control
  - dimming to 0.1%
  - data collection and storage for operating history
  - direct listening to switches and sensors
  - embedded Eddystone, iBeacon and/or AltBeacon beacons
- Fixtures may be configured to mount to any of eighteen 20-amp, 12-volt track systems – or – to any of six 277-volt track systems.
- Fixture function can be changed with your choice of Quick Change Cartridge – which can be removed from the fixture easily – and your choice of ‘twist and lock’ reflector.
- Quick Change Cartridge / Reflector choices
  - Quick Change Cartridge with a cross baffle (OX) for enhanced glare control; for use with a 15°, 31°, 40° or 56° reflector.
  - Quick Change Cartridge with an open aperture (OH) for maximum efficacy; for use with a 15°, 31°, 40° or 56° reflector.
- Fixture is ordered with a single Quick Change Cartridge and a single reflector. Additional Quick Change Cartridges and reflectors may be ordered as accessories.
- Optical Accessories: Each Quick Change Cartridge accepts one or two of a number of spread lenses, color filters and screens. A complimentary beam smoother is included.
- Horizontal and vertical adjustment can be locked by tightening two collar clamps using a 3/32" hex key.
- For more information, [click here](#).

### USB Key

To address this fixture from a Windows-based PC, laptop or tablet, a USB key (dongle) is required. Contact factory for USB key.

For the outlet box mounted version, see **Artima/3 CZS O Bluetooth-OBM**.

## PRODUCT CODE

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

Basic Unit .....	A3-CZS2-XID
<b>Track Configuration</b>	
120-volt track (e.g. SightLine) .....	2C
277-volt track (e.g. HighLine) .....	no switch; not dimmable HC
<b>Quick Change Cartridge</b>	
Cross Baffle .....	OX
Open Aperture .....	OH
<b>Reflector (specify one to ship with fixture)</b>	
15° spot .....	15D
31° narrow flood .....	31D
40° flood .....	40D
56° wide flood .....	56D
<b>Light Source Output (Lumens)</b>	
1500 lumens / 97 CRI .....	2700K & 3000K only L15A
2100 lumens .....	2700K & 3000K only L21A
2800 lumens .....	2700K & 3000K only L28A
3000 lumens .....	2700K & 3000K only L30A
1700 lumens / 90+ CRI .....	2700K & 3000K only L17H
2300 lumens .....	2700K & 3000K only L23H
3100 lumens .....	2700K & 3000K only L31H
3400 lumens .....	2700K & 3000K only L34H
1900 lumens / 80 CRI .....	L19S
2700 lumens .....	L27S
3600 lumens .....	L36S
4000 lumens .....	L40S
<b>Light Color</b>	
2700 K .....	27K
3000 K .....	30K
3500 K .....	not available in 90+CRI or 97 CRI (see above) 35K
4000 K .....	not available in 90+CRI or 97 CRI (see above) 40K
5000 K .....	not available in 90+CRI or 97 CRI (see above) 50K

<b>Finish</b>	
white: white paint, white lead cord, matte aluminum heat sink; white switch .....	WH
black: black paint, black lead cord, black heat sink; black switch .....	BL
Industrial Silver: silver paint, black lead cord, black heat sink; black switch .....	SI
custom color: include paint number or physical chip with order and select one from below	
• white lead cord, matte aluminum heat sink; white switch .....	CCW
• black lead cord, black heat sink; black switch .....	CCB
• any other combinations require a special order	

<b>Circuit Limitations</b>	
Luminaire operates only on track circuits with <u>no</u> dimmer on the circuit	

## OPTION

<b>Integral Dimmer:</b> rotary dimmer located in side of driver case; dims to 1% on 120 or 277 volt track; see detail below .....	ID
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## EXTRA REFLECTORS & CARTRIDGES

Specify as separate line items.

<b>Reflector</b>	
15° spot reflector .....	CZS2-REF-15D
31° narrow flood reflector .....	CZS2-REF-31D
40° flood reflector .....	CZS2-REF-40D
56° wide flood reflector .....	CZS2-REF-56D

<b>Quick Change Cartridge</b>	
Cross Baffle .....	RK-A3+OX
Open Aperture .....	RK-A3+OH

## OPTICAL ACCESSORIES ▼ See next page



41-50 22<sup>ND</sup> STREET, LIC NY 11101 TEL 718.685.0700 FAX 718.786.8530 www.epl.com

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## INTEGRAL DIMMER OPTION (ID)

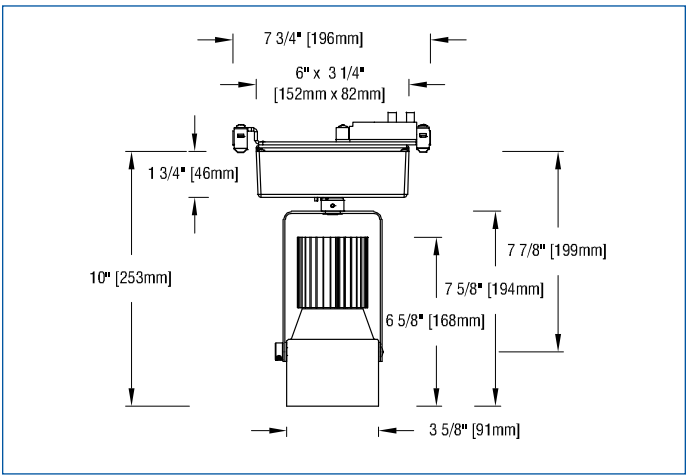
Integral rotary dimmer located in one side of the driver case: Dimmer control shaft is spring loaded, permitting shaft to be exposed for adjustment then depressed flush to conserve dimmer setting. "Clock face" markings permit registration of dimmer setting.



### OPTICAL ACCESSORIES

Specify as separate line items.  
All are 2 3/4" (70mm) dia. Lenses and filters are glass; screens are aluminum.

<b>diffuse glass</b> .....	DGS/2.75
<b>prismatic lens (Solite)</b> .....	PLS/2.75
<b>55° spread lens</b> .....	LENS/2.75
<b>40° x 70° spread lens</b> .....	LENS/2.75-4070
<b>color filters</b>	
Daylight Blue .....	DAY/2.75
Surprise Pink .....	PNK/2.75
blue .....	BLU/2.75
green .....	GRN/2.75
red .....	RED/2.75
<b>33% light reduction screen</b> .....	SCR33/2.75
<b>50% light reduction screen</b> .....	SCR50/2.75



## APPLICATIONS

Luminaire is suitable for highlighting vertical or horizontal surfaces, as well as objects in museums, galleries, showrooms, residences, offices and stores.

Luminaire is listed for mounting on Edison Price Lighting 120-volt or 277-volt track.

**Fixture Spacing Requirements** The track adapter of this fixture is as long as 7 3/4" long. For this reason 1) it cannot be track-mounted closer than 8" on center and 2) it cannot be used with 2 of our 7 **Unicep** single-fixture track units.

### STANDARD DRIVER INFORMATION (UL Class 2, dry and damp location)

Voltage	120	277
Input Watts (L15A/21A/28A/L30A/L17H/L23H/L31H/L34H/L19S/L27S/L36S/L40S lumens)	14/19/27/32	14/19/27/32
Input Current(A) (L15A/21A/28A/L30A/L17H/L23H/L31H/L34H/L19S/L27S/L36S/L40S lumens)	.12/.16/.23/.27	.05/.07/.10/.12
Output Current (mA)	350-800	350-800
Min. Power Factor	0.90	0.90
Operating Temperature Range (F)	-13 to 122	-13 to 122

### LED CCT MULTIPLIERS

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

### LIGHT OUTPUT MULTIPLIER

LED Module Type	Light Output Multiplier
1500 Lumens 97 CRI (L15A)	0.37*
2100 Lumens 97 CRI (L21A)	0.51*
2800 Lumens 97 CRI (L28A)	0.69*
3000 Lumens 97 CRI (L30A)	0.77*
1700 Lumens 90 CRI (L17H)	0.42*
2300 Lumens 90 CRI (L23H)	0.58*
3100 Lumens 90 CRI (L31H)	0.77*
3400 Lumens 90CRI (L34H)	0.86*
1900 Lumens 80 CRI (L19S)	0.49*
2700 Lumens 80 CRI (L27S)	0.68*
3600 Lumens 80 CRI (L36S)	0.91*
4000 Lumens 80 CRI (L40S)	1

\*estimated values

– photometrics continued below –



## PHOTOMETRIC REPORT with 15° reflector (tested per IESNA LM-79-2008)



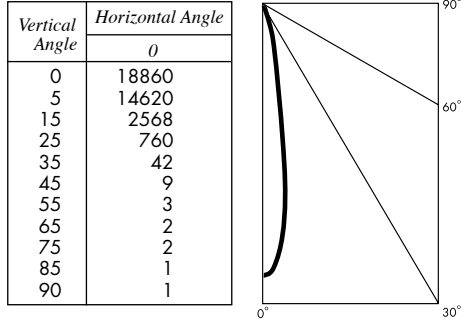
UL Verification Services Report No. 12713115.05A. Original test report furnished upon request.

Luminaire ..... track-mounted LED accent light with a 15° reflector and black cross-baffle (NO LENS)

Lamp ..... Citizen LED Module, 4000 lumens, 3000K

Lamp Life ..... rated 50.000 hours based on L70/B50 criteria. LM80 report by LED manufacturer furnished upon request

### CANDLEPOWER DISTRIBUTION (Candela)

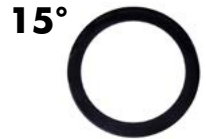


### LUMINAIRE LIGHT OUTPUT AND EFFICACY

LED Module Type	Luminaire Light Output	Luminaire CBCP	Luminaire Efficacy (lms/watt)	System Wattage
1500 Lumens 97 CRI (L15A)	828*	6977*	59*	14
2100 Lumens 97 CRI (L21A)	1141*	9617*	60*	19
2800 Lumens 97 CRI (L28A)	1544*	13011*	57*	27
3000 Lumens 97 CRI (L30A)	1722*	14520*	54*	32
1700 Lumens 90 CRI (L17H)	940*	7920*	67*	14
2300 Lumens 90 CRI (L23H)	1297*	10937*	68*	19
3100 Lumens 90 CRI (L31H)	1722*	14520*	64*	27
3400 Lumens 90CRI (L34H)	1924*	16217*	60*	32
1900 Lumens 80 CRI (L19S)	1096*	9240*	78*	14
2700 Lumens 80 CRI (L27S)	1521*	12823*	80*	19
3600 Lumens 80 CRI (L36S)	2036*	17160*	75*	27
4000 Lumens 80 CRI (L40S)	2237	18857	69	32

\*estimated values

## PHOTOMETRIC REPORT with 15° reflector (tested per IESNA LM-79-2008)



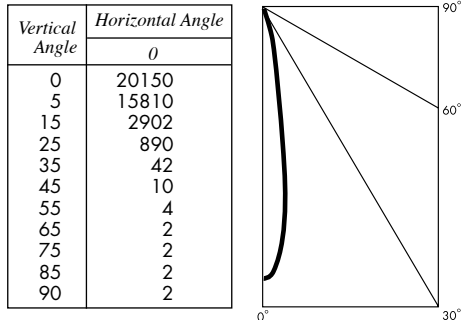
UL Verification Services Report No. 12713115.01A. Original test report furnished upon request.

Luminaire ..... track-mounted LED accent light with a 15° reflector and open aperture (NO LENS)

Lamp ..... Citizen LED Module, 4000 lumens, 3000K

Lamp Life ..... see above

### CANDLEPOWER DISTRIBUTION (Candela)



### LUMINAIRE LIGHT OUTPUT AND EFFICACY

LED Module Type	Luminaire Light Output	Luminaire CBCP	Luminaire Efficacy (lms/watt)	System Wattage
1500 Lumens 97 CRI (L15A)	898*	7456*	64*	14
2100 Lumens 97 CRI (L21A)	1237*	10277*	65*	19
2800 Lumens 97 CRI (L28A)	1674*	13904*	62*	27
3000 Lumens 97 CRI (L30A)	1868*	15516*	58*	32
1700 Lumens 90 CRI (L17H)	1019*	8463*	73*	14
2300 Lumens 90 CRI (L23H)	1407*	11687*	74*	19
3100 Lumens 90 CRI (L31H)	1868*	15516*	69*	27
3400 Lumens 90CRI (L34H)	2086*	17329*	65*	32
1900 Lumens 80 CRI (L19S)	1189*	9874*	85*	14
2700 Lumens 80 CRI (L27S)	1650*	13702*	87*	19
3600 Lumens 80 CRI (L36S)	2208*	18337*	82*	27
4000 Lumens 80 CRI (L40S)	2426	20150	76	32

\*estimated values

## PHOTOMETRIC REPORT with 31° reflector (tested per IESNA LM-79-2008)



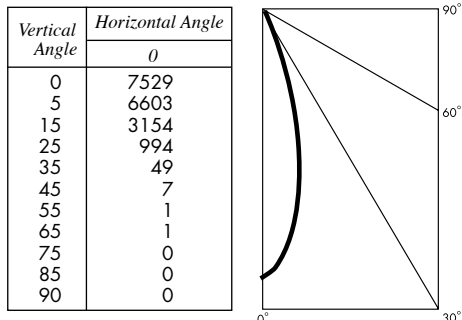
UL Verification Services Report No. 12713115.06A. Original test report furnished upon request.

Luminaire ..... track-mounted LED accent light with a 31° reflector and black cross-baffle (NO LENS)

Lamp ..... Citizen LED Module, 4000 lumens, 3000K

Lamp Life ..... see above

### CANDLEPOWER DISTRIBUTION (Candela)



### LUMINAIRE LIGHT OUTPUT AND EFFICACY

LED Module Type	Luminaire Light Output	Luminaire CBCP	Luminaire Efficacy (lms/watt)	System Wattage
1500 Lumens 97 CRI (L15A)	707*	2794*	50*	14
2100 Lumens 97 CRI (L21A)	974*	3851*	51*	19
2800 Lumens 97 CRI (L28A)	1318*	5210*	49*	27
3000 Lumens 97 CRI (L30A)	1471*	5814*	46*	32
1700 Lumens 90 CRI (L17H)	802*	3171*	57*	14
2300 Lumens 90 CRI (L23H)	1108*	4379*	58*	19
3100 Lumens 90 CRI (L31H)	1471*	5814*	54*	27
3400 Lumens 90CRI (L34H)	1643*	6493*	51*	32
1900 Lumens 80 CRI (L19S)	936*	3700*	67*	14
2700 Lumens 80 CRI (L27S)	1299*	5134*	68*	19
3600 Lumens 80 CRI (L36S)	1738*	6871*	64*	27
4000 Lumens 80 CRI (L40S)	1910	7550	59	32

\*estimated values

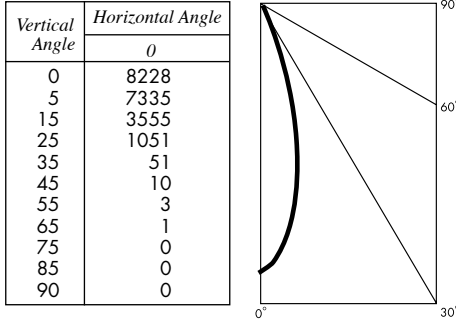
## PHOTOMETRIC REPORT with 31° reflector (tested per IESNA LM-79-2008)



UL Verification Services Report No. 12713115.02A. Original test report furnished upon request.

Luminaire ..... track-mounted LED accent light with a 31° reflector and open aperture (NO LENS)  
 Lamp ..... Citizen LED Module, 4000 lumens, 3000K  
 Lamp Life ..... rated 50.000 hours based on L70/B50 criteria. LM80 report by LED manufacturer furnished upon request

### CANDLEPOWER DISTRIBUTION (Candela)



### LUMINAIRE LIGHT OUTPUT AND EFFICACY

LED Module Type	Luminaire Light Output	Luminaire CBCP	Luminaire Efficacy (lms/watt)	System Wattage
1500 Lumens 97 CRI (L15A)	785*	3044*	56*	14
2100 Lumens 97 CRI (L21A)	1082*	4196*	57*	19
2800 Lumens 97 CRI (L28A)	1463*	5677*	54*	27
3000 Lumens 97 CRI (L30A)	1633*	6336*	51*	32
1700 Lumens 90 CRI (L17H)	891*	3456*	64*	14
2300 Lumens 90 CRI (L23H)	1230*	4772*	65*	19
3100 Lumens 90 CRI (L31H)	1633*	6336*	60*	27
3400 Lumens 90CRI (L34H)	1824*	7076*	57*	32
1900 Lumens 80 CRI (L19S)	1039*	4032*	74*	14
2700 Lumens 80 CRI (L27S)	1442*	5595*	76*	19
3600 Lumens 80 CRI (L36S)	1930*	7487*	71*	27
4000 Lumens 80 CRI (L40S)	2121	8228	66	32

\*estimated values

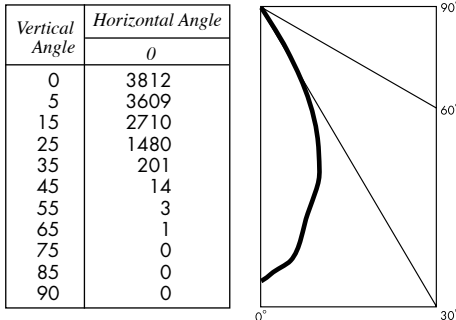
## PHOTOMETRIC REPORT with 40° reflector (tested per IESNA LM-79-2008)



UL Verification Services Report No. 12713115.07A. Original test report furnished upon request.

Luminaire ..... track-mounted LED accent light with a 40° reflector and black cross-baffle (NO LENS)  
 Lamp ..... Citizen LED Module, 4000 lumens, 3000K  
 Lamp Life ..... see above

### CANDLEPOWER DISTRIBUTION (Candela)

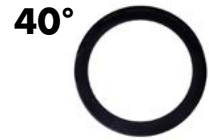


### LUMINAIRE LIGHT OUTPUT AND EFFICACY

LED Module Type	Luminaire Light Output	Luminaire CBCP	Luminaire Efficacy (lms/watt)	System Wattage
1500 Lumens 97 CRI (L15A)	705	1410	50	14
2100 Lumens 97 CRI (L21A)	972	1944	51	19
2800 Lumens 97 CRI (L28A)	1314	2630	49	27
3000 Lumens 97 CRI (L30A)	1467	2935	46	32
1700 Lumens 90 CRI (L17H)	800	1601	57	14
2300 Lumens 90 CRI (L23H)	1105	2211	58	19
3100 Lumens 90 CRI (L31H)	1467	2935	54	27
3400 Lumens 90CRI (L34H)	1638	3278	51	32
1900 Lumens 80 CRI (L19S)	933	1868	67	14
2700 Lumens 80 CRI (L27S)	1295	2592	68	19
3600 Lumens 80 CRI (L36S)	1734	3469	64	27
4000 Lumens 80 CRI (L40S)	1905	3812	59	32

\*estimated values

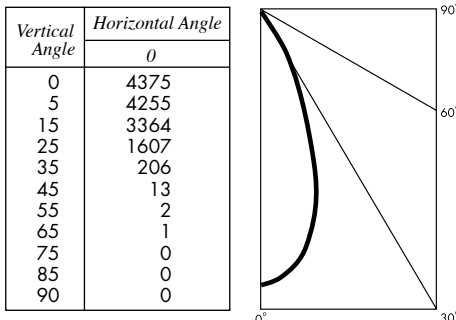
## PHOTOMETRIC REPORT with 40° reflector (tested per IESNA LM-79-2008)



UL Verification Services Report No. 12713115.03A. Original test report furnished upon request.

Luminaire ..... track-mounted LED accent light with a 40° reflector and open aperture (NO LENS)  
 Lamp ..... Citizen LED Module, 4000 lumens, 3000K  
 Lamp Life ..... see above

### CANDLEPOWER DISTRIBUTION (Candela)



### LUMINAIRE LIGHT OUTPUT AND EFFICACY

LED Module Type	Luminaire Light Output	Luminaire CBCP	Luminaire Efficacy (lms/watt)	System Wattage
1500 Lumens 97 CRI (L15A)	810*	1619*	58*	14
2100 Lumens 97 CRI (L21A)	1117*	2231*	59*	19
2800 Lumens 97 CRI (L28A)	1511*	3019	56*	27
3000 Lumens 97 CRI (L30A)	1686*	3369*	53*	32
1700 Lumens 90 CRI (L17H)	920*	1838*	66*	14
2300 Lumens 90 CRI (L23H)	1270*	2538*	67*	19
3100 Lumens 90 CRI (L31H)	1686*	3369*	62*	27
3400 Lumens 90CRI (L34H)	1883*	3763*	59*	32
1900 Lumens 80 CRI (L19S)	1073*	2144*	77*	14
2700 Lumens 80 CRI (L27S)	1489*	2975*	78*	19
3600 Lumens 80 CRI (L36S)	1993*	3981*	74*	27
4000 Lumens 80 CRI (L40S)	2190	4375	67	32

\*estimated values

## PHOTOMETRIC REPORT with 56° reflector (tested per IESNA LM-79-2008)

Ⓛ Verification Services Report No. 12713115.08A. Original test report furnished upon request.

Luminaire ..... track-mounted LED accent light with a 56° reflector and black cross-baffle (NO LENS)

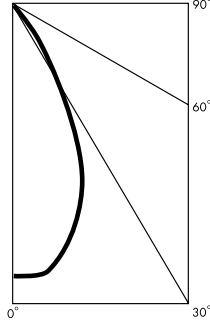
Lamp ..... Citizen LED Module, 4000 lumens, 3000K

Lamp Life ..... rated 50.000 hours based on L70/B50 criteria. LM80 report by LED manufacturer furnished upon request



### CANDLEPOWER DISTRIBUTION (Candela)

Vertical Angle	Horizontal Angle
	0
0	2574
5	2565
15	2135
25	1250
35	268
45	72
55	22
65	3
75	1
85	0
90	0



### LUMINAIRE LIGHT OUTPUT AND EFFICACY

LED Module Type	Luminaire Light Output	Luminaire CBCP	Luminaire Efficacy (lms/watt)	System Wattage
1500 Lumens 97 CRI (L15A)	621*	955*	44*	14
2100 Lumens 97 CRI (L21A)	856*	1316*	45*	19
2800 Lumens 97 CRI (L28A)	1159*	1780*	43*	27
3000 Lumens 97 CRI (L30A)	1293*	1987*	40*	32
1700 Lumens 90 CRI (L17H)	705*	1084*	50*	14
2300 Lumens 90 CRI (L23H)	974*	1496*	51*	19
3100 Lumens 90 CRI (L31H)	1293*	1987*	48*	27
3400 Lumens 90CRI (L34H)	1444*	2219*	45*	32
1900 Lumens 80 CRI (L19S)	823*	1264*	59*	14
2700 Lumens 80 CRI (L27S)	1142*	1754*	60*	19
3600 Lumens 80 CRI (L36S)	1528*	2348*	57*	27
4000 Lumens 80 CRI (L40S)	1679	2580	52	32

\*estimated values

## PHOTOMETRIC REPORT with 56° reflector (tested per IESNA LM-79-2008)

Ⓛ Verification Services Report No. 12713115.04A. Original test report furnished upon request.

Luminaire ..... track-mounted LED accent light with a 56° reflector and open aperture (NO LENS)

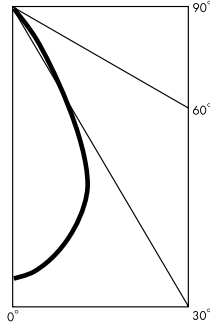
Lamp ..... Citizen LED Module, 4000 lumens, 3000K

Lamp Life ..... see above



### CANDLEPOWER DISTRIBUTION (Candela)

Vertical Angle	Horizontal Angle
	0
0	3042
5	2965
15	2518
25	1654
35	471
45	178
55	47
65	3
75	1
85	0
90	0



### LUMINAIRE LIGHT OUTPUT AND EFFICACY

LED Module Type	Luminaire Light Output	Luminaire CBCP	Luminaire Efficacy (lms/watt)	System Wattage
1500 Lumens 97 CRI (L15A)	808*	1126*	58*	14
2100 Lumens 97 CRI (L21A)	1114*	1551*	59*	19
2800 Lumens 97 CRI (L28A)	1508*	2099*	56*	27
3000 Lumens 97 CRI (L30A)	1682*	2342*	53*	32
1700 Lumens 90 CRI (L17H)	918*	1278*	66*	14
2300 Lumens 90 CRI (L23H)	1267*	1764*	67*	19
3100 Lumens 90 CRI (L31H)	1682*	2342*	62*	27
3400 Lumens 90CRI (L34H)	1879*	2616*	59*	32
1900 Lumens 80 CRI (L19S)	1071*	1491*	76*	14
2700 Lumens 80 CRI (L27S)	1486*	2069*	78*	19
3600 Lumens 80 CRI (L36S)	1988*	2768*	74*	27
4000 Lumens 80 CRI (L40S)	2185	3042	67	32

\*estimated values