

# NERI

## LYRA

Source	LED
Voltage	120-277V
Frequency	50/60Hz
EPA	0.43 sqft
Weight	16.53lb
Height	19 5/8"
Length	16 4/8"

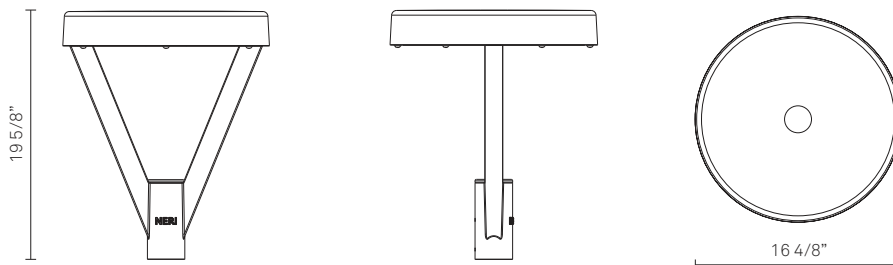
Characterised by contemporary architectural post top design with clean and geometric lines, with its six different lighting distributions, a choice of two glasses as screen and lumen packages up to 7,500lm, Lyra optically meets demands of today's lighting designers and architects.



Compliance:  
UL Standard 1598, UL8750

Project location:	
Project name:	
Model code #:	Date

Fixture type:	
Rev.	02/2022



Mounting	Series	Optic system	CCT	Lumen output	Driver function	Screen
Post-top	LULYR	Type II	3,000K	1,500	0-10V + NCL**	Transparent glass
		Type III	4,000K	2,500	1-10V + NCL	Prismatic glass
		Type IV	2,200K*	3,500		
		Type V	2,700K*	4,500		
				6,000		
				7,500		

### SPECIFICATIONS:

#### Construction:

- Upper shell opening through screws with predisposition for auxiliary devices (NEMA Socket).
- Lower skirt frame in die-cast aluminum.
- White internal reflector.
- Shield in flat tempered glass.
- Gasket in silicone between the upper frame and screen.
- Suitable for wet location.

#### Materials:

- Die-cast aluminum.
- Transparent and prismatic tempered flat glass.
- Stainless steel fasteners.

#### Finish:

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

#### Mounting:

- Suitable for post-top mounting.

#### 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.

### TECHNICAL DATA:

#### Electrical:

- Voltage: 120-277V (universal).
- Rated power: from 11.7 W to 66.5 W.
- Frequency: 50/60Hz.
- Protection rating: IP66, IK09 (Transparent glass), IK08 (Prismatic glass).
- Operating temp.: -40°F / +122°F.
- Electronic power supply with protection against short circuits, overheating and power surges with an estimated duration of 112,000 h.
- Terminal block for wires with max. section of 0.0038in<sup>2</sup>.
- Power cable with customizable length.
- Standard surge protection 6kV/10kV (10kV/10kV on demand).

#### Optical Features:

- LED Type: Lumileds Luxeon 5050
- Source efficiency LED: 164 lm/W @ Tj=25°C, 800 mA, 3000K
- Source efficiency LED: 169 lm/W @ Tj=25°C, 800 mA, 4000K
- Lumen output: from 1,500 to 7,500 lm
- Color temperature: 3,000K or 4,000K - 2,200K and 2,700K on request.
- Chromatic Rendering Index: > 80
- Estimated life: 100,000 hours (L90 - Tq25°C)

### DRIVER FUNCTION:

#### 0-10V + NCL\*\*

(Analogic control + Neri Constant Lumen)

\*\* Available only with lumen outputs range from 4,500 to 7,500lm.

#### 1-10V + NCL

(Analogic control + Neri Constant Lumen)

Note:

(\*) On request

# NERI

## STANDARD | TRANSPARENT GLASS

Standard version is equipped with six lighting distribution and six lumen output choices. Light distributions available are symmetric and asymmetric (Types: II, III, IV, V); lumen outputs range from 1,500lm to 7,500lm.

Project location:	
Project name:	
Model code #:	Date

Fixture type:	
Rev.	02/2022

### 3000K

lm tot	W tot	lm/W
1500	12.4	121
2500	20.8	120
3500	29.8	117
4500	37.9	119
6000	51.4	117
7500	62.8	119

### 4000K

lm tot	W tot	lm/W
1500	11.7	128
2500	19.8	126
3500	28.2	124
4500	36.0	125
6000	48.7	123
7500	59.4	126

### Type II - D

Distribution type: Asymmetric

### Type III - B

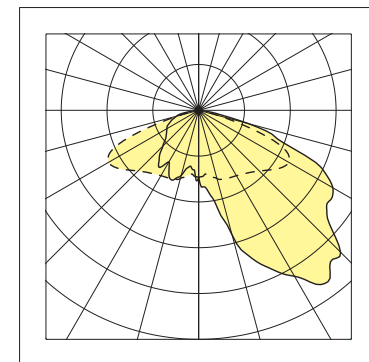
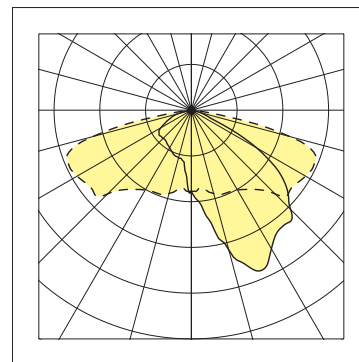
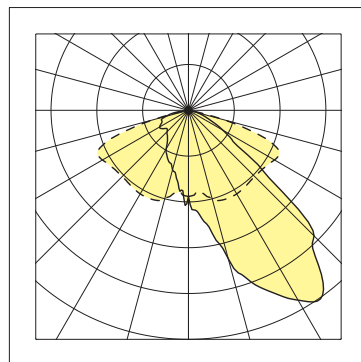
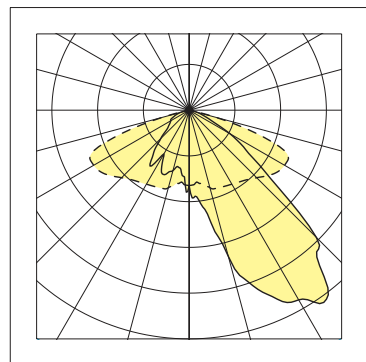
Distribution type: Asymmetric

### Type III - C

Distribution type: Asymmetric

### Type III - H

Distribution type: Asymmetric



LOR 100%

Cutoff



LOR 100%

Full Cutoff



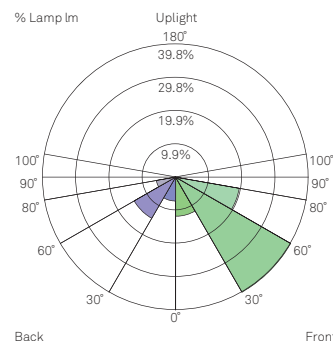
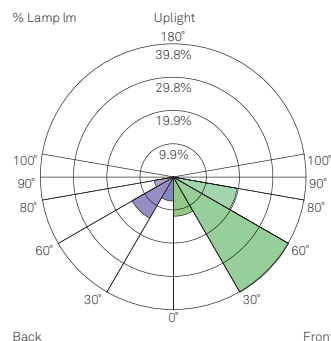
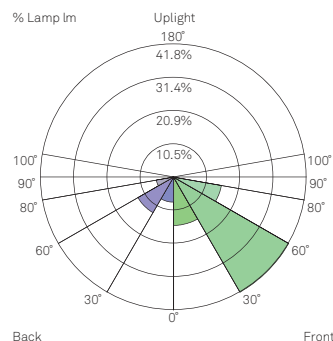
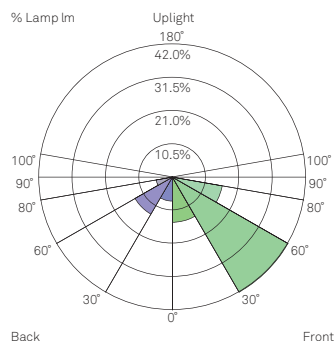
LOR 100%

Full Cutoff



LOR 100%

Full Cutoff



LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	14.3	14.3
FM	30° - 60°	42.0	42.0
FH	60° - 80°	15.9	15.9
FVH	80° - 90°	1.2	1.2
BL	0° - 30°	7.6	7.6
BM	30° - 60°	13.5	13.5
BH	60° - 80°	5.2	5.2
BVH	80° - 90°	0.3	0.3
UL	90° - 100°	0.0	0.0
UH	100° - 180°	0.0	0.0
Totals		100.0	100.0

BUG (2,500lm): B1 U0 G1

LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	15.2	15.2
FM	30° - 60°	41.8	41.8
FH	60° - 80°	15.3	15.3
FVH	80° - 90°	1.1	1.1
BL	0° - 30°	7.9	7.9
BM	30° - 60°	12.8	12.8
BH	60° - 80°	5.5	5.5
BVH	80° - 90°	0.4	0.4
UL	90° - 100°	0.0	0.0
UH	100° - 180°	0.0	0.0
Totals		100.0	100.0

BUG (2,500lm): B1 U0 G1

LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	11.7	11.7
FM	30° - 60°	39.8	39.8
FH	60° - 80°	19.4	19.4
FVH	80° - 90°	1.6	1.6
BL	0° - 30°	7.2	7.2
BM	30° - 60°	14.3	14.3
BH	60° - 80°	5.8	5.8
BVH	80° - 90°	0.4	0.4
UL	90° - 100°	0.0	0.0
UH	100° - 180°	0.0	0.0
Totals		100.0	100.0

BUG (2,500lm): B1 U0 G1

LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	11.7	11.7
FM	30° - 60°	39.8	39.8
FH	60° - 80°	19.4	19.4
FVH	80° - 90°	1.6	1.6
BL	0° - 30°	7.2	7.2
BM	30° - 60°	14.3	14.3
BH	60° - 80°	5.8	5.8
BVH	80° - 90°	0.4	0.4
UL	90° - 100°	0.0	0.0
UH	100° - 180°	0.0	0.0
Totals		100.0	100.0

BUG (2,500lm): B1 U0 G1

# NERI

Project location:	
Project name:	
Model code #:	Date

Fixture type:	
Rev.	02/2022

## STANDARD | TRANSPARENT GLASS

Standard version is equipped with six lighting distribution and six lumen output choices. Light distributions available are symmetric and asymmetric (Types: II, III, IV, V); lumen outputs range from 1,500lm to 7,500lm.

## 3000K

lm tot	W tot	lm/W
1500	12.4	121
2500	20.8	120
3500	29.8	117
4500	37.9	119
6000	51.4	117
7500	62.8	119

## 4000K

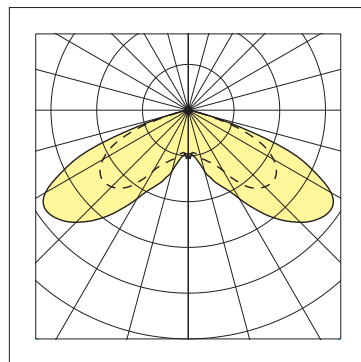
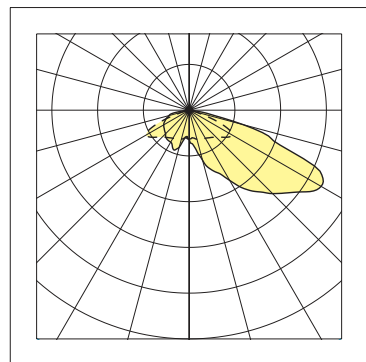
lm tot	W tot	lm/W
1500	11.7	128
2500	19.8	126
3500	28.2	124
4500	36.0	125
6000	48.7	123
7500	59.4	126

## Type IV - A

Distribution type: Forward throw

## Type V - A

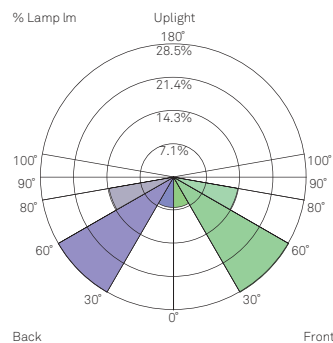
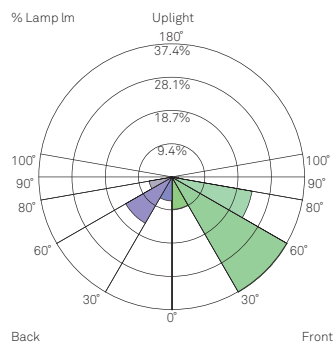
Distribution type: Rotosymmetric



LOR 100%  
Semi Cutoff



LOR 100%  
Cutoff



LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	9.1	9.1
FM	30° - 60°	37.4	37.4
FH	60° - 80°	22.9	22.9
FVH	80° - 90°	2.0	2.0
BL	0° - 30°	6.7	6.7
BM	30° - 60°	15.0	15.0
BH	60° - 80°	6.5	6.5
BVH	80° - 90°	0.4	0.4
UL	90° - 100°	0.0	0.0
UH	100° - 180°	0.0	0.0
Totals		100.0	100.0

BUG (2,500lm): B1 U0 G1

LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	6.5	6.5
FM	30° - 60°	28.5	28.5
FH	60° - 80°	14.0	14.0
FVH	80° - 90°	0.9	0.9
BL	0° - 30°	6.5	6.5
BM	30° - 60°	28.5	28.5
BH	60° - 80°	14.0	14.0
BVH	80° - 90°	0.9	0.9
UL	90° - 100°	0.0	0.0
UH	100° - 180°	0.0	0.0
Totals		100.0	100.0

BUG (2,500lm): B1 U0 G1

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## STANDARD | PRISMATIC GLASS

Standard version is equipped with six lighting distribution and six lumen output choices. Light distributions available are symmetric and asymmetric (Types: II, III, IV, V); lumen outputs range from 1,500lm to 7,500lm.

Project location:	
Project name:	
Model code #:	Date

Fixture type:	
Rev.	02/2022

### 3000K

lm tot	W tot	lm/W
1500	13.0	115
2500	22.0	114
3500	31.6	111
4500	40.0	112
6000	54.4	110
7500	66.5	113

### 4000K

lm tot	W tot	lm/W
1500	12.4	121
2500	20.9	120
3500	29.8	117
4500	38.0	119
6000	51.5	117
7500	62.9	119

### Type II - D

Distribution type: Asymmetric

### Type III - B

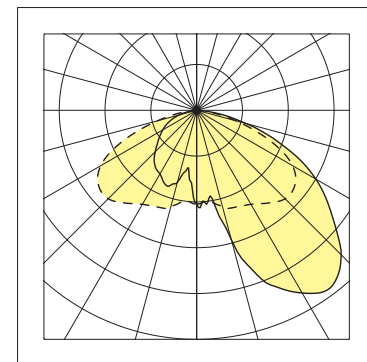
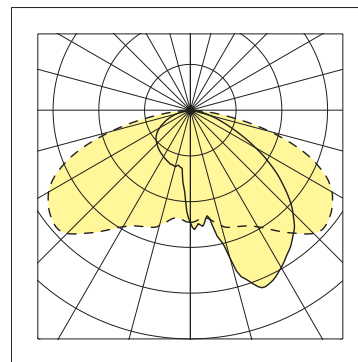
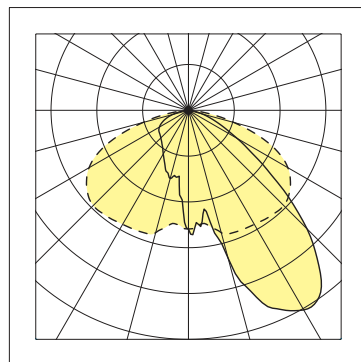
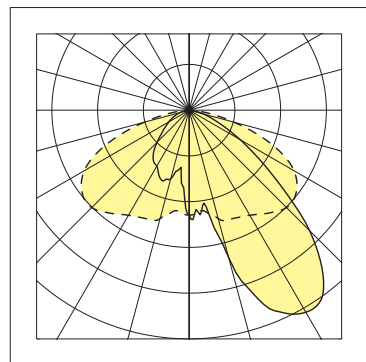
Distribution type: Asymmetric

### Type III - C

Distribution type: Asymmetric

### Type III - H

Distribution type: Asymmetric



LOR 100%  
Cutoff



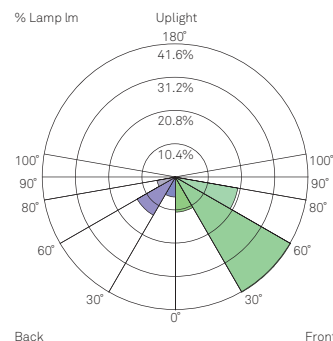
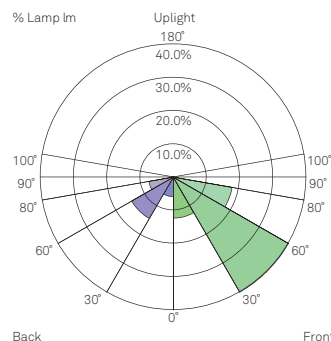
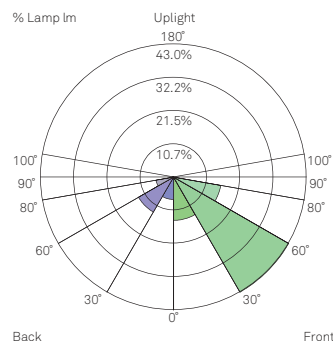
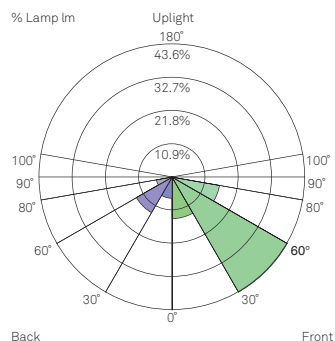
LOR 100%  
Cutoff



LOR 100%  
Semi Cutoff



LOR 100%  
Cutoff



LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	14.6	14.6
FM	30° - 60°	43.6	43.6
FH	60° - 80°	15.8	15.8
FVH	80° - 90°	1.0	1.0
BL	0° - 30°	6.9	6.9
BM	30° - 60°	13.5	13.5
BH	60° - 80°	5.2	5.2
BVH	80° - 90°	0.4	0.4
UL	90° - 100°	0.0	0.0
UH	100° - 180°	0.0	0.0
Totals		100.0	100.0

BUG (2,500lm): B1 U1 G1

LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	14.0	14.0
FM	30° - 60°	43.0	43.0
FH	60° - 80°	15.5	15.5
FVH	80° - 90°	1.1	1.1
BL	0° - 30°	7.2	7.2
BM	30° - 60°	13.0	13.0
BH	60° - 80°	5.7	5.7
BVH	80° - 90°	0.4	0.4
UL	90° - 100°	0.0	0.0
UH	100° - 180°	0.0	0.0
Totals		100.0	100.0

BUG (2,500lm): B1 U1 G1

LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	12.4	12.4
FM	30° - 60°	40.0	40.0
FH	60° - 80°	18.0	18.0
FVH	80° - 90°	1.3	1.3
BL	0° - 30°	5.9	5.9
BM	30° - 60°	14.4	14.4
BH	60° - 80°	7.5	7.5
BVH	80° - 90°	0.6	0.6
UL	90° - 100°	0.0	0.0
UH	100° - 180°	0.0	0.0
Totals		100.0	100.0

BUG (2,500lm): B1 U0 G1

LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	11.0	11.0
FM	30° - 60°	41.6	41.6
FH	60° - 80°	19.8	19.8
FVH	80° - 90°	1.4	1.4
BL	0° - 30°	6.2	6.2
BM	30° - 60°	13.8	13.8
BH	60° - 80°	5.8	5.8
BVH	80° - 90°	0.4	0.4
UL	90° - 100°	0.0	0.0
UH	100° - 180°	0.0	0.0
Totals		100.0	100.0

BUG (2,500lm): B1 U1 G1

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Project location:	
Project name:	
Model code #:	Date

Fixture type:	
Rev.	02/2022

## STANDARD | PRISMATIC GLASS

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## 3000K

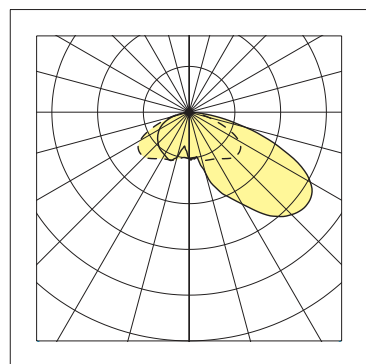
lm tot	W tot	lm/W
1500	13.0	115
2500	22.0	114
3500	31.6	111
4500	40.0	112
6000	54.4	110
7500	66.5	113

## 4000K

lm tot	W tot	lm/W
1500	12.4	121
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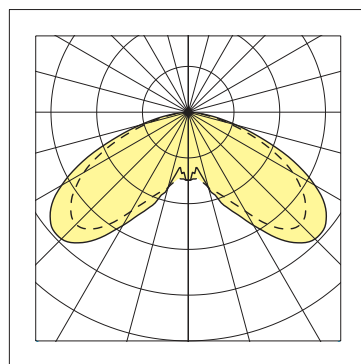
## Type IV - A

Distribution type: Forward throw



## Type V - A

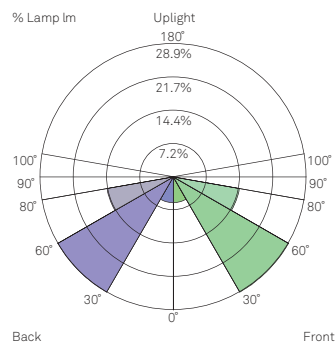
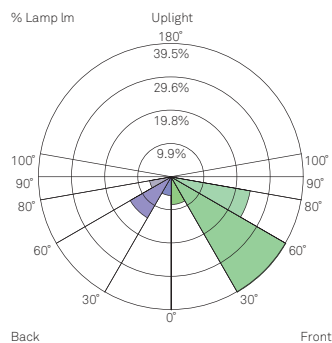
Distribution type: Rotosymmetric



LOR 100%  
Semi Cutoff



LOR 100%  
Cutoff



LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	8.2	8.2
FM	30° - 60°	39.5	39.5
FH	60° - 80°	24.0	24.0
FVH	80° - 90°	1.7	1.7
BL	0° - 30°	5.5	5.5
BM	30° - 60°	14.1	14.1
BH	60° - 80°	6.5	6.5
BVH	80° - 90°	0.4	0.4
UL	90° - 100°	0.0	0.0
UH	100° - 180°	0.0	0.0
Totals		100.0	100.0

BUG (2,500lm): B1 U1 G1

LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	5.6	5.6
FM	30° - 60°	28.9	28.9
FH	60° - 80°	14.6	14.6
FVH	80° - 90°	1.0	1.0
BL	0° - 30°	5.6	5.6
BM	30° - 60°	28.9	28.9
BH	60° - 80°	14.6	14.6
BVH	80° - 90°	1.0	1.0
UL	90° - 100°	0.0	0.0
UH	100° - 180°	0.0	0.0
Totals		100.0	100.0

BUG (2,500lm): B1 U1 G1