

NERI

LIGHT 804

Source	LED
Voltage	120-277V
Frequency	50/60Hz
EPA	1.03 sqft
Weight	20.06lb
Height	27"
Length	15 4/8"

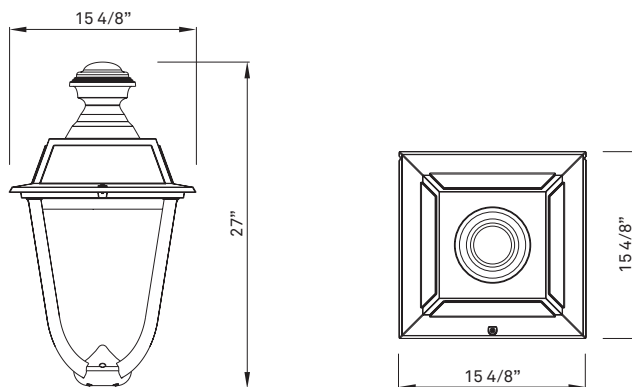
Luminaire in die-cast aluminum with head pole connection, eight different lighting distributions and lumen packages up to 7,500lm. The Light 804, require low-maintenance thanks to LEDs sources and is ideally for illuminating urban area, cycle paths or pedestrian walkways, parks and gardens.



Compliance:
UL Standard 1598, UL8750

Project location:	
Project name:	
Model code #:	Date

Fixture type:	
Rev.0	05/2022



Mounting	Series	Optic system	CCT	Lumen output	Driver function	Screen
Post-top	LU80400	Type I	3,000K	1,500	0-10V + NCL	Transparent glass
		Type II	4,000K	2,500	ON/OFF + NCL	Prismatic glass
		Type III	2,200K*	3,500		
		Type IV	2,700K*	4,500		
		Type V		6,000		
				7,500		

SPECIFICATIONS:

Construction:

- Tilting upper square frame made in die-cast aluminum with predisposition for auxiliary devices (NEMA Socket).
- Bottom frame made in die-cast aluminum with four curved bracket with flange and a hole for attachment to the support.
- White internal reflector.
- Shield in flat tempered glass.
- Silicone gasket between the upper and lower frames.
- Suitable for wet location.

Materials:

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

Finish:

- Standard colors: Neri Gray, Pure White (RAL9010), Jet Black (RAL9005), Moss Green (RAL6005), White Aluminium (RAL9006), Grey Aluminium (RAL9007).
- 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 11.5 W to 65.1 W.
- Frequency: 50/60Hz.
- Protection rating: IP66, IK09 (Transparent glass), IK07 (Prismatic glass).
- Operating temp.: -13°F / +77°F | +122°F*
*+122°F | 1,500lm - 4,500lm
CCT 3000K/4000K
+77°F | 6,000lm - 7,500lm
CCT 3,000K/4,000K
- 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 0.0038 in².
- Standard surge protection 10kV/10kV.

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)

ON/OFF + NCL

(On/Off + Neri Constant Lumen)

Note:

(*) On request

NERI

Project location:

Project name:

Model code #:

Date

Fixture type:

Rev.0

05/2022

STANDARD | TRANSPARENT GLASS

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

3000K

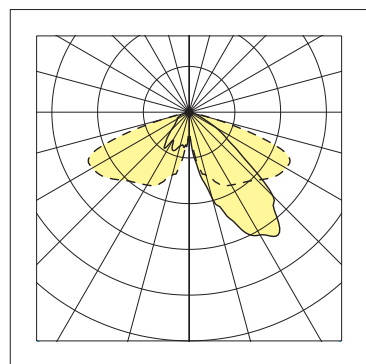
lm tot	W tot	lm/W
1,500	12.1	124
2,500	20.4	123
3,500	28.7	122
4,500	37.1	121
6,000	48.4	124
7,500	61.4	122

4000K

lm tot	W tot	lm/W
1,500	11.5	130
2,500	19.3	129
3,500	27.2	129
4,500	35.2	128
6,000	45.9	131
7,500	58.1	129

Type II - D

Distribution type: Asymmetric



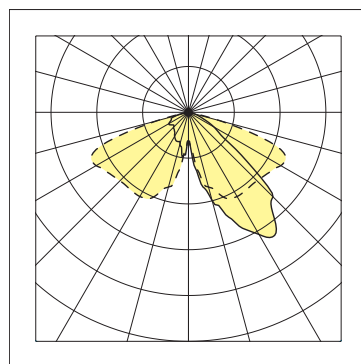
LOR 100%

Cutoff



Type III - B

Distribution type: Asymmetric



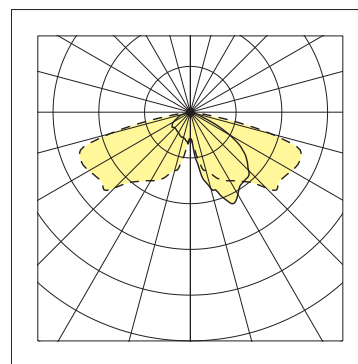
LOR 100%

Cutoff



Type III - C

Distribution type: Asymmetric



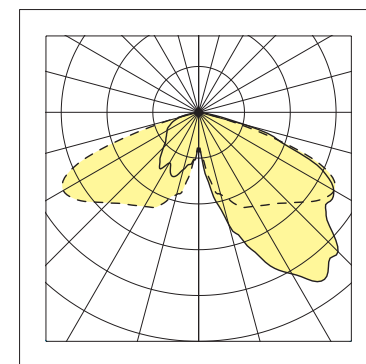
LOR 100%

Semi Cutoff



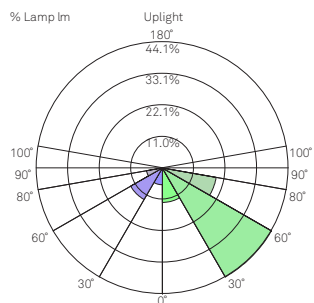
Type III - H

Distribution type: Asymmetric

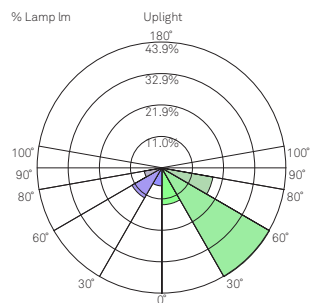


LOR 100%

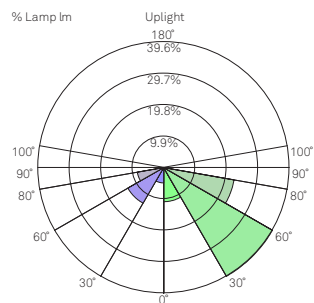
Cutoff



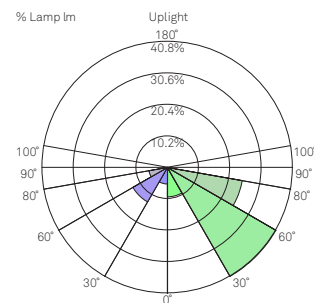
Back Front



Back Front



Back Front



Back Front

LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	12.1	12.1
FM	30° - 60°	44.1	44.1
FH	60° - 80°	19.2	19.2
FVH	80° - 90°	0.2	0.2
BL	0° - 30°	5.9	5.9
BM	30° - 60°	12.8	12.8
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 (2,500lm): B1 U1 G1			

LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	12.9	12.9
FM	30° - 60°	43.9	43.9
FH	60° - 80°	18.3	18.3
FVH	80° - 90°	0.2	0.2
BL	0° - 30°	6.2	6.2
BM	30° - 60°	12.1	12.1
BH	60° - 80°	6.2	6.2
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 (2,500lm): B1 U1 G1			

LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	10.8	10.8
FM	30° - 60°	39.6	39.6
FH	60° - 80°	22.5	22.5
FVH	80° - 90°	0.6	0.6
BL	0° - 30°	4.8	4.8
BM	30° - 60°	13.0	13.0
BH	60° - 80°	8.4	8.4
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 (2,500lm): B1 U1 G1			

LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	9.5	9.5
FM	30° - 60°	40.8	40.8
FH	60° - 80°	24.8	24.8
FVH	80° - 90°	0.3	0.3
BL	0° - 30°	5.4	5.4
BM	30° - 60°	12.9	12.9
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 (2,500lm): B1 U1 G1			

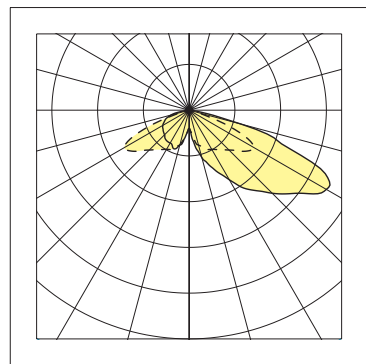
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STANDARD | TRANSPARENT GLASS

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

Type IV - A

Distribution type: Forward throw



LOR 100%

Semi Cutoff



3000K

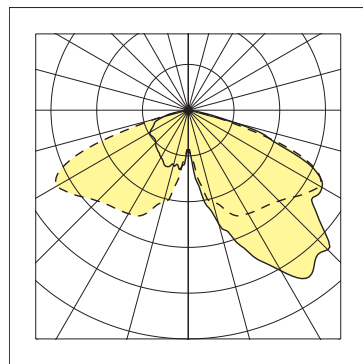
lm tot	W tot	lm/W
1,500	12.1	124
2,500	20.4	123
3,500	28.7	122
4,500	37.1	121
6,000	48.4	124
7,500	61.4	122

4000K

lm tot	W tot	lm/W
1,500	11.5	130
2,500	19.3	129
3,500	27.2	129
4,500	35.2	128
6,000	45.9	131
7,500	58.1	129

Type IV - C

Distribution type: Forward throw



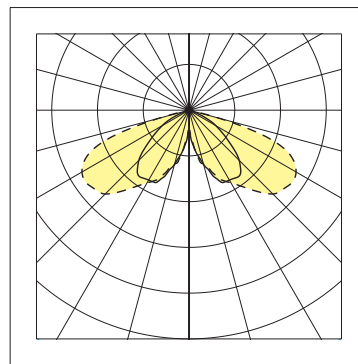
LOR 100%

Cutoff



Type I - A

Distribution type: Center road



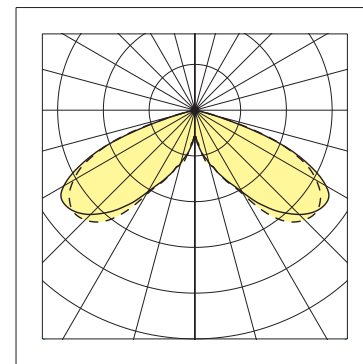
LOR 100%

Cutoff



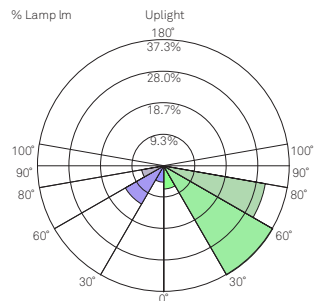
Type V - A

Distribution type: Rotosymmetric

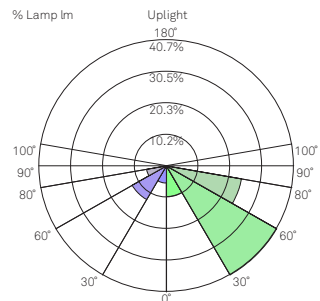


LOR 100%

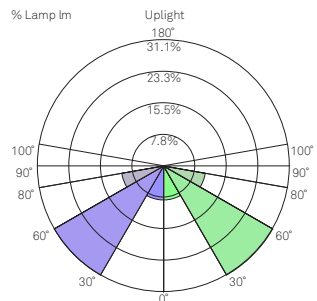
Cutoff



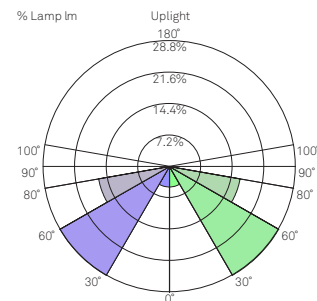
Back Front



Back Front



Back Front



Back Front

LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	6.9	6.9
FM	30° - 60°	37.3	37.3
FH	60° - 80°	30.6	30.6
FVH	80° - 90°	0.5	0.5
BL	0° - 30°	4.8	4.8
BM	30° - 60°	13.1	13.1
BH	60° - 80°	6.6	6.6
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 (2,500lm): B1 U1 G1			

LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	9.9	9.9
FM	30° - 60°	40.7	40.7
FH	60° - 80°	24.4	24.4
FVH	80° - 90°	0.4	0.4
BL	0° - 30°	5.5	5.5
BM	30° - 60°	12.6	12.6
BH	60° - 80°	6.4	6.4
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 (2,500lm): B1 U1 G1			

LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	8.4	8.4
FM	30° - 60°	31.1	31.1
FH	60° - 80°	10.5	10.5
FVH	80° - 90°	0.1	0.1
BL	0° - 30°	8.4	8.4
BM	30° - 60°	31.1	31.1
BH	60° - 80°	10.5	10.5
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 (2,500lm): B1 U1 G1			

LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	4.7	4.7
FM	30° - 60°	28.8	28.8
FH	60° - 80°	16.4	16.4
FVH	80° - 90°	0.2	0.2
BL	0° - 30°	4.7	4.7
BM	30° - 60°	28.8	28.8
BH	60° - 80°	16.4	16.4
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 (2,500lm): B1 U1 G0			

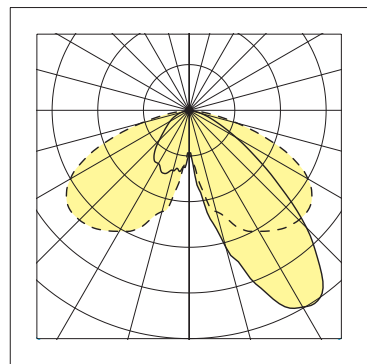
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STANDARD | PRISMATIC GLASS

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Type II - D

Distribution type: Asymmetric



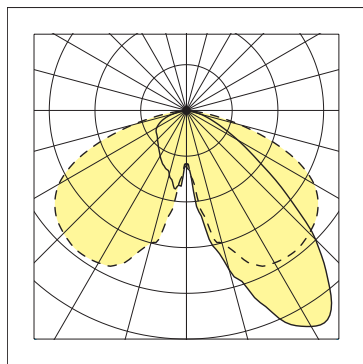
LOR 100%

Cutoff



Type III - B

Distribution type: Asymmetric



LOR 100%

Cutoff

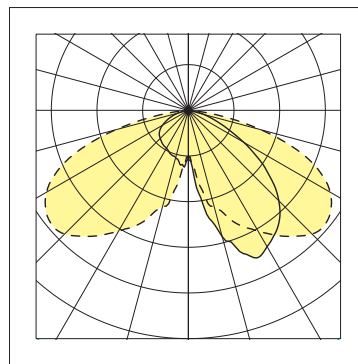


4000K

lm tot	W tot	lm/W
1,500	12.1	124
2,500	20.4	122
3,500	28.7	122
4,500	37.2	121
6,000	48.5	124
7,500	61.5	122

Type III - C

Distribution type: Asymmetric



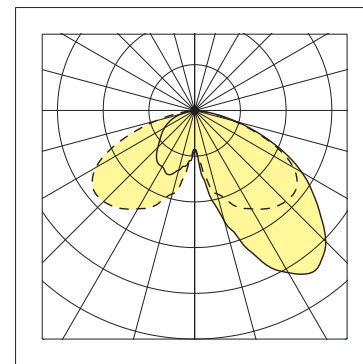
LOR 100%

Semi Cutoff



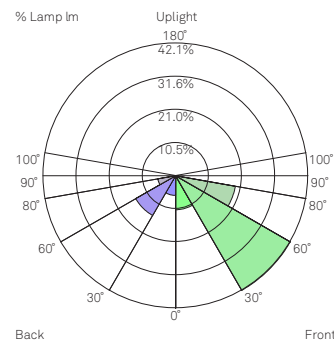
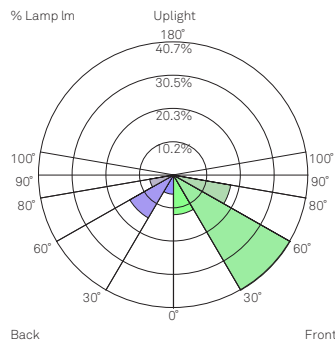
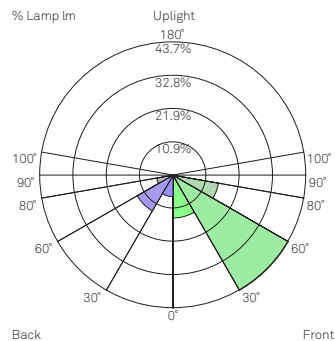
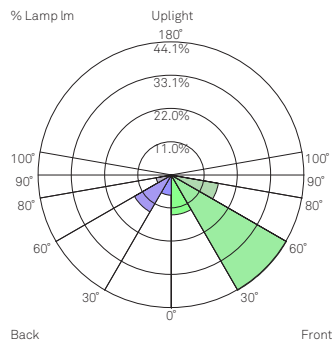
Type III - H

Distribution type: Asymmetric



LOR 100%

Cutoff



LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	13.2	13.2
FM	30° - 60°	44.1	44.1
FH	60° - 80°	15.9	15.9
FVH	80° - 90°	0.8	0.8
BL	0° - 30°	6.7	6.7
BM	30° - 60°	14.1	14.1
BH	60° - 80°	5.1	5.1
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 (2,500lm): B1 U1 G1			

LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	14.1	14.1
FM	30° - 60°	43.7	43.7
FH	60° - 80°	15.2	15.2
FVH	80° - 90°	0.7	0.7
BL	0° - 30°	7.0	7.0
BM	30° - 60°	13.6	13.6
BH	60° - 80°	5.4	5.4
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 U1 G1			

LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	12.1	12.1
FM	30° - 60°	40.7	40.7
FH	60° - 80°	17.6	17.6
FVH	80° - 90°	0.9	0.9
BL	0° - 30°	5.8	5.8
BM	30° - 60°	15.2	15.2
BH	60° - 80°	7.3	7.3
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°	10.8	10.8
FM	30° - 60°	42.2	42.2
FH	60° - 80°	19.3	19.3
FVH	80° - 90°	1.0	1.0
BL	0° - 30°	6.3	6.3
BM	30° - 60°	14.6	14.6
BH	60° - 80°	5.7	5.7
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 U1 G1			

NERI

Project location:

Project name:

Model code #:

Date

Fixture type:

Rev.0

05/2022

STANDARD | PRISMATIC GLASS

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3000K

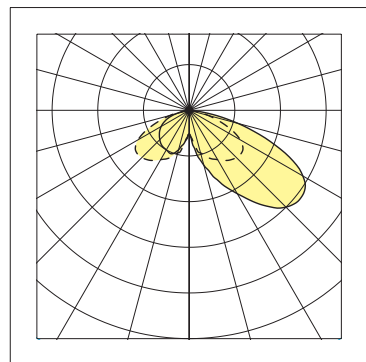
lm tot	W tot	lm/W
1,500	12.8	117
2,500	21.6	116
3,500	30.3	116
4,500	39.2	115
6,000	51.1	117
7,500	65.1	115

4000K

lm tot	W tot	lm/W
1,500	12.1	124
2,500	20.4	122
3,500	28.7	122
4,500	37.2	121
6,000	48.5	124
7,500	61.5	122

Type IV - A

Distribution type: Forward throw



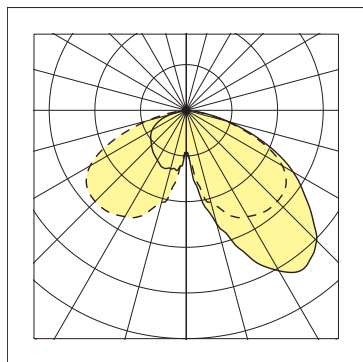
LOR 100%

Cutoff



Type IV - C

Distribution type: Forward throw



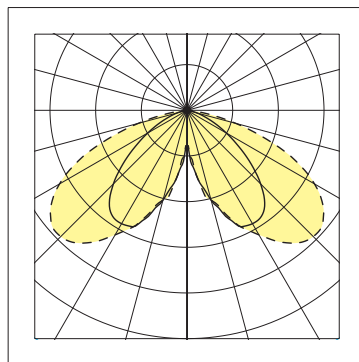
LOR 100%

Cutoff



Type I - A

Distribution type: Center road



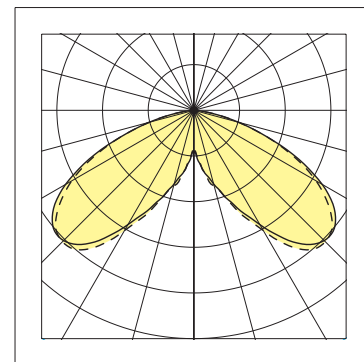
LOR 100%

Cutoff



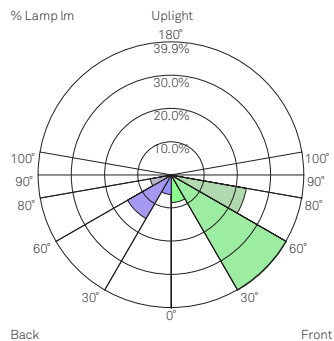
Type V - A

Distribution type: Rotosymmetric



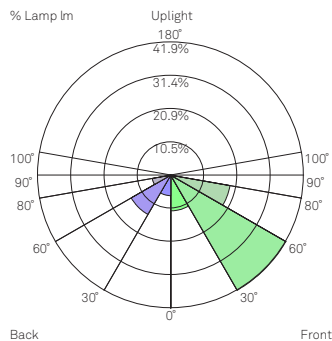
LOR 100%

Cutoff



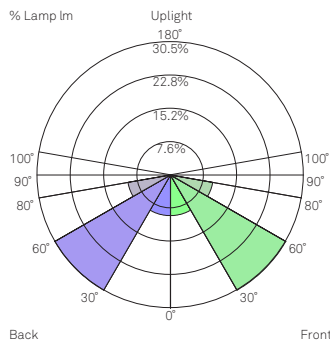
Back Front

LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	8.3	8.3
FM	30° - 60°	39.9	39.9
FH	60° - 80°	22.9	22.9
FVH	80° - 90°	1.2	1.2
BL	0° - 30°	5.8	5.8
BM	30° - 60°	15.1	15.1
BH	60° - 80°	6.4	6.4
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 U1 G1			



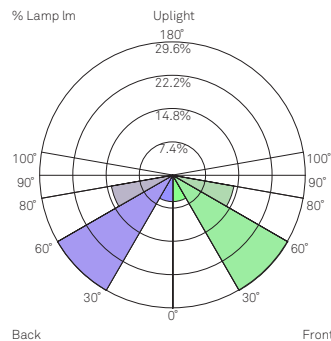
Back Front

LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	11.2	11.2
FM	30° - 60°	41.9	41.9
FH	60° - 80°	19.0	19.0
FVH	80° - 90°	1.0	1.0
BL	0° - 30°	6.4	6.4
BM	30° - 60°	14.3	14.3
BH	60° - 80°	5.9	5.9
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 U1 G1			



Back Front

LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	9.3	9.3
FM	30° - 60°	30.5	30.5
FH	60° - 80°	9.8	9.8
FVH	80° - 90°	0.4	0.4
BL	0° - 30°	9.3	9.3
BM	30° - 60°	30.5	30.5
BH	60° - 80°	9.8	9.8
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			



Back Front

LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	5.9	5.9
FM	30° - 60°	29.6	29.6
FH	60° - 80°	13.9	13.9
FVH	80° - 90°	0.6	0.6
BL	0° - 30°	5.9	5.9
BM	30° - 60°	29.6	29.6
BH	60° - 80°	13.9	13.9
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 U1 G1			