


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


LYRA

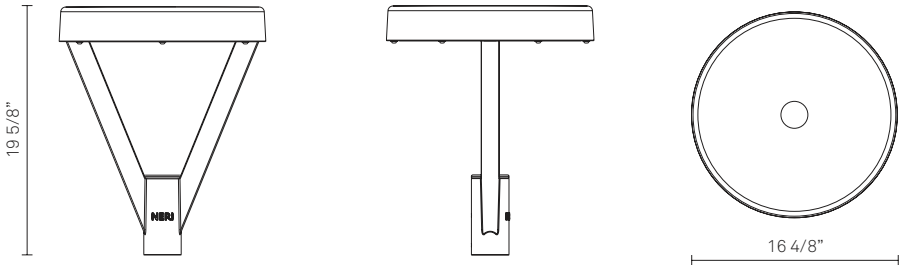
Source	LED
Voltage	120-277V
Frequency	50/60Hz
EPA	0.43 sqft
Weight	16.53lb
Height	19 5/8"
Lenght	16 4/8"

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 9,000lm, Lyra optically meets demands of today's lighting designers and architects.



Compliance:
UL Standard 1598, UL8750





Mounting	Series	Optic system	CCT	Lumen output	Driver function	Screen
Post-top	LULYR	Type II	3,000K	1,500	1-10V + NCL	Prismatic glass
		Type III	4,000K	2,500		
		Type IV	2,700K	3,500		
		Type V		4,500		
				6,000		
				7,500		
				9,000		

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.
 - 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 11.7W to 66.5W.
 - Frequency: 50/60Hz.
 - Protection rating: IP66, 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 0.0038in².
 - Power cable with customizable lenght.
 - Standard surge protection 6kV/10kV (10kV/10kV on demand).

- Optical Features:
- LED Type: Lumileds Luxeon 5050.
 - Source efficacy (Tj = 25°C):
2,700K CRI80 143 lm/W @ 800mA,
163lm/W @ 400mA,
3,000K CRI80 150lm/W @ 800mA,
171 lm/W @ 400mA,
4,000K CRI80 158 lm/W @ 800mA,
180 lm/W @ 400mA.
 - Lumen output: from 1,500 to 9,000lm
 - Color temperature: 2,700, 3,000K or 4,000K.
 - Chromatic Rendering Index: >80
 - Estimated life: 100,000 hours (L90 - Tq25°C).

DRIVER FUNCTION:

- 1-10V + NCL**
(Analogic control + Neri Constant Lumen).

NERI

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 9,000lm.

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2,700K

lm tot	W tot	lm/W
1,500	13,6	110
2,500	23,0	109
3,500	33,2	105
4,500	41,8	108
6,000	57,1	105
7,500	70,2	107

3,000K

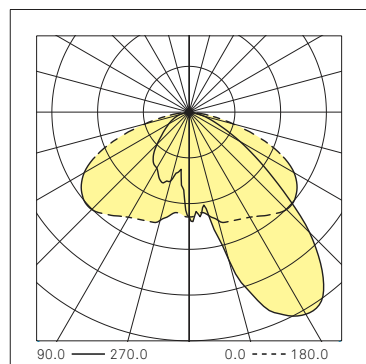
lm tot	W tot	lm/W
1,500	13.0	115
2,500	22.0	114
3,500	31.6	111
4,500	40.0	112
6,000	54.4	110
7,500	66.5	113
9,000	80,3	112

4,000K

lm tot	W tot	lm/W
1,500	12.4	121
2,500	20.9	120
3,500	29.8	117
4,500	38.0	119
6,000	51.5	117
7,500	62.9	119
9,000	75,8	119

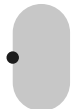
Type II - D

Distribution type: Asymmetric



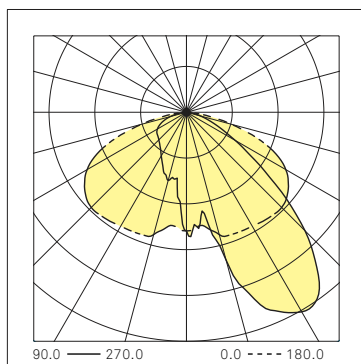
LOR 100%

Cutoff



Type III - B

Distribution type: Asymmetric



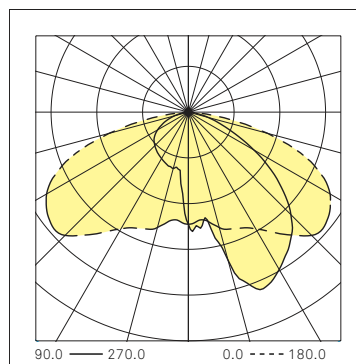
LOR 100%

Cutoff



Type III - C

Distribution type: Asymmetric



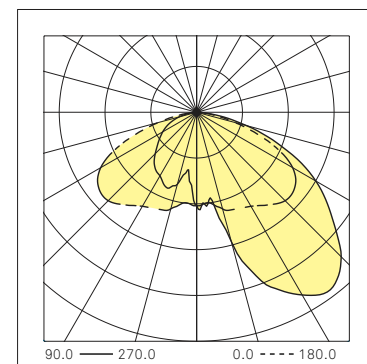
LOR 100%

Semi Cutoff



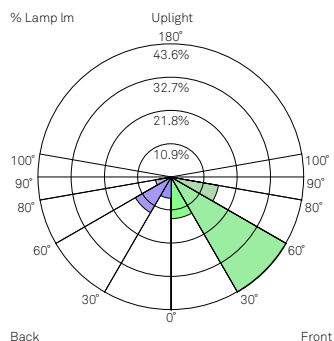
Type III - H

Distribution type: Asymmetric



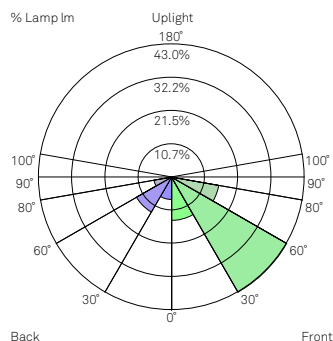
LOR 100%

Cutoff



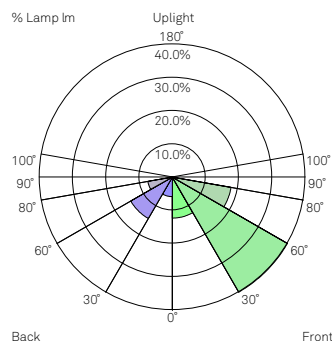
LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	14.6	14.6
FM	30° - 60°	43.6	43.6
FH	60° - 80°	15.8	15.8
FVH	80° - 90°	1.0	1.0
BL	0° - 30°	6.9	6.9
BM	30° - 60°	13.5	13.5
BH	60° - 80°	5.2	5.2
BVH	80° - 90°	0.4	0.4
UL	90° - 100°	0.0	0.0
UH	100° - 180°	0.0	0.0
Totals		100.0	100.0

BUG (2,500lm): B1 U1 G1



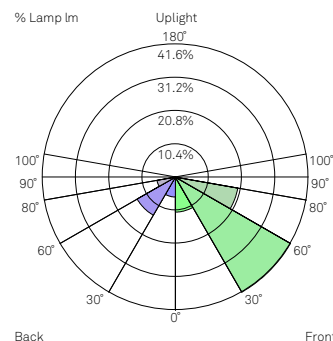
LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	14.0	14.0
FM	30° - 60°	43.0	43.0
FH	60° - 80°	15.5	15.5
FVH	80° - 90°	1.1	1.1
BL	0° - 30°	7.2	7.2
BM	30° - 60°	13.0	13.0
BH	60° - 80°	5.7	5.7
BVH	80° - 90°	0.4	0.4
UL	90° - 100°	0.0	0.0
UH	100° - 180°	0.0	0.0
Totals		100.0	100.0

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

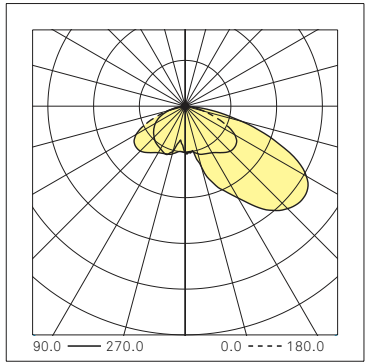
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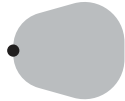
Type IV - A

Distribution type: Forward throw



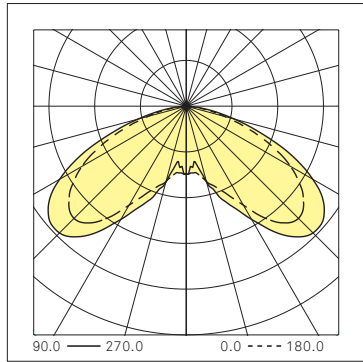
LOR 100%

Semi Cutoff



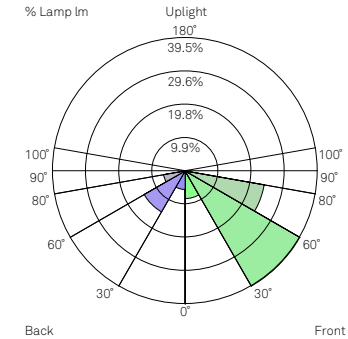
Type V - A

Distribution type: Rotosymmetric



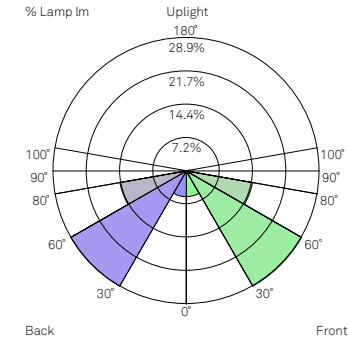
LOR 100%

Cutoff



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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
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