

ZIMMER DEVELOPMENT
COMPANY

INSPIRATION AT SOUTH POINTE
LEE COUNTY, FLORIDA

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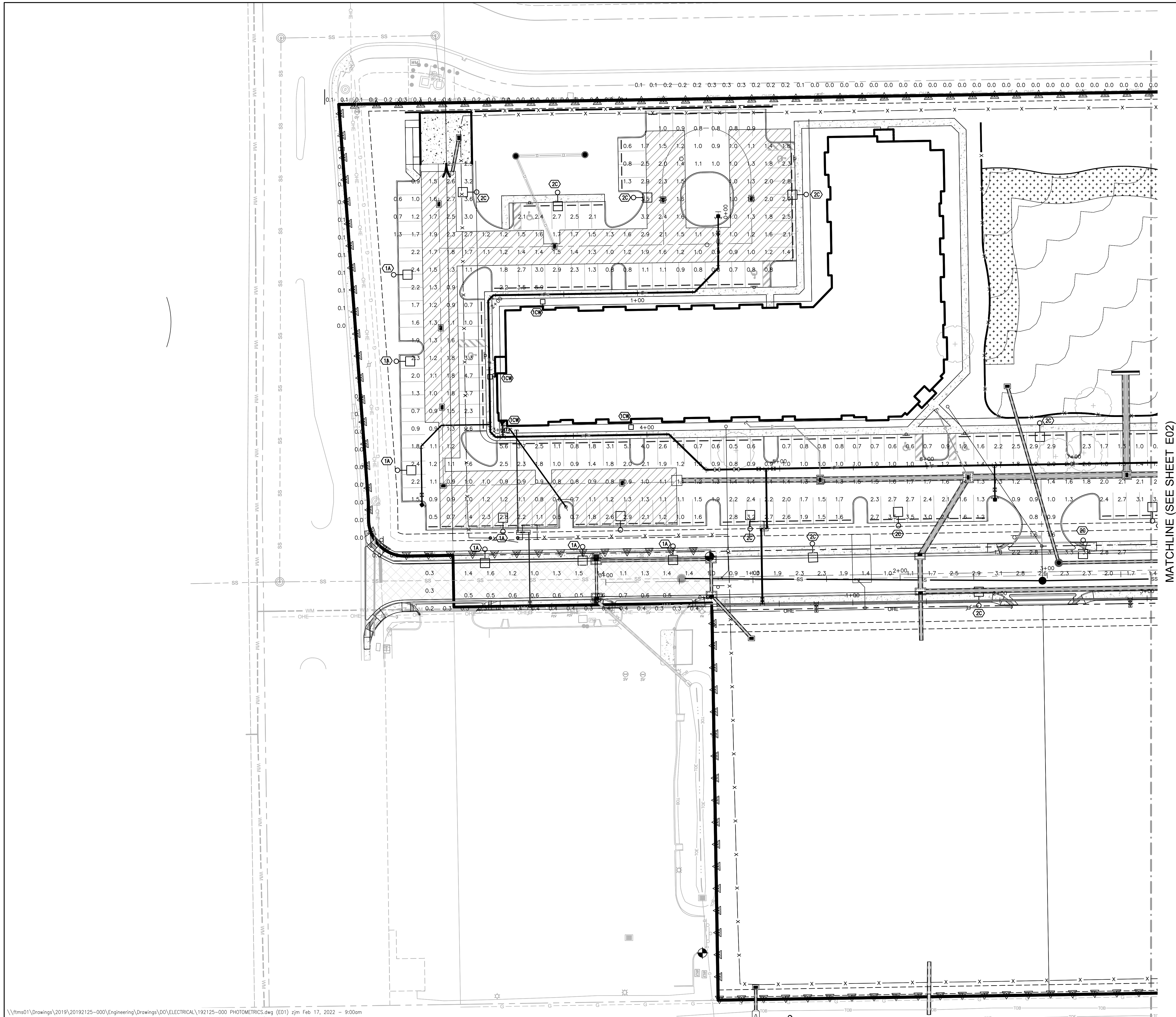
DATE:	JUNE 2021
PROJECT NO.	20192125-000
FILE NO.	15-45-24
SCALE:	1" = 30'

PHOTOMETRICS

PLAN

SHEET NUMBER

E01



REVISIONS

NO.	DESCRIPTION	DATE

DATE: JUNE 2021
PROJECT NO. 20192125-000
FILE NO. 15-45-24
SCALE: 1" = 30'

PHOTOMETRICS
PLAN

SHEET NUMBER

E02

MATCHLINE (SEE SHEET E01)

CALLOUT	SYM.	QTY.	WATTS	MTG	DESCRIPTION	LUMENS	LUMINAIRE	POLE	BUG RATING	VOLTS	IES FILE	ELEV
1A		20	(1) 67W	POLE MOUNT, DIRECT BURIAL	GALLEON AREA AND ROADWAY LUMINAIRE(1) 70 CRI, 5000K, 615mA LIGHTSQUARE WITH 16 LEDS AND TYPE IV SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD, WEIGHT = 33 LBS, EPA = 0.96, DARK PLATINUM	3960	COOPER LIGHTING SOLUTIONS – GLEON-SA1A-750-U-SL4-HSS-DP	HAPCO: RSA-14-C-5-D-01, EPA = 2.1 @ 160MPH W/VIB. DAMPENER, SATIN ALUMINUM FINISH	B1-U0-G3	MULTIPLE	GLEON-SA1A-750-U-SL4-HSS	14'
1CFT		2	(1) 59W	WALL MOUNT	GALLEON WALL LUMINAIRE(1) 70 CRI, 5000K, 1050mA LIGHTSQUARE WITH 16 LEDS AND TYPE IV FORWARD THROW OPTICS, DARK PLATINUM	7599	EATON GAW-SA1C-750-U-T4FT-DP	N/A	B1-U0-G3	MULTIPLE	GAW-SA1C-750-U-T4FT	12'
1CW		14	(1) 59W	WALL MOUNT	GALLEON WALL LUMINAIRE(1) 70 CRI, 5000K, 1050mA LIGHTSQUARE WITH 16 LEDS AND TYPE IV WIDE OPTICS, DARK PLATINUM	7502	EATON GAW-SA1C-750-U-T4W-DP	N/A	B2-U0-G2	MULTIPLE	GAW-SA1C-750-U-T4W	12'
2C		29	(1) 113W	POLE MOUNT, DIRECT BURIAL	GALLEON AREA AND ROADWAY LUMINAIRE(2) 70 CRI, 5000K, 1050mA LIGHTSQUARES WITH 16 LEDS EACH AND TYPE IV SPILL LIGHT ELIMINATOR OPTICS WITH HOUSE SIDE SHIELD, WEIGHT = 33 LBS, EPA = 0.96, DARK PLATINUM	13751	EATON GLEON SA2C-750-U-SL4-HSS-DP	HAPCO: RSA-25-C-6-D-01, EPA = 2.4 @ 160MPH W/VIB. DAMPENER, SATIN ALUMINUM FINISH	B2-U0-G4	MULTIPLE	GLEON-SA2C-750-U-SL4-HSS	25'

AVERAGE FOOT-CANDLES	1.8
MAXIMUM FOOT-CANDLES	5.9
MINIMUM FOOT-CANDLES	0.5
AVERAGE TO MINIMUM FC RATIO	4.0

AVERAGE FOOT-CANDLES	1.8
MAXIMUM FOOT-CANDLES	3.3
MINIMUM FOOT-CANDLES	0.5
AVERAGE TO MINIMUM FC RATIO	3.7

AVERAGE FOOT-CANDLES	0.1
MAXIMUM FOOT-CANDLES	0.5
MINIMUM FOOT-CANDLES	0.0

NOTES:

1. THE CONTRACTOR SHALL COMPLY WITH THE FLORIDA BUILDING CODE, N.E.C., RELEVANT LAND DEVELOPMENT AND LOCAL CODES
2. WORK SHALL INCLUDE ALL LABOR, MATERIALS, PERMITS AND COSTS FOR INSTALLATION OF A COMPLETE ELECTRICAL SYSTEM.
3. ALL EQUIPMENT, FIXTURES, ETC. SHALL BE STARTED, TESTED, ADJUSTED AND PLACED IN SATISFACTORY OPERATING CONDITION BY THE CONTRACTOR. CONTRACTOR SHALL GUARANTEE ALL WORKMANSHIP, MATERIALS AND EQUIPMENT TO BE FREE OF DEFECTS FOR A PERIOD OF ONE YEAR FROM DATE OF CERTIFICATE OF OCCUPANCY, AND SHALL REPAIR SUCH DEFECTS WITHOUT COST TO THE OWNER. CONTRACTOR SHALL FURNISH ALL WARRANTIES TO THE OWNER.
4. TANDEM CIRCUIT BREAKERS WILL NOT BE PERMITTED.
5. CONDUCTORS SHALL BE TYPE THHN/THWN, OR XHHW COPPER. ALL CONDUCTORS SHALL BE RATED FOR 75C.
6. ALL ELECTRICAL EQUIPMENT SHALL BE ADEQUATELY LABELED WITH ENGRAVED PLASTIC LABELS PERMANENTLY AFFIXED TO THE EQUIPMENT ENCLOSURE.
7. CONDUIT BELOW GRADE SHALL BE SCHEDULE 40 PVC. EXPOSED CONDUIT ABOVE GRADE SHALL BE SCHEDULE 80 PVC.
8. FIELD VERIFY EXISTING CONDITIONS AND COORDINATE REQUIREMENTS OF NEW WORK.
9. DRAWINGS ARE DIAGRAMMATIC AND INTENDED TO CONVEY THE GENERAL SCOPE OF WORK TO INDICATE THE APPROXIMATE LOCATIONS OF WORK. ALL ITEMS REQUIRED FOR A COMPLETE INSTALLATION SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.COORDINATE ALL WORK WITH THE AUTHORITIES HAVING JURISDICTION AND THE LOCAL UTILITIES.
10. THE CONTRACTOR SHALL PROTECT ALL UTILITIES AND OTHER IMPROVEMENTS. THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR REPAIRS OF UTILITIES AND OTHER IMPROVEMENTS DAMAGED AS A RESULT OF THIS WORK.
11. POLE LOCATIONS SHALL BE COORDINATED WITH OTHER CONSTRUCTION. IF A PROPOSED POLE LOCATION CONFLICTS WITH OTHER CONSTRUCTION, THE ENGINEER SHALL BE NOTIFIED SO THAT THE LOCATION CAN BE ADJUSTED ACCORDINGLY.
12. PHOTOMETRICS VALUES ARE DERIVED FROM DESIGN MASTER PHOTOMETRICS SOFTWARE VER. 1.1.35
13. PHOTOMETRIC CALCULATIONS DO NOT INCLUDE A LIGHT LOSS FACTOR.
14. AT THE TIME OF INSPECTION FOR A CERTIFICATE OF COMPLIANCE, INITIAL ILLUMINATION MAY NOT EXCEED 0.5 FOOTCANDLES AT THE PROPERTY LINE, OR 0.2 FOOTCANDLES MEASURED AT 10-FT INTO AN ADJACENT RESIDENTIALLY ZONED PROPERTY.

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DATE:	JUNE 2021
PROJECT NO.	20192125-000
FILE NO.	15-45-24
SCALE:	As Shown

Dimensional Details

Number of Light Sources	"A" Width	"B" Standard Arm Length	"B" Extended Arm Length	"B" Quick Mount Arm Length	"B" Quick Mount Extended Arm Length
1-4	15-1/2"	7"	10"	10-5/8"	16-9/16"
5-6	21-5/8"	7"	10"	10-5/8"	16-9/16"
7-8	27-5/8"	7"	13"	10-5/8"	—
9-10	33-3/4"	7"	16"	—	—

NOTES:
For arm extension requirements and additional for use, see Mounting Detail section.

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 Lighting Solutions
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 P8500020EN page
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20  www.hapco.com **FLORIDA BUILDING CODE GUIDE** **WARNING:** Do not install light pole without luminaire.


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EPA Note:
CMAA is not an agency under the Federal Acquisition Regulation (FAR) and is not subject to the FAR.

FLORIDA BUILDING CODE GUIDE
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NO.	DATE

DATE: JUNE 2021
PROJECT NO. 20191215-000
FILE NO. 15-45-24
SCALE: As ShownPHOTOMETRICS
PLAN

SHEET NUMBER

E05

Project	Catalog #	Type
Prepared by	Notes	Date



Streetworks

GAW Galleon Wall

Wall Mount Luminaire

Typical Applications

Exterior Wall • Walkway

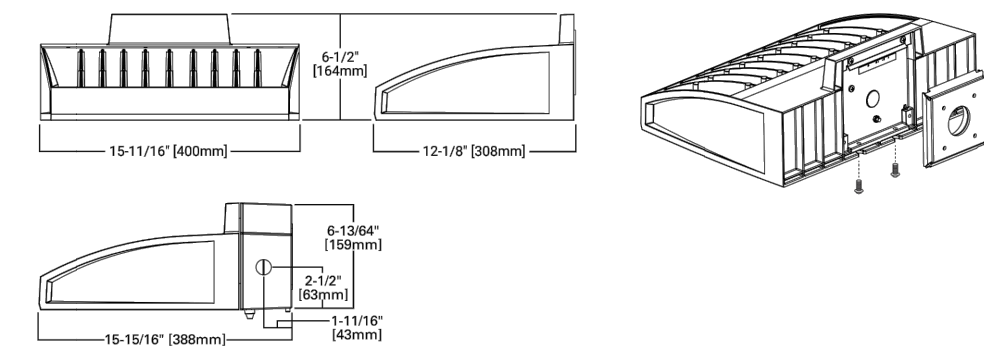
Interactive Menu

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- Energy and Performance Data page 4
- Control Options page 5

Quick Facts

- Choice of thirteen high-efficiency, patented AccuLED Optics*
- Downward and inverted wall mounting configurations
- Eight lumen packages from 3,215 up to 17,556
- Efficacies up to 154 lumens per watt

Dimensional Details

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January 7, 2021 8:59 AM

Streetworks

GAW Galleon Wall

Ordering Information

SAMPLE NUMBER: GAW-SAC2-740-U-T4FT-GM

Product Family ¹	Light Engine		Color Temperature	Voltage	Distribution	Finish
	Configuration	Drive Current				
GAW-Galleon Wall	EA-100 Series	A-11mA	722-100K, 2000K	8-30.27V	T2-Type II	AP-Cover
	AccuLED Optics	A-20mA	722-100K, 2700K	8-30.27V	2-Beam	EC-Innove
		A-30mA	722-100K, 3000K	8-30.27V	10° Type I or Forward Throw	EC-Innove
		A-40mA	722-100K, 3500K	8-30.27V	10° Type I or Forward Throw	EC-Innove
		A-50mA	722-100K, 4000K	8-30.27V	10° Type I or Forward Throw	EC-Innove
		A-60mA	722-100K, 4500K	8-30.27V	10° Type I or Forward Throw	EC-Innove
		A-70mA	722-100K, 5000K	8-30.27V	10° Type I or Forward Throw	EC-Innove
		A-80mA	722-100K, 5500K	8-30.27V	10° Type I or Forward Throw	EC-Innove
		A-90mA	722-100K, 6000K	8-30.27V	10° Type I or Forward Throw	EC-Innove
		A-100mA	722-100K, 6500K	8-30.27V	10° Type I or Forward Throw	EC-Innove
		722-100K, 7000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 7500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 8000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 8500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 9000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 9500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 10000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 10500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 11000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 11500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 12000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 12500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 13000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 13500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 14000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 14500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 15000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 15500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 16000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 16500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 17000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 17500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 18000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 18500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 19000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 19500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 20000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 20500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 21000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 21500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 22000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 22500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 23000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
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		722-100K, 25500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 26000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 26500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 27000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 27500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 28000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 28500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 29000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 29500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 30000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 30500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 31000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 31500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 32000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 32500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 33000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 33500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 34000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 34500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
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		722-100K, 38000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 38500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 39000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 39500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 40000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 40500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
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		722-100K, 41500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 42000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 42500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
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		722-100K, 46000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
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		722-100K, 79000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 79500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 80000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 80500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 81000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 81500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 82000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 82500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 83000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 83500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 84000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 84500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 85000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 85500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 86000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 86500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 87000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 87500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 88000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 88500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 89000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 89500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 90000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 90500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 91000K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 91500K	8-30.27V	10° Type I or Forward Throw	EC-Innove	
		722-100K, 92000K	8-			