

# NERI

## ANTARES S

Source	LED
Voltage	120-277V
Frequency	50/60Hz
EPA	0.80 sqft
Weight	23.14lb
Height	5 5/8" - 10 2/8"
Width	13 3/8"
Lenght	23 7/8" - 28 1/8"

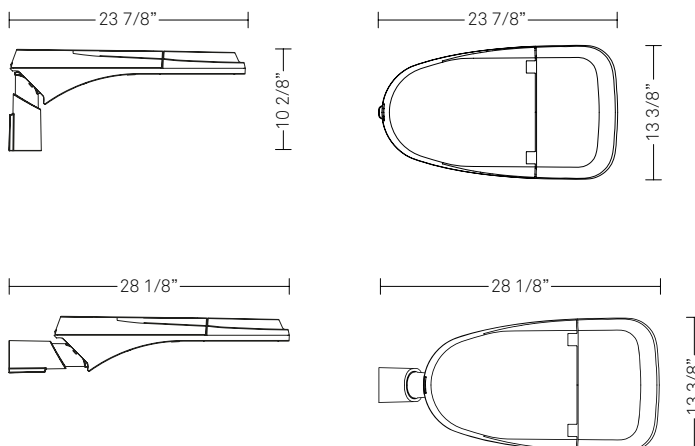
Antares is designed for post top and side mounting, characterized by clean and geometric lines; standard configuration with eight different lighting distributions, three colour temperatures and lumen packages up to 10,500lm.



Compliance:  
UL Standard 1598, UL8750

Project location:	
Project name:	
Model code #:	Date

Fixture type:	
Rev.02	01/2024



Mounting	Series	Optic system	CCT	Lumen output	Driver function	Screen
Post-top / Side	LUANT00	Type II	2,700K	2,500	1-10V + NCL	Transparent glass
		Type III	3,000K	3,500		
		Type IV	4,000K	4,500		
		Type V		6,000		
		Pedestrian crossings		7,500		
				9,000		
				10.500		

### SPECIFICATIONS:

#### Construction:

- Tilting upper frame in aluminum to access the wiring compartment.
- Shield in flat tempered glass with impact resistance IK08 fixed by angle brackets.
- Silicone gasket between the lower frame and cover.
- Integrated heat sink in cast aluminum in continuity with the external frame.
- Polycarbonate reflector.
- Osmotic valve to balance internal/external pressure.
- Dedicated space for any surge protection devices or remote control systems.
- Suitable for wet location.

#### Materials:

- Die-cast aluminum.
- Extra-clear transparent flat glass.
- Stainless steel screws.
- Polycarbonate.

#### Finish:

- Standard color: Neri Gray
- Paint system (see specific technical sheet).

#### Mounting:

- Suitable for post-top and side mounting on tubes from Ø 1 7/8" to Ø 2 3/8", (external diameter Ø 3").
- Bracket with a tilting system of 20° (5° step).
- Adjustable from 0° to +20° with post top configuration and from -5° to +15° with outreach configuration.
- Fixing by two grub screws M8 lock nuts with stainless steel.

#### Operation and maintenance:

- Periodic maintenance for the external cleaning of the structure and the screens from dust and smog and tightening control to the support.

#### Accessories (on request):

- SPD 10kV DM/CM.
- NEMA Socket (3 or 7 pin).
- PIR presence detector.
- White shade for additional backlight control.
- Round / square post universal mounting bracket adapter (code 0006.064.089) suitable for post with diameter from 3" to 6".

### TECHNICAL DATA:

#### Electrical:

- Voltage: 120-277V (universal).
- Rated power: from 15.8 W to 53.6 W.
- Frequency: 50/60Hz.
- Protection rating: IP66, IK08.
- Operating temp.: -31°F / +122°F.
- Electronic power supply with protection against short circuits, overheating and power surges with an estimated duration of 100,000 h.
- Standard surge protection 6kV/10kV.

#### Optical Features:

- LED Type: Lumileds Luxeon 5050
- Source efficacy (Tj = 25°C):  
2,700K CRI70 162 lm/W @ 800mA,  
182 lm/W @ 400mA.  
3,000K CRI70 167 lm/W @ 800mA,  
187 lm/W @ 400mA.  
4,000K CRI70 174 lm/W @ 800mA,  
195 lm/W @ 400mA.
- Lumen output: from 2,500 to 10,500 lm
- Color temperature: 2,700K, 3,000K or 4,000K.
- Chromatic Rendering Index: > 70
- Estimated life: 100,000 hours (L90 - Tq25°C).

### DRIVER FUNCTION:

#### 1-10V + NCL

(Analogic control + Neri Constant Lumen).

# NERI

## STANDARD | TRANSPARENT GLASS

Standard version is equipped with eight lighting distribution and five lumen output choices. Light distributions available are symmetric and asymmetric (Types: Pedestrian, II, III, IV, V); lumen outputs range from 2,500lm to 10,500lm.

Project location:	
Project name:	
Model code #:	Date

Fixture type:	
Rev. 02	01/2024

## 2,700K

lm tot	W tot	lm/W
2,500	17.2	145
3,500	24.4	143
4,500	32.1	140
6,000	42.2	142
7,500	53.6	140
9,000	65.8	137

## 3,000K

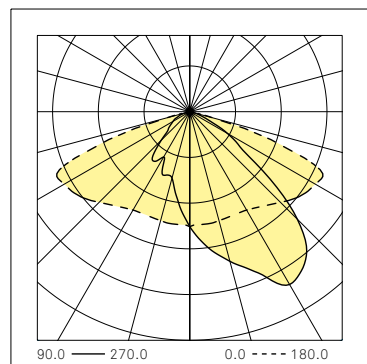
lm tot	W tot	lm/W
2,500	16.6	151
3,500	23.5	149
4,500	30.7	146
6,000	40.6	148
7,500	51.4	146
9,000	62.9	143

## 4,000K

lm tot	W tot	lm/W
2,500	15.8	158
3,500	22.4	156
4,500	29.3	153
6,000	38.8	155
7,500	49.1	153
9,000	60.0	150
10,500	71.6	147

## Type II - D

Distribution type: Asymmetric



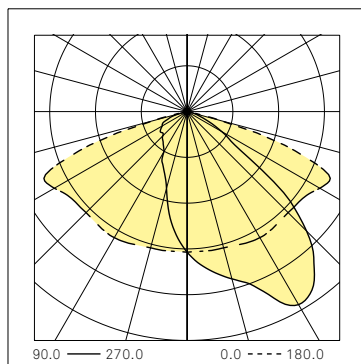
LOR 100%

Full Cutoff



## Type III - B

Distribution type: Asymmetric



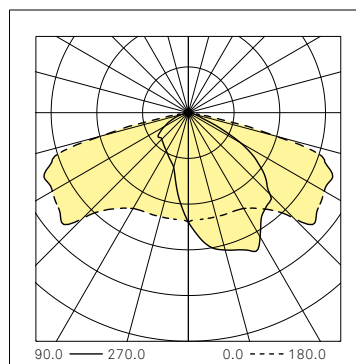
LOR 100%

Full Cutoff



## Type III - C

Distribution type: Asymmetric



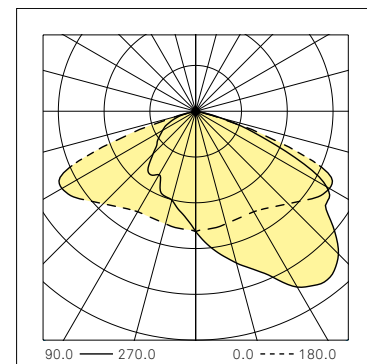
LOR 100%

Full Cutoff



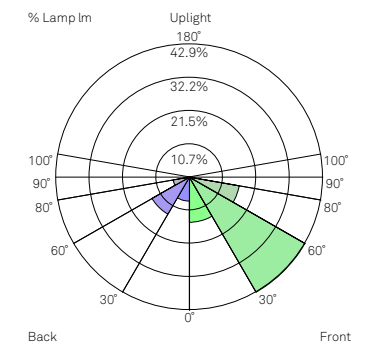
## Type III - H

Distribution type: Asymmetric



LOR 100%

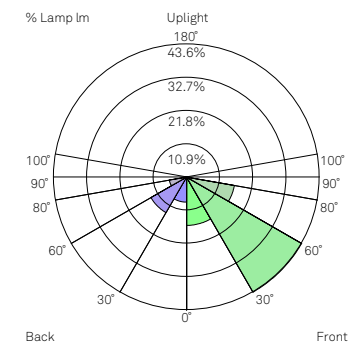
Full Cutoff



Back

Front

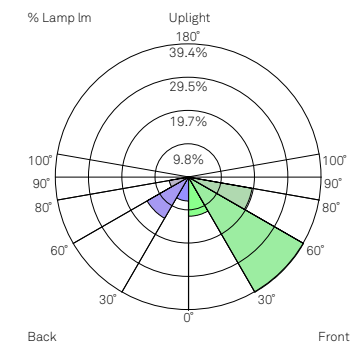
LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	13.9	13.9
FM	30° - 60°	42.9	42.9
FH	60° - 80°	17.4	17.4
FVH	80° - 90°	0.1	0.1
BL	0° - 30°	7.4	7.4
BM	30° - 60°	13.1	13.1
BH	60° - 80°	5.1	5.1
BVH	80° - 90°	0.1	0.1
UL	90° - 100°	0.0	0.0
UH	100° - 180°	0.0	0.0
Totals		100.0	100.0
BUG: B1 U0 G1			



Back

Front

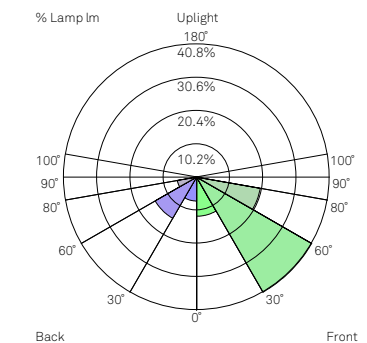
LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	14.4	14.4
FM	30° - 60°	43.6	43.6
FH	60° - 80°	16.1	16.1
FVH	80° - 90°	0.2	0.2
BL	0° - 30°	7.8	7.8
BM	30° - 60°	12.4	12.4
BH	60° - 80°	5.4	5.4
BVH	80° - 90°	0.1	0.1
UL	90° - 100°	0.0	0.0
UH	100° - 180°	0.0	0.0
Totals		100.0	100.0
BUG: B1 U0 G1			



Back

Front

LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	12.8	12.8
FM	30° - 60°	39.4	39.4
FH	60° - 80°	19.7	19.7
FVH	80° - 90°	0.3	0.3
BL	0° - 30°	6.5	6.5
BM	30° - 60°	13.9	13.9
BH	60° - 80°	7.3	7.3
BVH	80° - 90°	0.2	0.2
UL	90° - 100°	0.0	0.0
UH	100° - 180°	0.0	0.0
Totals		100.0	100.0
BUG: B1 U0 G1			



Back

Front

LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	11.3	11.3
FM	30° - 60°	40.8	40.8
FH	60° - 80°	21.3	21.3
FVH	80° - 90°	0.2	0.2
BL	0° - 30°	7.0	7.0
BM	30° - 60°	13.8	13.8
BH	60° - 80°	5.6	5.6
BVH	80° - 90°	0.1	0.1
UL	90° - 100°	0.0	0.0
UH	100° - 180°	0.0	0.0
Totals		100.0	100.0
BUG: B2 U0 G1			

# NERI

Project location:

Project name:

Model code #:

Date

Fixture type:

Rev. 02

01/2024

## STANDARD | TRANSPARENT GLASS

Standard version is equipped with eight lighting distribution and five lumen output choices. Light distributions available are symmetric and asymmetric (Types: Pedestrian, II, III, IV, V); lumen outputs range from 2,500lm to 10,500lm.

## 2,700K

lm tot	W tot	lm/W
2,500	17.2	145
3,500	24.4	143
4,500	32.1	140
6,000	42.2	142
7,500	53.6	140
9,000	65.8	137

## 3,000K

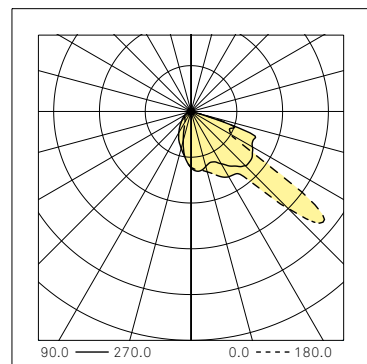
lm tot	W tot	lm/W
2,500	16.6	151
3,500	23.5	149
4,500	30.7	146
6,000	40.6	148
7,500	51.4	146
9,000	62.9	143

## 4,000K

lm tot	W tot	lm/W
2,500	15.8	158
3,500	22.4	156
4,500	29.3	153
6,000	38.8	155
7,500	49.1	153
9,000	60.0	150
10,500	71.6	147

## Pedestrian crossings

Distribution type: Asymmetric



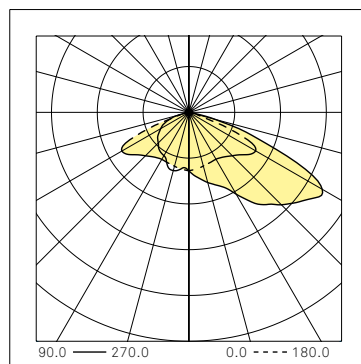
LOR 100%

Full Cutoff



## Type IV - A

Distribution type: Forward throw



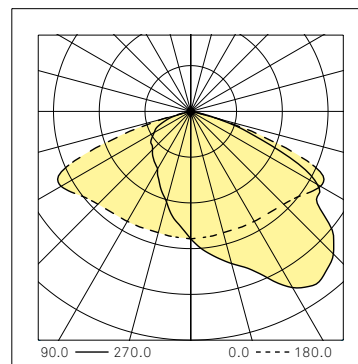
LOR 100%

Full Cutoff



## Type IV - C

Distribution type: Forward throw



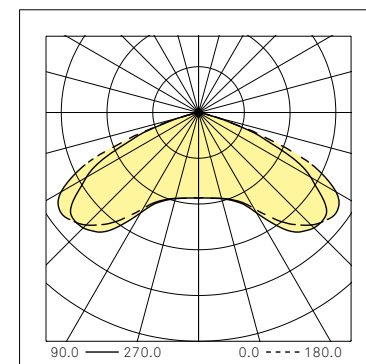
LOR 100%

Full Cutoff



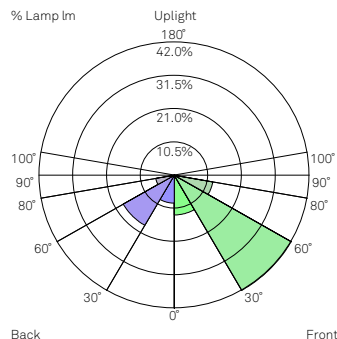
## Type V - A

Distribution type: Rotosymmetric



LOR 100%

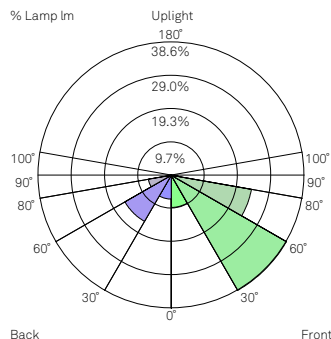
Full Cutoff



Back

Front

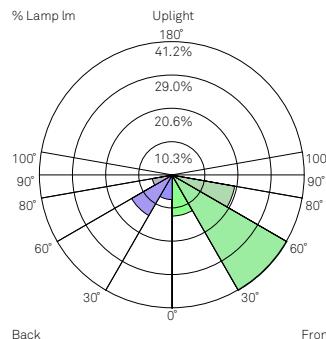
LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	12.6	12.6
FM	30° - 60°	42.0	42.0
FH	60° - 80°	12.2	12.2
FVH	80° - 90°	0.1	0.1
BL	0° - 30°	8.8	8.8
BM	30° - 60°	18.3	18.3
BH	60° - 80°	5.8	5.8
BVH	80° - 90°	0.1	0.1
UL	90° - 100°	0.0	0.0
UH	100° - 180°	0.0	0.0
Totals		100.0	100.0
BUG: B1 U0 G1			



Back

Front

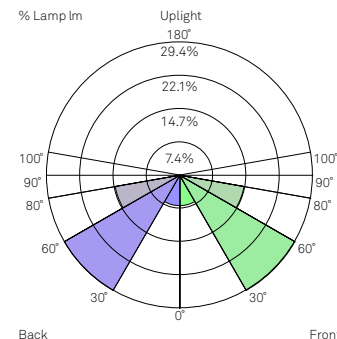
LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	8.5	8.5
FM	30° - 60°	38.6	38.6
FH	60° - 80°	25.3	25.3
FVH	80° - 90°	0.2	0.2
BL	0° - 30°	6.6	6.6
BM	30° - 60°	14.5	14.5
BH	60° - 80°	6.1	6.1
BVH	80° - 90°	0.2	0.2
UL	90° - 100°	0.0	0.0
UH	100° - 180°	0.0	0.0
Totals		100.0	100.0
BUG: B1 U0 G1			



Back

Front

LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	11.5	11.5
FM	30° - 60°	41.2	41.2
FH	60° - 80°	20.6	20.6
FVH	80° - 90°	0.2	0.2
BL	0° - 30°	7.2	7.2
BM	30° - 60°	13.4	13.4
BH	60° - 80°	5.7	5.7
BVH	80° - 90°	0.1	0.1
UL	90° - 100°	0.0	0.0
UH	100° - 180°	0.0	0.0
Totals		100.0	100.0
BUG: B2 U0 G1			



Back



Front

LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	6.2	6.2
FM	30° - 60°	29.4	29.4
FH	60° - 80°	14.2	14.2
FVH	80° - 90°	0.2	0.2
BL	0° - 30°	6.2	6.2
BM	30° - 60°	29.4	29.4
BH	60° - 80°	14.2	14.2
BVH	80° - 90°	0.2	0.2
UL	90° - 100°	0.0	0.0
UH	100° - 180°	0.0	0.0
Totals		100.0	100.0
BUG: B2 U0 G0			

Project location:	
Project name:	
Model code #:	Date

Fixture type:	
Rev. 02	01/2024

## UNIVERSAL NERI WALL AND POLE BRACKET ADAPTER

   
Compliance:  
UL Standard 1598, UL8750

### SPECIFICATIONS:

Construction:  
Constructed from a high-quality, Die-cast marine-grade low copper content aluminum alloy (UNI EN 1706)

Finish:  
- Standard color: Neri Gray

Mounting:  
Designed for versatility, the NERI universal pole adapter can easily mount to round poles ranging from 3" O.D. to 6" O.D., as well as to 3" square poles and larger. With this adapter, you can easily attach NERI luminaires to a range of different poles, structures and walls making it ideal for use in a variety of outdoor settings.

