

# NERI

Project location:	
Project name:	
Model code #:	Date

Fixture type:	
Rev.02	11/2023

## NEBULA S (4")

Nebula Small luminaire head consists of two sources. Each source can be independently configured. The overview below lists available options.

## NEBULA S CONFIGURATION # \_\_\_\_\_

### LUMINAIRE HEAD DOWN LIGHT

#### ☐ NEBULA S - EMPTY

#### ☐ NEBULA S - ST

Optic system	CCT	Lumen output	Driver function	Aperture lens
<input type="checkbox"/> Type I	<input type="checkbox"/> 2,700K	<input type="checkbox"/> 1,000	<input type="checkbox"/> 0-10V	<input type="checkbox"/> Prismatic flat glass
<input type="checkbox"/> Type II	<input type="checkbox"/> 3,000K	<input type="checkbox"/> 1,500		
<input type="checkbox"/> Type IV	<input type="checkbox"/> 4,000K			
<input type="checkbox"/> Type V				

#### ☐ NEBULA S - PR

Optic system	CCT	Lumen output	Driver function	Aperture lens
<input type="checkbox"/> 30° Medium narrow spot	<input type="checkbox"/> 2,700K	<input type="checkbox"/> 1,000	<input type="checkbox"/> 0-10V	<input type="checkbox"/> Transparent flat glass
<input type="checkbox"/> 60° Medium flood	<input type="checkbox"/> 3,000K	<input type="checkbox"/> 1,500		
<input type="checkbox"/> 70° Medium wide flood	<input type="checkbox"/> 4,000K	<input type="checkbox"/> 2,500		
<input type="checkbox"/> 80° Medium wide flood				

#### ☐ NEBULA S - RGBW

Optic system	CCT	Lumen output	Driver function	Aperture lens
<input type="checkbox"/> 15° Very narrow spot	<input type="checkbox"/> RGBW	270 lm (R)	<input type="checkbox"/> DMX	<input type="checkbox"/> Transparent flat glass
<input type="checkbox"/> 25° Narrow spot		210 lm (G)		
<input type="checkbox"/> 35° Medium narrow spot		75 lm (B)		
		390 lm (W)		

#### ☐ NEBULA S - A

Optic system	CCT	Lumen output	Driver function	Aperture lens
<input type="checkbox"/> Type II	<input type="checkbox"/> Amber	350 lm (A)	<input type="checkbox"/> 0-10V	<input type="checkbox"/> Prismatic flat glass
<input type="checkbox"/> Type V				

#### ☐ NEBULA S - SNOOT

- ☐ snoot 30°
- ☐ snoot 45°

#### ☐ NEBULA S - REFRACTOR SCREEN

Linear Diffusion

#### ☐ NEBULA S - FINISH

##### Powder coating

- ☐ Neri grey
- ☐ Pure white
- ☐ White aluminum
- ☐ Grey aluminum
- ☐ Jet black
- ☐ Moss green

### NEBULA S LUMINAIRE HEAD DOWN LIGHT

ST

PR

RGBW

A

#### Aperture lens

Transparent flat  
glass

Prismatic flat  
glass

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Project location:	
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Rev.02	11/2023

## NEBULA S (4")

Nebula Small luminaire head consists of two sources. Each source can be independently configured. The overview below lists available options.

## UP

## NEBULA S CONFIGURATION # \_\_\_\_\_

### LUMINAIRE HEAD UP LIGHT

#### ☐ NEBULA S - EMPTY

#### ☐ NEBULA S - ST

Optic system	CCT	Lumen output	Driver function	Aperture lens
<input type="checkbox"/> Type I	<input type="checkbox"/> 2,700K	<input type="checkbox"/> 1,000	<input type="checkbox"/> 0-10V	<input type="checkbox"/> Prismatic flat glass
<input type="checkbox"/> Type II	<input type="checkbox"/> 3,000K	<input type="checkbox"/> 1,500		
<input type="checkbox"/> Type IV	<input type="checkbox"/> 4,000K			
<input type="checkbox"/> Type V				

#### ☐ NEBULA S - PR

Optic system	CCT	Lumen output	Driver function	Aperture lens
<input type="checkbox"/> 30° Medium narrow spot	<input type="checkbox"/> 2,700K	<input type="checkbox"/> 1,000	<input type="checkbox"/> 0-10V	<input type="checkbox"/> Transparent flat glass
<input type="checkbox"/> 60° Medium flood	<input type="checkbox"/> 3,000K	<input type="checkbox"/> 1,500		
<input type="checkbox"/> 70° Medium wide flood	<input type="checkbox"/> 4,000K	<input type="checkbox"/> 2,500		
<input type="checkbox"/> 80° Medium wide flood				

#### ☐ NEBULA S - RGBW

Optic system	CCT	Lumen output	Driver function	Aperture lens
<input type="checkbox"/> 15° Very narrow spot	<input type="checkbox"/> RGBW	270 lm (R)	<input type="checkbox"/> DMX	<input type="checkbox"/> Transparent flat glass
<input type="checkbox"/> 25° Narrow spot		210 lm (G)		
<input type="checkbox"/> 35° Medium narrow spot		75 lm (B)		
		390 lm (W)		

#### ☐ NEBULA S - A

Optic system	CCT	Lumen output	Driver function	Aperture lens
<input type="checkbox"/> Type II	<input type="checkbox"/> Amber	350 lm (A)	<input type="checkbox"/> 0-10V	<input type="checkbox"/> Prismatic flat glass
<input type="checkbox"/> Type V				

#### ☐ NEBULA S - SNOOT

☐ snoot 30°

☐ snoot 45°

#### ☐ NEBULA S - REFRACTOR SCREEN

Linear Diffusion

#### ☐ NEBULA S - FINISH

##### Powder coating

☐ Neri grey

☐ Pure white

☐ White aluminum

☐ Grey aluminum

☐ Jet black

☐ Moss green

### NEBULA S LUMINAIRE HEAD UP LIGHT

ST

PR

RGBW

A

#### Aperture lens

Transparent flat  
glass

Prismatic flat  
glass

# NERI

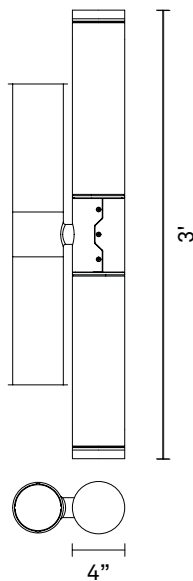
## Nebula S - ST

Source	LED
Weight	17,6lb
Height	3' 0"
Diameter	4"
EPA	0,85 ft <sup>2</sup>

Nebula luminaire heads are composed by two light sources. They can be both switched on or just one.



Compliance:  
UL Standard 1598 CSA C22.2 no.250.0-8



Luminaire head	Optic system	CCT	Delivered lumen choices	Driver functions	Aperture lens
Up	Type I	2,700K	1,000	0-10V	Prismatic flat glass
	Type II	3,000K	1,500		
	Type IV	4,000K			
	Type V				
Down	Type I	2,700K	1,000	0-10V	Prismatic flat glass
	Type II	3,000K	1,500		
	Type IV	4,000K			
	Type V				

### SPECIFICATIONS:

#### Construction:

- External frame in extruded aluminum.
- Shield in extra-clear transparent or prismatic tempered glass.
- Integrated heat sink in aluminum.
- Wiring plate in galvanized steel sheet.
- Osmotic valve to balance internal/external pressure.

#### Materials:

- Extruded aluminum.
- Galvanized steel.
- Extra clear transparent or prismatic tempered flat glass.
- Stainless or burnished steel fasteners.

#### Finish:

- Powder coating or anodizing.
- Powder coating:  
Neri grey, pure white, white aluminum, grey aluminum, jet black, moss green.
- Information about paint steps used on this product in specific technical sheet.

#### Fixing:

- Fixing by two headless screws M6 lock nuts with stainless steel.
- Central frame with a tilting system of  $\pm 45^\circ$ .

### TECHNICAL DATA:

#### Electrical:

- Voltage: 120-277V (universal).
- Rated power: from 12,6 W to 24,0 W.
- Frequency: 50/60Hz.
- Protection rating: IP66, IK08.
- Operating temp.:  $-31^\circ\text{F}$  /  $+95^\circ\text{F}$ .
- Standard surge protection for differential/common mode 10kV/10kV.

#### Optical features:

- Lumen output: from 1,000 to 1,500 lm.
- Color temperature: 2,700K to 4,000K, RGBW and Amber.
- Color Rendering Index: CRI > 80
- LED type: Nichia NVSLE21A, Nebula ST (estimated life 100,000 h L80 -  $T_q=77^\circ\text{F}$ ).
- LED type: COB CREE CMU 2287,

Nebula PR (estimated life 75,000 h L80 -  $T_q=122^\circ\text{F}$ ).

- LED type: Cree XM-L Color, Nebula RGBW (estimated life 91,000 h L90 -  $T_q=77^\circ\text{F}$ ).
- LED type: Cree XB-D Color, Nebula Amber (estimated life 60,000 h L80 -  $T_q=77^\circ\text{F}$ ).

### DRIVER FUNCTIONS:

#### Description

**0-10V** (Analogic control)

**DMX**

# NERI

## Nebula S - PR

Source	LED
Weight	17,6lb
Height	3' 0"
Diameter	4"
EPA	0,85 ft <sup>2</sup>

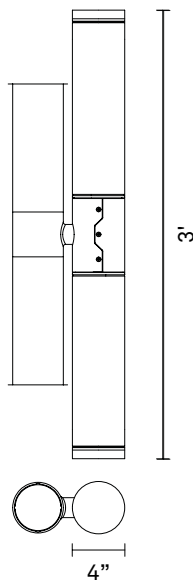
Nebula luminaire heads are composed by two light sources. They can be both switched on or just one.



Compliance:  
UL Standard 1598 CSA C22.2 no.250.0-8

Project location:	
Project name:	
Model code #:	Date

Fixture type:	
Rev.01	09/2022



Luminaire head	Optic system	CCT	Delivered lumen choices	Driver functions	Aperture lens
Up	30° Medium narrow spot	2,700K	1,000	0-10V	Transparent flat glass
	60° Medium flood	3,000K	1,500		
	70° Medium wide flood	4,000K	2,500		
	80° Medium wide flood				
Down	30° Medium narrow spot	2,700K	1,000	0-10V	Transparent flat glass
	60° Medium flood	3,000K	1,500		
	70° Medium wide flood	4,000K	2,500		
	80° Medium wide flood				

### SPECIFICATIONS:

#### Construction:

- External frame in extruded aluminum.
- Shield in extra-clear transparent or prismatic tempered glass.
- Integrated heat sink in aluminum.
- Wiring plate in galvanized steel sheet.
- Osmotic valve to balance internal/external pressure.

#### Materials:

- Extruded aluminum.
- Galvanized steel.
- Extra clear transparent or prismatic tempered flat glass.
- Stainless or burnished steel fasteners.

#### Finish:

- Powder coating or anodizing.
- Powder coating:  
Neri grey, pure white, white aluminum, grey aluminum, jet black, moss green.
- Information about paint steps used on this product in specific technical sheet.

#### Fixing:

- Fixing by two headless screws M6 lock nuts with stainless steel.
- Central frame with a tilting system of  $\pm 45^\circ$ .

### TECHNICAL DATA:

#### Electrical:

- Voltage: 120-277V (universal).
- Rated power: from 12,6 W to 24,0 W.
- Frequency: 50/60Hz.
- Protection rating: IP66, IK08.
- Operating temp.: -31°F / +95°F.
- Standard surge protection for differential/common mode 10kV/10kV.

#### Optical features:

- Lumen output: from 1,000 to 1,500 lm.
- Color temperature: 2,700K to 4,000K, RGBW and Amber.
- Color Rendering Index: CRI > 80 (70 and 90 on demand).
- LED type: Nichia NVSLE21A, Nebula ST (estimated life 100,000 h L80 - Tq=77°F).

- LED type: COB CREE CMU 2287, Nebula PR (estimated life 75,000 h L80 - Tq=122°F).
- LED type: Cree XM-L Color, Nebula RGBW (estimated life 91,000 h L90 - Tq=77°F).
- LED type: Cree XB-D Color, Nebula Amber (estimated life 60,000 h L80 - Tq=77°F).

### DRIVER FUNCTIONS:

#### Description

**0-10V** (Analogic control)

**DMX**

# NERI

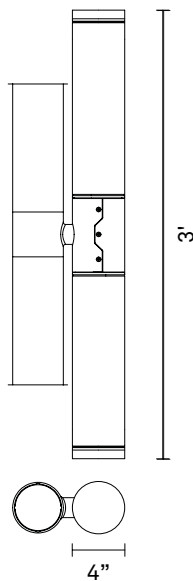
## Nebula S - RGBW

Source	LED
Weight	17,6lb
Height	3' 0"
Diameter	4"
EPA	0,85 ft <sup>2</sup>

Nebula luminaire heads are composed by two light sources. They can be both switched on or just one.



Compliance:  
UL Standard 1598 CSA C22.2 no.250.0-8



Luminaire head	Optic system	CCT	Delivered lumen choices	Driver functions	Aperture lens
Up	15° Very narrow spot	RGBW	270 (R)	DMX	Transparent flat glass
	25° Narrow spot		210 (G)		
	35° Medium narrow spot		75 (B)		
			390 (W)		
Down	15° Very narrow spot	RGBW	270 (R)	DMX	Transparent flat glass
	25° Narrow spot		210 (G)		
	35° Medium narrow spot		75 (B)		
			390 (W)		

### SPECIFICATIONS:

#### Construction:

- External frame in extruded aluminum.
- Shield in extra-clear transparent or prismatic tempered glass.
- Integrated heat sink in aluminum.
- Wiring plate in galvanized steel sheet.
- Osmotic valve to balance internal/external pressure.

#### Materials:

- Extruded aluminum.
- Galvanized steel.
- Extra clear transparent or prismatic tempered flat glass.
- Stainless or burnished steel fasteners.

#### Finish:

- Powder coating or anodizing.
- Powder coating:  
Neri grey, pure white, white aluminum, grey aluminum, jet black, moss green.
- Information about paint steps used on this product in specific technical sheet.

#### Fixing:

- Fixing by two headless screws M6 lock nuts with stainless steel.
- Central frame with a tilting system of  $\pm 45^\circ$ .

### TECHNICAL DATA:

#### Electrical:

- Voltage: 120-277V (universal).
- Rated power: from 12,6 W to 24,0 W.
- Frequency: 50/60Hz.
- Protection rating: IP66, IK08.
- Operating temp.: -31°F / +95°F.
- Standard surge protection for differential/common mode 10kV/10kV.

#### Optical features:

- Lumen output: from 1,000 to 1,500 lm.
- Color temperature: 2,700K to 4,000K, RGBW and Amber.
- Color Rendering Index: CRI > 80 (70 and 90 on demand).
- LED type: Nichia NVSLE21A, Nebula ST (estimated life 100,000 h L80 - Tq=77°F).

- LED type: COB CREE CMU 2287, Nebula PR (estimated life 75,000 h L80 - Tq=122°F).
- LED type: Cree XM-L Color, Nebula RGBW (estimated life 91,000 h L90 - Tq=77°F).
- LED type: Cree XB-D Color, Nebula Amber (estimated life 60,000 h L80 - Tq=77°F).

### DRIVER FUNCTIONS:

#### Description

0-10V (Analogic control)

DMX

# NERI

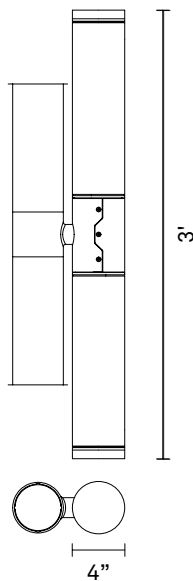
## Nebula S - Amber

Source	LED
Weight	17,6lb
Height	3' 0"
Diameter	4"
EPA	0,85 ft <sup>2</sup>

Nebula luminaire heads are composed by two light sources. They can be both switched on or just one.



Compliance:  
UL Standard 1598 CSA C22.2 no.250.0-8



Luminaire head	Optic system	CCT	Delivered lumen choices	Driver functions	Aperture lens
Up	Type II Type V	Amber	350	0-10V	Prismatic flat glass
Down	Type II Type V	Amber	350	0-10V	Prismatic flat glass

### SPECIFICATIONS:

#### Construction:

- External frame in extruded aluminum.
- Shield in extra-clear transparent or prismatic tempered glass.
- Integrated heat sink in aluminum.
- Wiring plate in galvanized steel sheet.
- Osmotic valve to balance internal/external pressure.

#### Materials:

- Extruded aluminum.
- Galvanized steel.
- Extra clear transparent or prismatic tempered flat glass.
- Stainless or burnished steel fasteners.

#### Finish:

- Powder coating or anodizing.
- Powder coating:  
Neri grey, pure white, white aluminum, grey aluminum, jet black, moss green.
- Information about paint steps used on this product in specific technical sheet.

#### Fixing:

- Fixing by two headless screws M6 lock nuts with stainless steel.
- Central frame with a tilting system of  $\pm 45^\circ$ .

### TECHNICAL DATA:

#### Electrical:

- Voltage: 120-277V (universal).
- Rated power: from 12,6 W to 24,0 W.
- Frequency: 50/60Hz.
- Protection rating: IP66, IK08.
- Operating temp.: -31°F / +95°F.
- Standard surge protection for differential/common mode 10kV/10kV.

#### Optical features:

- Lumen output: from 1,000 to 1,500 lm.
- Color temperature: 2,700K to 4,000K, RGBW and Amber.
- Color Rendering Index: CRI > 80 (70 and 90 on demand).
- LED type: Nichia NVSLE21A, Nebula ST (estimated life 100,000 h L80 - Tq=77°F).

- LED type: COB CREE CMU 2287, Nebula PR (estimated life 75,000 h L80 - Tq=122°F).
- LED type: Cree XM-L Color, Nebula RGBW (estimated life 91,000 h L90 - Tq=77°F).
- LED type: Cree XB-D Color, Nebula Amber (estimated life 60,000 h L80 - Tq=77°F).

### DRIVER FUNCTIONS:

#### Description

0-10V (Analogic control)

DMX

# NERI

Project location:	
Project name:	
Model code #:	Date

Fixture type:	
Rev.02	11/2023

## NEBULA S - ST

Prismatic flat glass - High Power LED

### 2,700K

lm tot	W tot	lm/W
1,000	12,5	80
1,500	18,7	80

### 3,000K

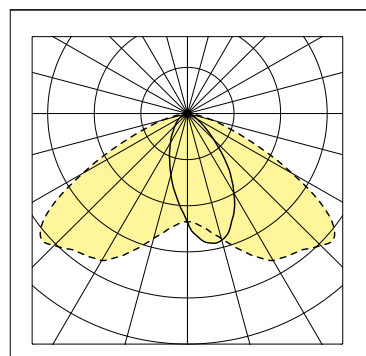
lm tot	W tot	lm/W
1,000	11,6	86
1,500	17,4	86

### 4,000K

lm tot	W tot	lm/W
1,000	10,3	97
1,500	15,5	97

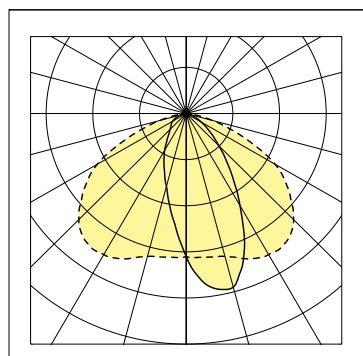
### Type I

Prismatic flat glass



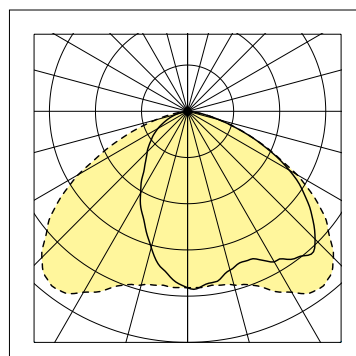
### Type II

Prismatic flat glass



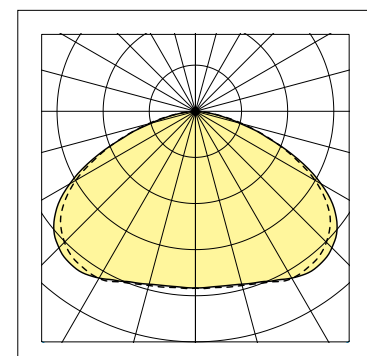
### Type IV

Prismatic flat glass



### Type V

Prismatic flat glass



LOR 100%

Full Cutoff



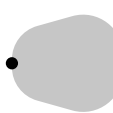
LOR 100%

Full Cutoff



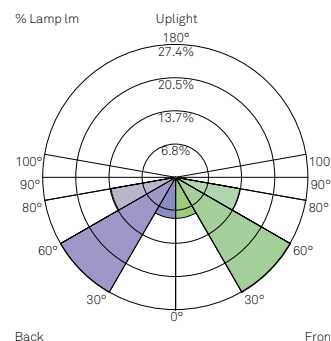
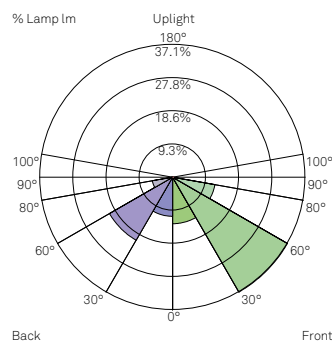
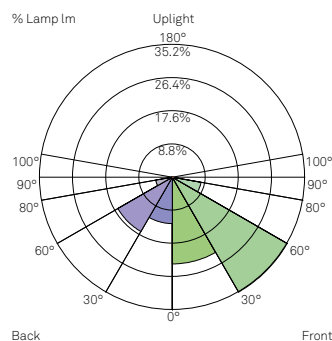
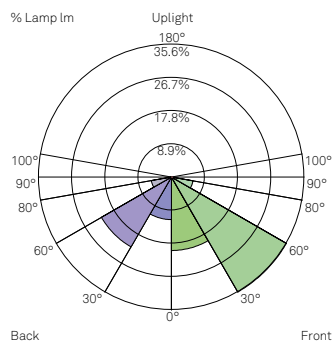
LOR 100%

Full Cutoff



LOR 100%

Full Cutoff



LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	19.7	19.7
FM	30° - 60°	35.6	35.6
FH	60° - 80°	5.9	5.9
FVH	80° - 90°	0.2	0.2
BL	0° - 30°	11.4	11.4
BM	30° - 60°	21.6	21.6
BH	60° - 80°	5.4	5.4
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: B1 U0 G0

LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	23.0	23.0
FM	30° - 60°	35.2	35.2
FH	60° - 80°	7.8	7.8
FVH	80° - 90°	0.3	0.3
BL	0° - 30°	12.3	12.3
BM	30° - 60°	16.7	16.7
BH	60° - 80°	4.5	4.5
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 G0

LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	13.0	13.0
FM	30° - 60°	37.1	37.1
FH	60° - 80°	12.1	12.1
FVH	80° - 90°	0.5	0.5
BL	0° - 30°	11.0	11.0
BM	30° - 60°	20.4	20.4
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: B1 U0 G0

LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	8.5	8.5
FM	30° - 60°	27.4	27.4
FH	60° - 80°	13.5	13.5
FVH	80° - 90°	0.6	0.6
BL	0° - 30°	8.5	8.5
BM	30° - 60°	27.4	27.4
BH	60° - 80°	13.5	13.5
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: B1 U0 G0

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# NERI

## NEBULA S - PR

Transparent flat glass - COB LED

### 2,700K

lm tot	W tot	lm/W
1,000	9,7	103
1,500	13,5	111
2,500	21,0	119

### 3,000K

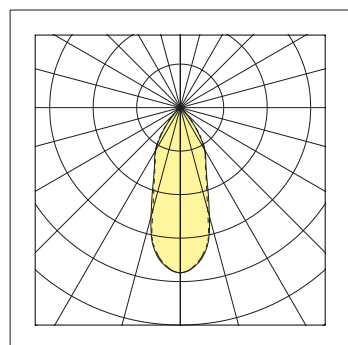
lm tot	W tot	lm/W
1,000	9,3	108
1,500	12,9	116
2,500	20,0	125

### 4,000K

lm tot	W tot	lm/W
1,000	9,0	111
1,500	12,6	119
2,500	19,4	129

### 30° Medium narrow spot

Transparent flat glass

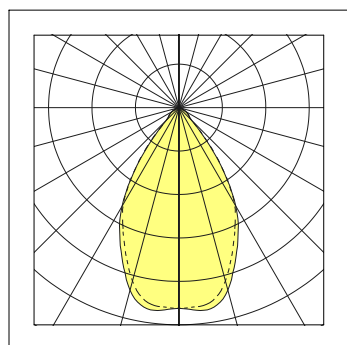


LOR 100%  
Full Cutoff  
NEMA class 5x5



### 60° Medium flood

Transparent flat glass

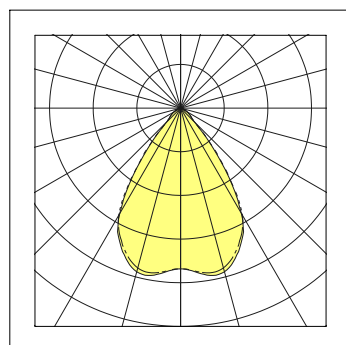


LOR 100%  
Full Cutoff  
NEMA class 5x5



### 70° Medium wide flood

Transparent flat glass

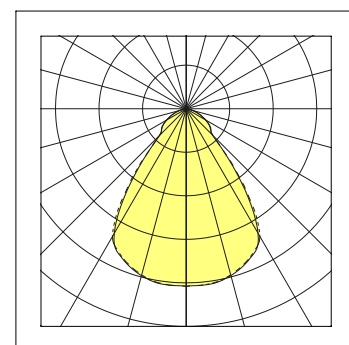


LOR 100%  
Full Cutoff  
NEMA class 5x5

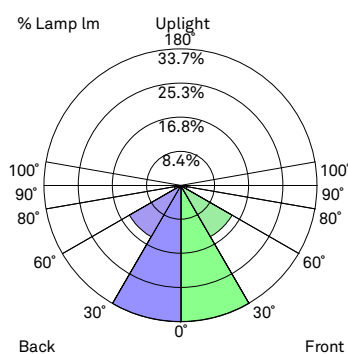


### 80° Medium wide flood

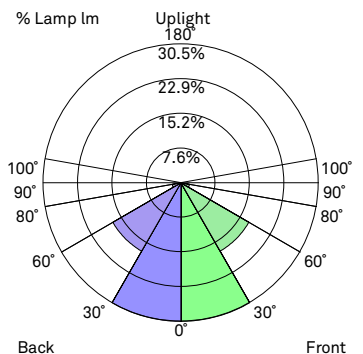
Transparent flat glass



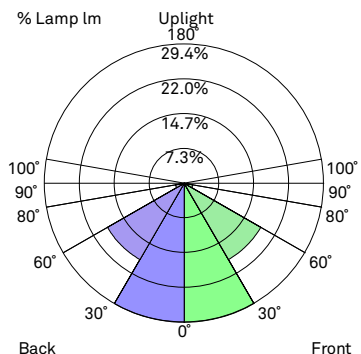
LOR 100%  
Full Cutoff  
NEMA class 7x7



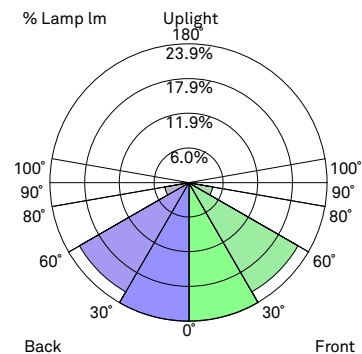
LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	33.7	33.7
FM	30° - 60°	14.6	14.6
FH	60° - 80°	1.6	1.6
FVH	80° - 90°	0.2	0.2
BL	0° - 30°	33.7	33.7
BM	30° - 60°	14.6	14.6
BH	60° - 80°	1.6	1.6
BVH	80° - 90°	0.2	0.2
UL	90° - 100°	0.0	0.0
UH	100° - 180°	0.0	0.0
Totals		100.0	100.0
BUG: B2 U0 G0			



LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	30.5	30.5
FM	30° - 60°	17.4	17.4
FH	60° - 80°	1.9	1.9
FVH	80° - 90°	0.2	0.2
BL	0° - 30°	30.5	30.5
BM	30° - 60°	17.4	17.4
BH	60° - 80°	1.9	1.9
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			



LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	29.4	29.4
FM	30° - 60°	18.6	18.6
FH	60° - 80°	1.8	1.8
FVH	80° - 90°	0.2	0.2
BL	0° - 30°	29.4	29.4
BM	30° - 60°	18.6	18.6
BH	60° - 80°	1.8	1.8
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			



LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	23.9	23.9
FM	30° - 60°	21.7	21.7
FH	60° - 80°	4.2	4.2
FVH	80° - 90°	0.2	0.2
BL	0° - 30°	23.9	23.9
BM	30° - 60°	21.7	21.7
BH	60° - 80°	4.2	4.2
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	11/2023

## NEBULA S - RGBW

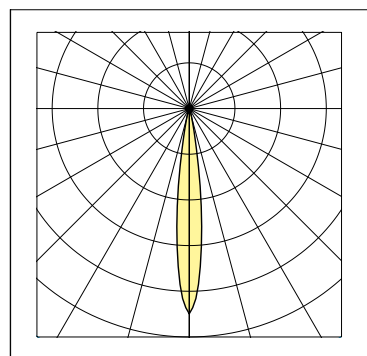
Transparent flat glass - High Power LED

### RGBW

Color	lm	$\lambda$ (nm)
Red	270 (R)	623
Green	210 (G)	517
Blu	75 (B)	455
White	390 (W)	-

### 15° Very narrow spot

Transparent flat glass

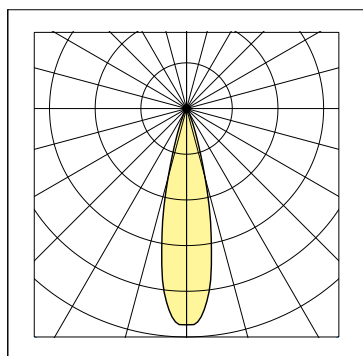


LOR 100%  
Full Cutoff  
NEMA class 2x2



### 25° Narrow spot

Transparent flat glass

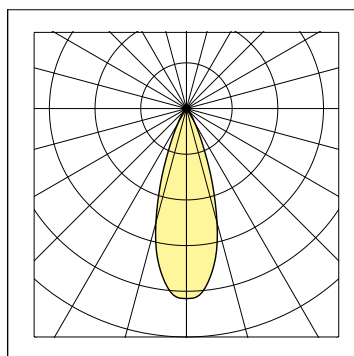


LOR 100%  
Full Cutoff  
NEMA class 3x3



### 35° Medium narrow spot

Transparent flat glass



LOR 100%  
Full Cutoff  
NEMA class 4x4



# NERI

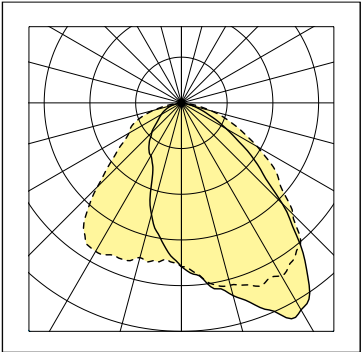
Project location:	
Project name:	
Model code #:	Date

Fixture type:	
Rev.02	11/2023

**NEBULA S - A**  
Prismatic flat glass - High Power LED

Amber		
Color	lm	$\lambda$ (nm)
Amber	350	598

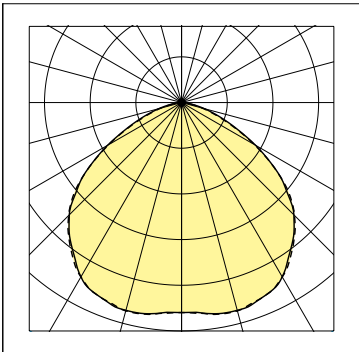
**Type II**  
Prismatic flat glass



LOR 100%  
Full Cutoff



**Type V**  
Prismatic flat glass



LOR 100%  
Full Cutoff

