DATE: LOCATION:

TYPE: PROJECT:

CATALOG #:

NC-AL Series

LED SHOEBOX AREA LIGHT

DESCRIPTION

General Purpose LED Shoebox Area Light | Power Select 150W/120W/100W or 300W/240W/200W | CCT Select 3000/4000/5000K | 120-277V or 277-480V Input | Bronze or White Housing | 0-10V Dimming



APPLICATION

Perfect for outdoor area lighting and good for medium-height parking lot poles and new construction applications in industrial outdoor applications, such as parking lots, roadways, and outdoor applications.

PRODUCT FEATURES

- Power selectable switch (150W/120W/100W or 300W/240W/200W)
- CCT selectable switch (3000/4000/5000K)
- Die cast-aluminum housing, good dissipation
- Photocell /Motion sensor function options
- Type III light distribution
- Powered by LED 0-10V dimming driver
- Ambient operating temperature:−40°F to 113°F (-40°C to +45°C)
- UL certified for wet locations
- Power Factor:≥0.9
- THD:< 20%
- L70 @ >50,000 hrs @ 25°C/77°F ambient fixture temperature
- IP Rating: IP65
- IK Rating: IK08

PERFORMANCE SPECIFICATIONS

SKU Code	DLC Product ID	Model	Wattage	Voltage	Current	Lumens	Efficacy	CCT	Dimming	Nominal Size
311100	/	NC-AL150W-3CCT-T3	(100W, 120W, 150W)	120-277V	1.38A	17000LM 20400LM 25500LM	170lm/W	(3000K, 4000K, 5000K)	0-10V	16.63"*8.66"*2.07"
311101	/	NC-AL150W-3CCT-P-T3								
311102	/	NC-AL150W-3CCT-M-T3								
311103	/	NC-AL150W-3CCT-T3								
311104	/	NC-AL150WHV-3CCT-T3	(100W, 120W, 150W)	277-480V	0.6A					
311105	/	NC-AL150WHV-3CCT-T3								
311130	/	NC-AL300W-3CCT-SPD-T3	(200W, 240W, 300W)	120-277V	2.8A	34000LM 40800LM 51000LM	170lm/W	(3000K, 4000K, 5000K)	0-10V	20.05"*11.89"*2.07"
311131	/	NC-AL300W-3CCT-PSPD-T3								
311132	/	NC-AL300W-3CCT-MSPD-T3								
311133	/	NC-AL300W-3CCT-SPD-T3								
311134	/	NC-AL300WHV-3CCT-SPD-T3	(200W, 240W, 300W)	277-480V	1.2A					
311135	/	NC-AL300WHV-3CCT-SPD-T3								

Note: Preset to highest wattage (5000K)
Note: Color uniformity: CCT (Correlated Color Temperature) range as per guidelines outlined in ANSI C78.377-2017

DATE: LOCATION:

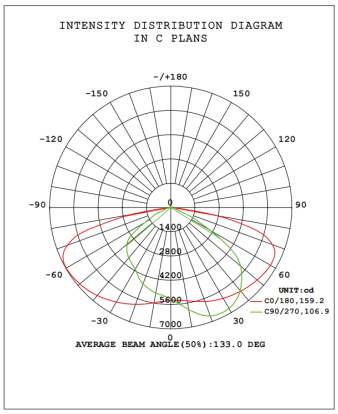
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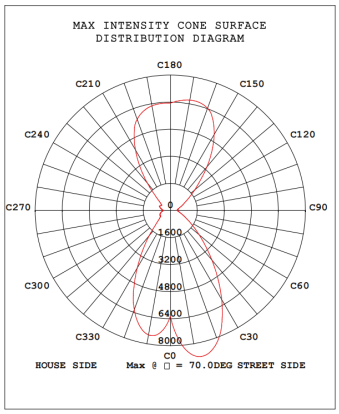
CATALOG #:

GridMax Series
LED SHOEBOX AREA LIGHT FIXTURE

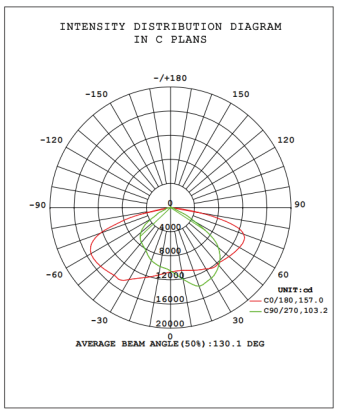
PHOTOMETRIC SPECIFICATIONS

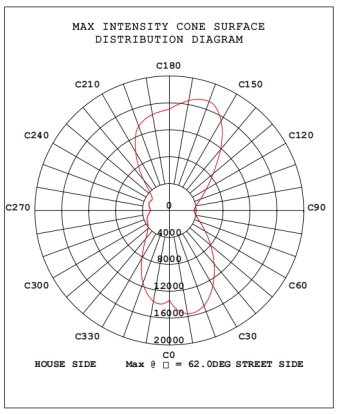
POLAR CANDELA DISTRIBUTION





150W



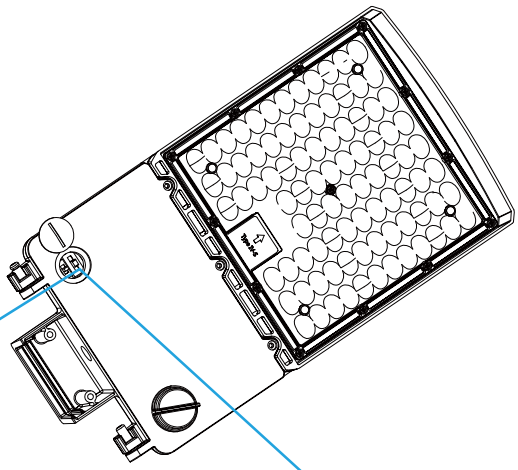


300W

POWER SELECT (WATTAGE) AND COLOR SELECT (CCT) ADJUSTMENT

This fixture is equipped with power selectable switch and CCT selectable switch.

1. Ensure power is off to the fixture.
2. Unscrew the cap.
3. Flip the CCT selectable switch and power selectable switch to the desired settings.
4. Tighten the cap.

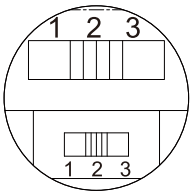


POWER SWITCH

POWER SELECT ADJUSTMENT SWITCH

Set dip switch to adjust wattage between (100W,120W, 150W or 200W,240W, 300W) .

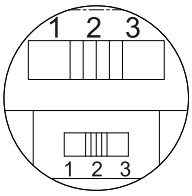
Fixture comes preset at highest wattage.



CCT SWITCH

CCT SELECT ADJUSTMENT SWITCH

Set dip switch to adjust CCT between 3000K, 4000K, and 5000K. Fixture comes present at 5000K.



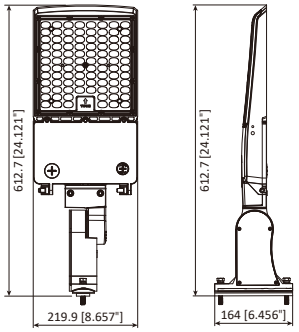
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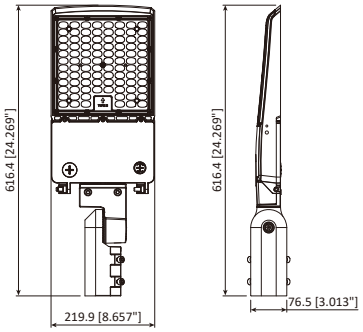
GridMax Series
LED SHOEBOX AREA LIGHT FIXTURE

DIMENSIONS: *(150W)*



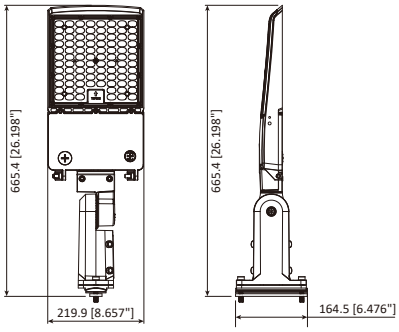
Direct Mount

EPA
Face=Flat=1.45^{12}x1.2=1.74
Front=Flat=0.388^{12}x1.2=0.466
Side=Flat=1.08^{12}x1.2=1.296



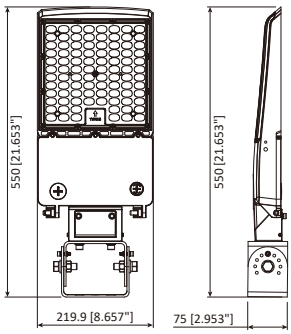
Slip Fitter

EPA
Face=Flat=1.46^{12}x1.2=1.752
Front=Flat=0.181^{12}x1.2=0.217
Side=Flat=0.508^{12}x1.2=0.61



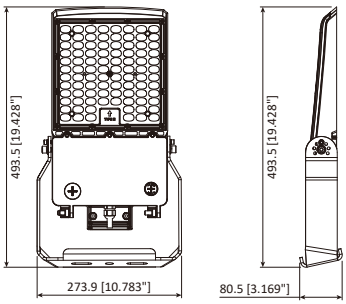
Square/Round Pole Bracket

EPA
Face=Flat=1.57^{12}x1.2=1.884
Front=Flat=0.389^{12}x1.2=0.467
Side=Flat=1.18^{12}x1.2=1.416



Trunnion Mount

EPA
Face=Flat=1.301^{12}x1.2=1.561
Front=Flat=0.178^{12}x1.2=0.214
Side=Flat=0.444^{12}x1.2=0.533



U Bracket Mount

EPA
Face=Flat=1.455^{12}x1.2=1.746
Front=Flat=0.237^{12}x1.2=0.284
Side=Flat=0.428^{12}x1.2=0.513

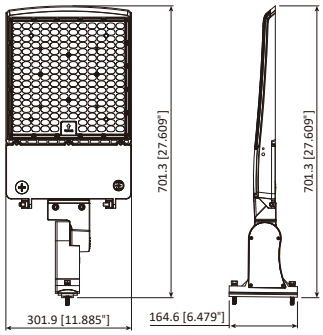
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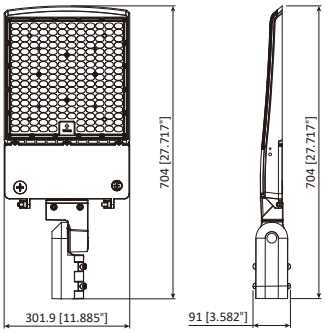
GridMax Series
LED SHOEBOX AREA LIGHT FIXTURE

DIMENSIONS: *(300W)*



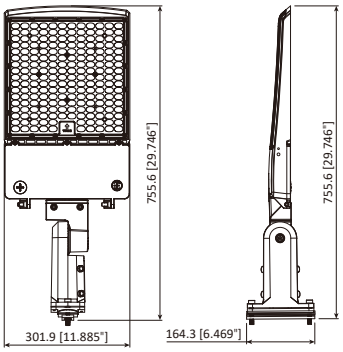
Direct Mount

EPA
Face=Flat=2.279'²x1.2=2.735
Front=Flat=0.535'²x1.2=0.642
Side=Flat=1.242'²x1.2=1.49



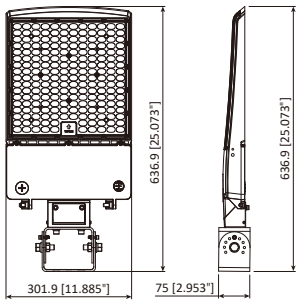
Slip Fitter

EPA
Face=Flat=2.288'²x1.2=2.746
Front=Flat=0.296'²x1.2=0.355
Side=Flat=0.689'²x1.2=0.827



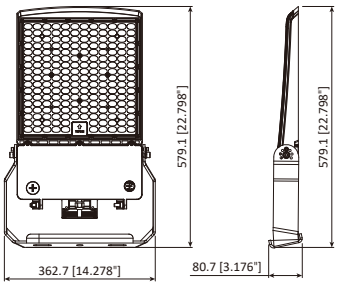
Square/Round Pole Bracket

EPA
Face=Flat=2.455'²x1.2=2.946
Front=Flat=0.534'²x1.2=0.64
Side=Flat=1.336'²x1.2=1.603



Trunnion Mount

EPA
Face=Flat=2.069'²x1.2=2.483
Front=Flat=0.244'²x1.2=0.293
Side=Flat=0.514'²x1.2=0.617



U Bracket Mount

EPA
Face=Flat=2.26'²x1.2=2.712
Front=Flat=0.315'²x1.2=0.378
Side=Flat=0.503'²x1.2=0.604

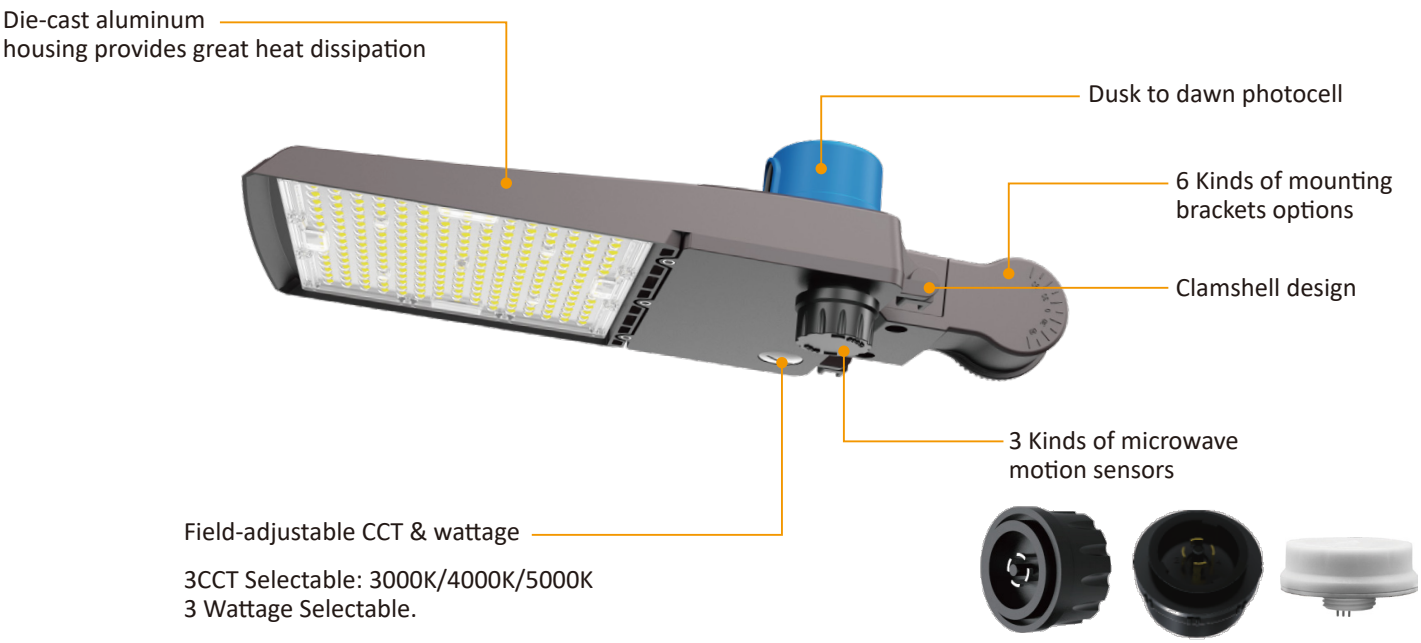
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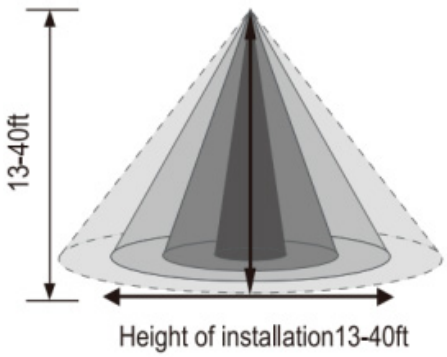
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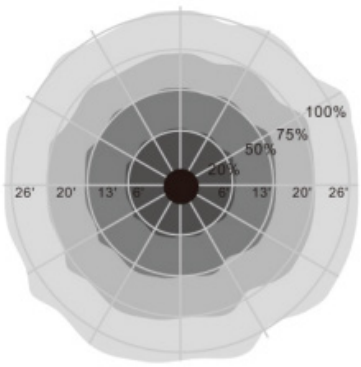
GridMax Series
LED SHOEBOX AREA LIGHT FIXTURE

Key Features



Sensor Coverage





BUG RATING

150W	300W
3000K B3-U0-G3	3000K B5-U0-G4
4000K B4-U0-G3	4000K B5-U0-G4
5000K B4-U0-G3	5000K B4-U0-G4

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GridMax Series
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Accessories (Sold Separately)



DC Zhaga microwave motion sensor (Haisen)



DC Zhaga microwave motion sensor (Sharkward)



DC Plug-in microwave motion sensor (Sharkward)



AC Photocell (Dusk to dawn)

Mounting Bracket



Bronze



White

Slip Fitter(SF)

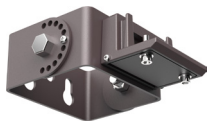


Bronze

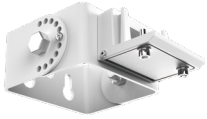


White

Direct Mount(DI)



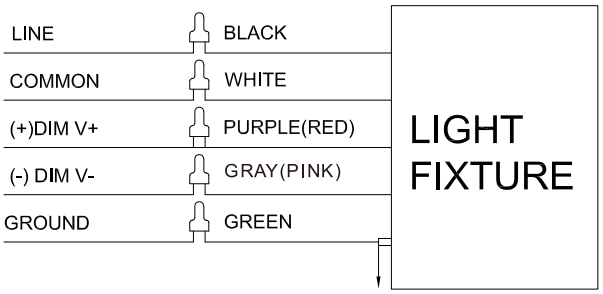
Bronze



White

Trunnion Mount(TR)

WIRING DIAGRAMS



PACKING INFO

Item	QTY	Carton-MM	N.W(KG)	G.W(KG)	20GP	40GP	40HQ
NC-AL150W	1PCS	575*285*125mm 22.63" X 11.22" X4.92"	2.35	3.35	1366PCS	2636PCS	3319PCS
NC-AL300W	1PCS	660*381*125mm 25.98" X 15" X4.92"	3.5	4.5	890PCS	1717PCS	2162PCS