

NERI

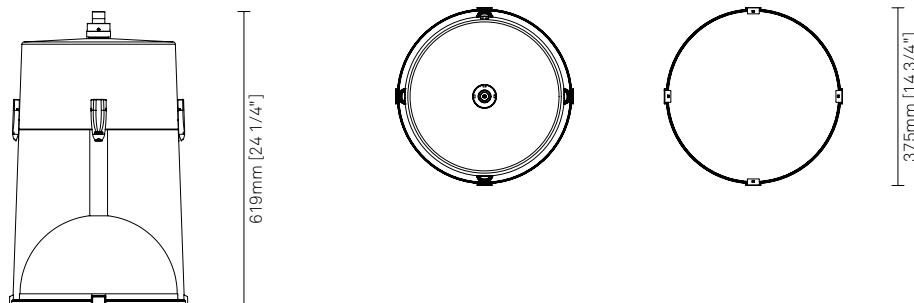
Project location:	
Project name:	
Model code #:	Date

Fixture type:	
Rev.	12/2018

Chara

Source	LED
Voltage	120V-277V
Frequency	50/60Hz
EPA	-
Weight	-
Height	24 1/4"
Length	14 3/4"

Luminaire made in die-cast aluminum cylindrical shaped with lateral screen in polycarbonate UV resistant and flat tempered prismatic glass, providing a lighting distribution with low glare.



Mounting	Series	Optic system	CCT	Lumen output	Driver function	Accessories
SU = Suspended	020L = Chara LED	18 = Type V 24 = Type IV 25 = Type III 28 = Type I	1 = 3,000K 3 = 4,000K	C1 = 3500lm C2 = 4500lm C3 = 6000lm C4 = 7500lm	02 = 1-10V + NCL 14 = auto flux red. + NCL 71 = Manual dimming	-

SPECIFICATIONS:

Construction:

- Upper frame shaped cylindrical, fast coupling G 3/4" threaded in brass with cable-gland inside.
- Lower frame composed by a cylindrical element in polycarbonate with a flat transparent tempered glass screen.

Materials:

- Die-cast aluminum (UNI 1706)
- Polycarbonate transparent, UV resistant.
- Tempered transparent flat screen glass (thickness 0.157" - shock res. IK08).
- Brass and stainless steel screws.

Finish:

- Standard colour is dark grey Neri type.
- Information about paint steps used on this product in specific technical sheet.

Mounting:

- Suspended installation with fast coupling G 3/4" threaded.

Operation and maintenance:

- Please refer to the installation and maintenance manual of the product.
- It is responsibility of the installer the correct installation and electric connection in accordance with applicable regulations.

TECHNICAL DATA:

Electrical features:

- Voltage: 120-277V (universal)
- Frequency: 50/60Hz.
- Rated power: from 26W to 60W
- Protection rating: IP55
- Operating temp.: -31F°+104F°(-35°C +40°C).
- Electronic ballast with self-diagnostic functions and monitoring of over temperatures.

Optical features:

- Light source: power leds.
- Lumen output: from 3,500 to 7,500 lm
- Colour temperature: 3,000K or 4,000K
- Chromatic Rendering Index: CRI>70.
- Estimated life: 100,000 hours (L85 - Ta 25°C).
- Heat sink in aluminium extruded for an optimal control of temperature with electronic sensor on LED plate for the control of over temperatures.
- Refractive lens in PMMA.
- IES classification: Full Cutoff.
- Shock resistance of screen: IK08.

COLOR TEMPERATURE:

3,000K

Code	lm output	Watt	lm/W
1C1	3500	27	130
1C2	4500	35	129
1C3	6000	47	128
1C4	7500	60	125

4,000K

Code	lm output	Watt	lm/W
3C1	3500	26	135
3C2	4500	33	136
3C3	6000	45	133
3C4	7500	58	129

The efficacy (lm/W) on table refers to the complete system. Data shown are referred to just one light source.

DRIVER FUNCTION:

Description

02	1-10Vdc + NCL
71	NCL + manual dimming
14	NVL + NCL

- Standard surge protection 6kV and 10kV in presence of additional protections (on demand).
- Estimated Duration B10 to 100,000 h.

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Source LED

Photometric values

LM-79 test and reports are performed in accordance with IESNA standards.

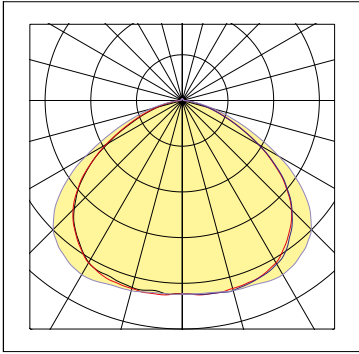
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PHOTOMETRIC DIAGRAMS

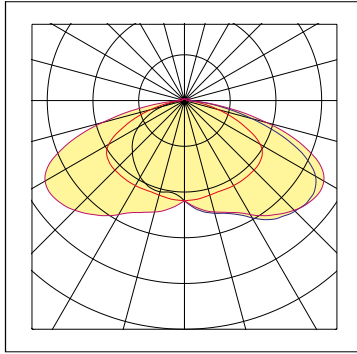
Prismatic glass - NLG18

LOR 100%



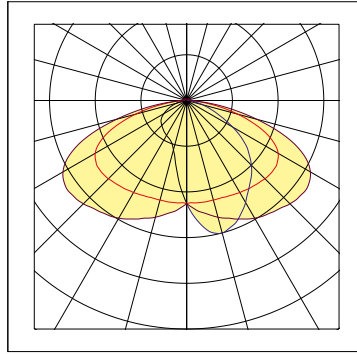
Prismatic glass - NLG24

LOR 92%



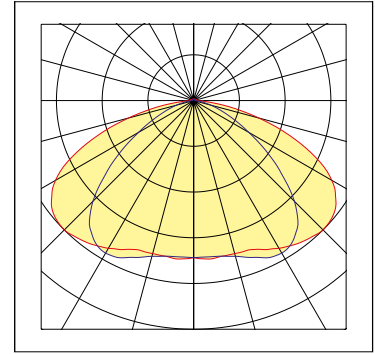
Prismatic glass - NLG25

LOR 94%



Prismatic glass - NLG28

LOR 100%



Type V

Cut Off



Type IV

Cut Off



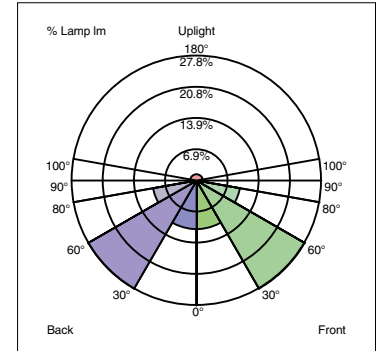
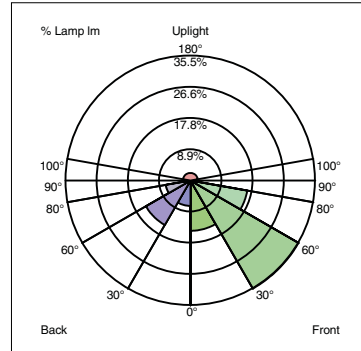
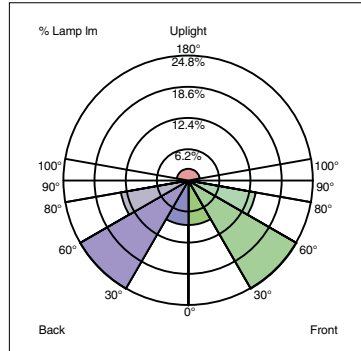
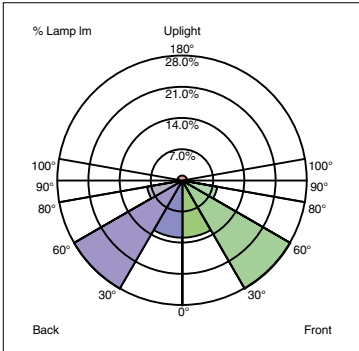
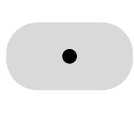
Type III

Semi Cut Off



Type I

Cut Off



LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	12.8	12.8
FM	30° - 60°	28.0	28.0
FH	60° - 80°	8.0	8.0
FVH	80° - 90°	0.5	0.5
BL	0° - 30°	12.8	12.8
BM	30° - 60°	28.0	28.0
BH	60° - 80°	8.0	8.0
BVH	80° - 90°	0.5	0.5
UL	90° - 100°	0.3	0.3
UH	100° - 180°	1.1	1.1
Totals		100.0	100.0

B2 U3 G1

LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	8.9	8.9
FM	30° - 60°	24.8	24.8
FH	60° - 80°	13.6	13.6
FVH	80° - 90°	1.2	1.2
BL	0° - 30°	8.9	8.9
BM	30° - 60°	24.8	24.8
BH	60° - 80°	13.6	13.6
BVH	80° - 90°	1.2	1.2
UL	90° - 100°	0.6	0.6
UH	100° - 180°	2.3	2.3
Totals		100.0	100.0

B2 U3 G2

LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	14.3	14.3
FM	30° - 60°	35.5	35.5
FH	60° - 80°	16.4	16.4
FVH	80° - 90°	1.4	1.4
BL	0° - 30°	7.2	7.2
BM	30° - 60°	14.6	14.6
BH	60° - 80°	7.1	7.1
BVH	80° - 90°	0.7	0.7
UL	90° - 100°	0.6	0.6
UH	100° - 180°	2.1	2.1
Totals		100.0	100.0

B2 U3 G2

LCS Zone	Angles	% Lamp	% Lum
FL	0° - 30°	10.8	10.8
FM	30° - 60°	27.8	27.8
FH	60° - 80°	9.8	9.8
FVH	80° - 90°	0.7	0.7
BL	0° - 30°	10.8	10.8
BM	30° - 60°	27.8	27.8
BH	60° - 80°	9.8	9.8
BVH	80° - 90°	0.7	0.7
UL	90° - 100°	0.3	0.3
UH	100° - 180°	1.4	1.4
Totals		100.0	100.0

B2 U3 G2