

NERI

ANTARES L

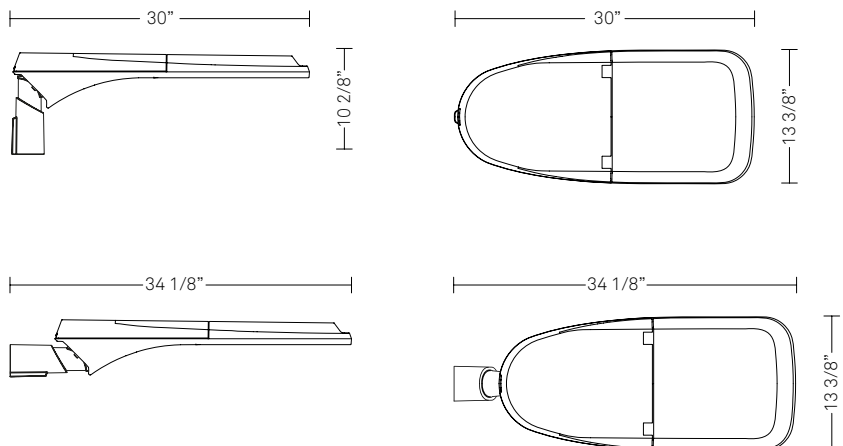
Source	LED
Voltage	120-277V
Frequency	50/60Hz
EPA	0.83 sqft
Weight	28.66lb
Height	5 5/8" - 10 2/8"
Width	13 3/8"
Length	30" - 34 1/8"

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 21,000lm.



Compliance:
UL Standard 1598, UL8750

Project location:		Fixture type:	
Project name:			
Model code #:	Date	Rev. 02	01/2024



Mounting	Series	Optic system	CCT	Lumen output	Driver function	Screen
Post-top / Side	LUANT01	Type II	2,700K	7,500	1-10V + NCL	Transparent glass
		Type III	3,000K	9,000		
		Type IV	4,000K	10,500		
		Type V		12,000		
		Pedestrian crossings		13,500		
				15,000		
				18,000		
				21,000		

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 46.9 W to 132.6 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 167lm/W @ 800mA,
187 lm/W @ 400mA.
4,000K CRI70 174 lm/W @ 800mA,
195 lm/W @ 400mA.
- Lumen output: from 7,500 to 21,000 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).

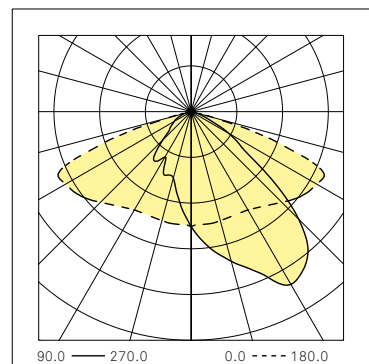
NERI

STANDARD | TRANSPARENT GLASS

Standard version is equipped with eight lighting distribution and eight lumen output choices. Light distributions available are symmetric and asymmetric (Types: Pedestrian, II, III, IV, V); lumen outputs range from 7,500lm to 21,000lm.

Type II - D

Distribution type: Asymmetric



LOR 100%

Full Cutoff

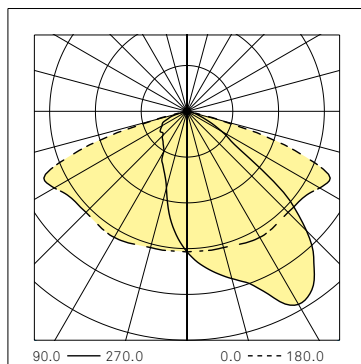


2,700K

lm tot	W tot	lm/W
7,500	50.6	148
9,000	60.5	149
10,500	70.8	148
12,000	81.9	147
13,500	94.0	144
15,000	100.2	150
18,000	122.0	148

Type III - B

Distribution type: Asymmetric



LOR 100%

Full Cutoff

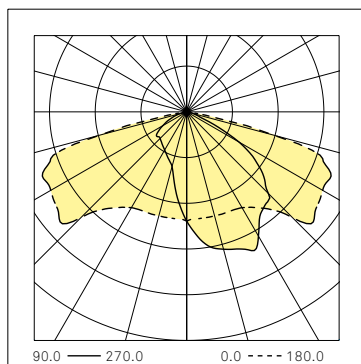


3,000K

lm tot	W tot	lm/W
7,500	48.8	154
9,000	58.3	154
10,500	68.1	154
12,000	78.5	153
13,500	89.8	150
15,000	96.3	156
18,000	116.9	154
21,000	139	151

Type III - C

Distribution type: Asymmetric



LOR 100%

Full Cutoff

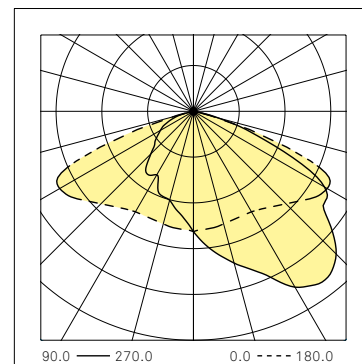


4,000K

lm tot	W tot	lm/W
7,500	46.9	160
9,000	55.8	161
10,500	65.1	161
12,000	74.9	160
13,500	85.4	158
15,000	92.1	163
18,000	111.6	161
21,000	132.6	158

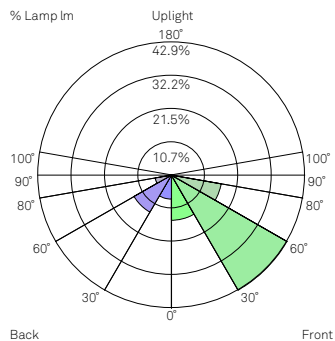
Type III - H

Distribution type: Asymmetric

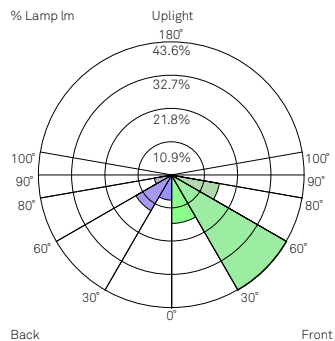


LOR 100%

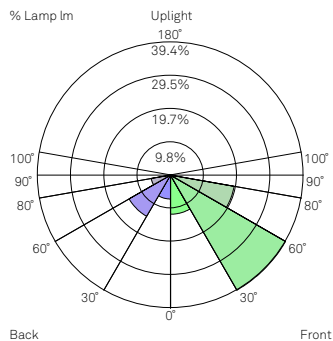
Full Cutoff



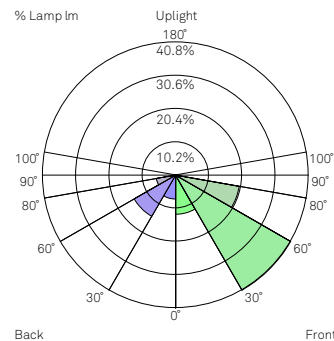
LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	13.9	13.9
FM	30° - 60°	42.9	42.9
FH	60° - 80°	17.4	17.4
FVH	80° - 90°	0.1	0.1
BL	0° - 30°	7.4	7.4
BM	30° - 60°	13.1	13.1
BH	60° - 80°	5.1	5.1
BVH	80° - 90°	0.1	0.1
UL	90° - 100°	0.0	0.0
UH	100° - 180°	0.0	0.0
Totals		100.0	100.0
BUG: B1 U0 G1			



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			



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			



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			

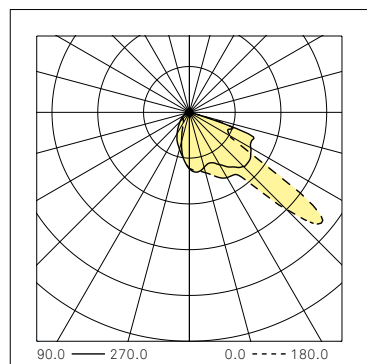
NERI

STANDARD | TRANSPARENT GLASS

Standard version is equipped with eight lighting distribution and eight lumen output choices. Light distributions available are symmetric and asymmetric (Types: Pedestrian, II, III, IV, V); lumen outputs range from 7,500lm to 21,000lm.

Pedestrian crossings

Distribution type: Asymmetric



LOR 100%

Full Cutoff

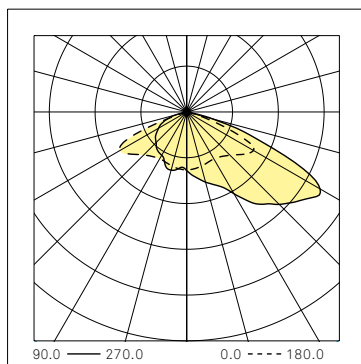


2,700K

lm tot	W tot	lm/W
7,500	50.6	148
9,000	60.5	149
10,500	70.8	148
12,000	81.9	147
13,500	94.0	144
15,000	100.2	150
18,000	122.0	148

Type IV - A

Distribution type: Forward throw



LOR 100%

Full Cutoff

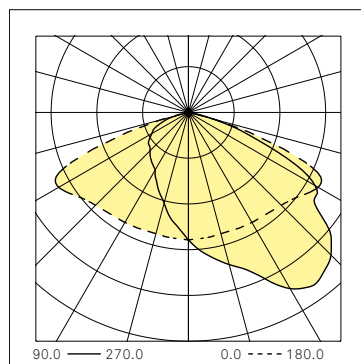


3,000K

lm tot	W tot	lm/W
7,500	48.8	154
9,000	58.3	154
10,500	68.1	154
12,000	78.5	153
13,500	89.8	150
15,000	96.3	156
18,000	116.9	154
21,000	139	151

Type IV - C

Distribution type: Forward throw



LOR 100%

Full Cutoff

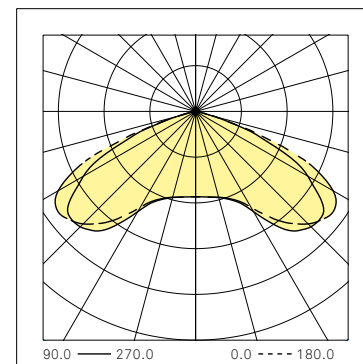


4,000K

lm tot	W tot	lm/W
7,500	46.9	160
9,000	55.8	161
10,500	65.1	161
12,000	74.9	160
13,500	85.4	158
15,000	92.1	163
18,000	111.6	161
21,000	132.6	158

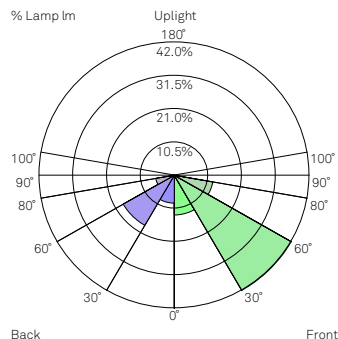
Type V - A

Distribution type: Rotosymmetric



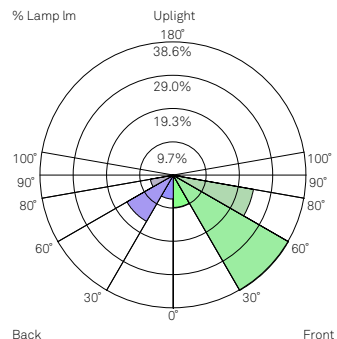
LOR 100%

Full Cutoff



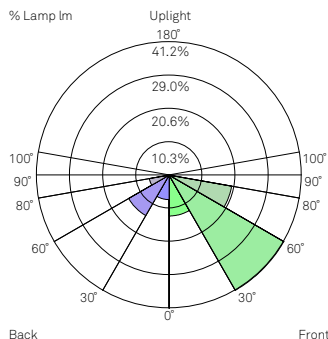
LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	12.6	12.6
FM	30° - 60°	42.0	42.0
FH	60° - 80°	12.2	12.2
FVH	80° - 90°	0.1	0.1
BL	0° - 30°	8.8	8.8
BM	30° - 60°	18.3	18.3
BH	60° - 80°	5.8	5.8
BVH	80° - 90°	0.1	0.1
UL	90° - 100°	0.0	0.0
UH	100° - 180°	0.0	0.0
Totals		100.0	100.0

BUG: B1 U0 G1



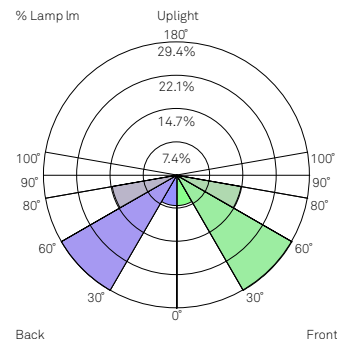
LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	8.5	8.5
FM	30° - 60°	38.6	38.6
FH	60° - 80°	25.3	25.3
FVH	80° - 90°	0.2	0.2
BL	0° - 30°	6.6	6.6
BM	30° - 60°	14.5	14.5
BH	60° - 80°	6.1	6.1
BVH	80° - 90°	0.2	0.2
UL	90° - 100°	0.0	0.0
UH	100° - 180°	0.0	0.0
Totals		100.0	100.0

BUG: B1 U0 G1



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



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

NERI

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.

