Localização da via a receber o projeto

Rua Eliza Cabral – Camaragibe – PE

AV. BELMÍNIO CORREIA

R. BELCHIOR ATHAÍDE DOS SANTOS

R. CARMELO ALVES DE BRITO

R. ANTÔNIO RODRIGUES

R. ELIZA CABRAL DE SOUZA

Mapeamento das vias para projeto

LEGENDA:

- POSTES
- SUPER POSTES
- QUIOSQUES
- ÁRVORES
- POSSÍVEL PONTO EXISTENTE DE FIBRA ÓTICA

Rua Elisa Cabral - Passagem de pedestres e finalidade comercial.

*Metragem total = 212 metros
*Largura da via= 11 metros.
*Postes comuns de 40m em 40m.
*05 Super postes com duas lâmpadas.
*Existência de quiosques, árvores e comércios no centro do calçadão.
*Piso de tonalidade marrom e preta.

Rua Belchior Ataíde – Passagem de veículos.
*Os quarteirões são residenciais.
*Metragem total da rua = 120 metros
*Largura da via= 6 metros.
*Postes comuns de 30m em 30m.
*4 Postes com 1 lâmpada cada.

PONTOS DE IMPLANTAÇÃO DO SISTEMA

3

6

2

5

1

4

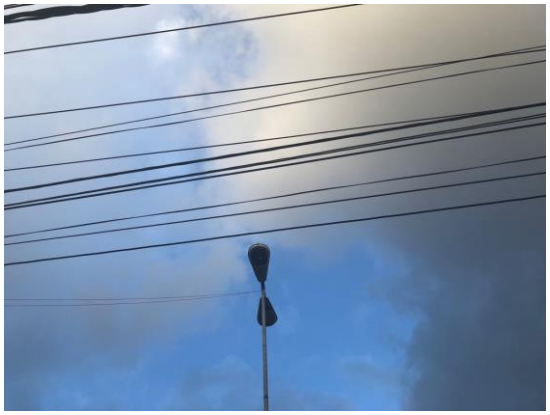
FOTOGRAFIAS DA VIA:

01 – FOTO QUIOSQUE NA VIA

02 – FOTO TIPO DE BRAÇO E LUMINÁRIA

03 – FOTO POSTEAMENTO

04 – FOTO QUIOSQUES NA VIA



05 – FOTO SUPER POSTE NO CENTRO DA VIA

06 – FOTO POSTEAMENTO INTERCALADO

ESTUDO LUMINOTÉCNICO DE IMPLANTAÇÃO DO SISTEMA

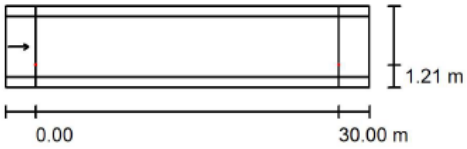
RUA BELCHIOR ATHAÍDE / Planning data

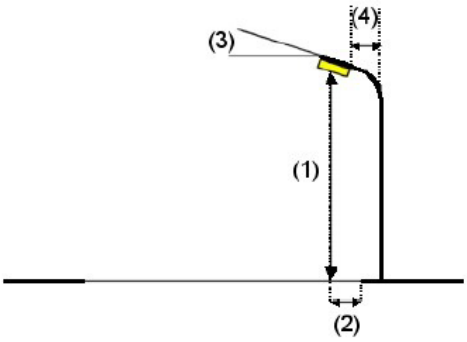
Street Profile

calçada 1	(Width: 1.000 m)
rua 1	(Width: 6.000 m, Number of lanes: 1, tarmac: R3, q0: 0.070)
calçada 2	(Width: 1.000 m)

Maintenance factor: 0.90

Luminaire Arrangements





Luminaire:	STYA-RW 90W-RW119-2A
Luminous flux (Luminaire):	16194 lm
Luminous flux (Lamps):	16195 lm
Luminaire Wattage:	89.3 W
Arrangement:	Single row, bottom
Pole Distance:	30.000 m
Mounting Height (1):	8.000 m
Height:	7.951 m
Overhang (2):	1.219 m
Boom Angle (3):	10.0 °
Boom Length (4):	1.500 m

Maximum luminous intensities

at 70°:	238 cd/klm
at 80°:	60 cd/klm
at 90°:	7.71 cd/klm

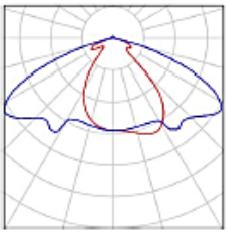
Any direction forming the specified angle from the downward vertical, with the luminaire installed for use.

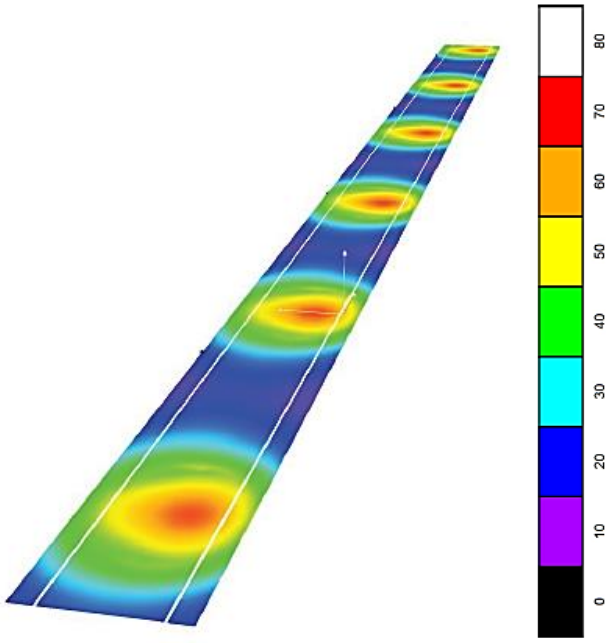
Arrangement complies with luminous intensity class G3.
Arrangement complies with glare index class D.2.

RUA BELCHIOR ATHAÍDE / Luminaire parts list

STYA-RW 90W-RW119-2A
Article No.:
Luminous flux (Luminaire): 16194 lm
Luminous flux (Lamps): 16195 lm
Luminaire Wattage: 89.3 W
Luminaire classification according to CIE: 98
CIE flux code: 45 79 98 98 100
Fitting: 1 x User defined (Correction Factor 1.000).

See our luminaire catalog for an image of the luminaire.





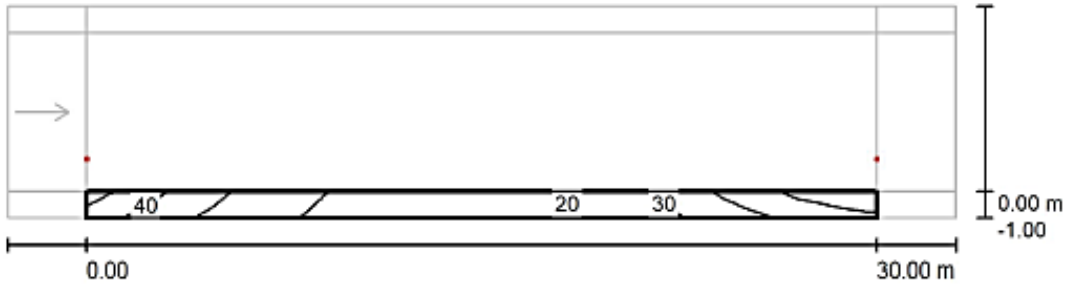
RUA BELCHIOR ATHAÍDE / calçada 1 / Isolines (E)

Values in Lux, Scale 1 : 258

Grid: 10 x 3 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
28	15	46	0.533	0.321

RUA BELCHIOR ATHAÍDE / calçada 2 / Isolines (E)

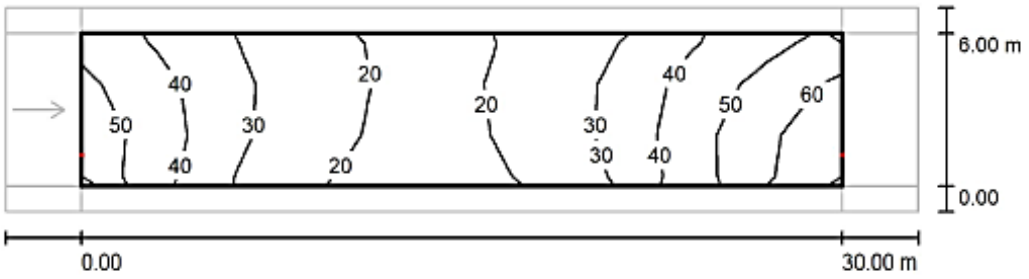


Values in Lux, Scale 1 : 258

Grid: 10 x 3 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
29	14	55	0.477	0.254

RUA BELCHIOR ATHAÍDE / rua 1 / Isolines (E)



Values in Lux, Scale 1 : 258

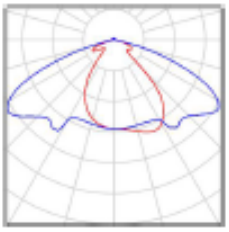
Grid: 10 x 3 Points

E_{av} [lx]	E_{min} [lx]	E_{max} [lx]	u0	E_{min} / E_{max}
34	16	64	0.476	0.255

RUA ELIZA CABRAL DE SOUZA / Luminaire parts list

STYA-RW 90W-RW119-2A
Article No.:
Luminous flux (Luminaire): 16194 lm
Luminous flux (Lamps): 16195 lm
Luminaire Wattage: 89.3 W
Luminaire classification according to CIE: 98
CIE flux code: 45 79 98 98 100
Fitting: 1 x User defined (Correction Factor 1.000).

See our luminaire catalog for an image of the luminaire.



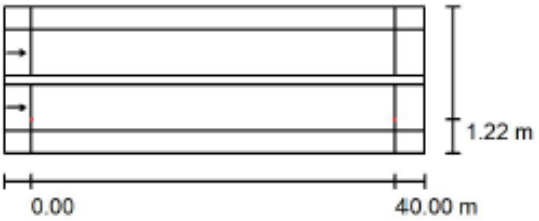
RUA ELIZA CABRAL DE SOUZA / Planning data

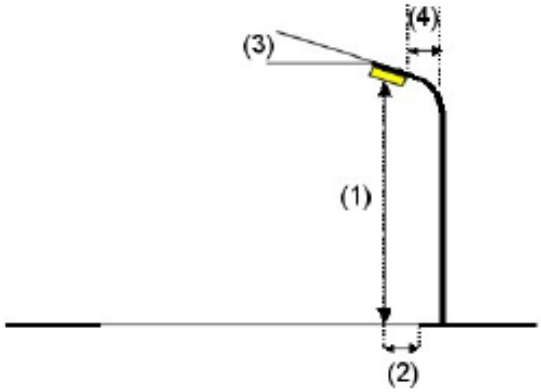
Street Profile

calçada 1	(Width: 2.500 m)
calçadão superior	(Width: 5.000 m, Number of lanes: 1, tarmac: R3, q0: 0.070)
meio calçadão	(Width: 1.000 m, Height: 0.000 m)
calçadão inferior	(Width: 5.000 m, Number of lanes: 1, tarmac: R3, q0: 0.070)
calçada 2	(Width: 2.500 m)

Maintenance factor: 0.90

Luminaire Arrangements

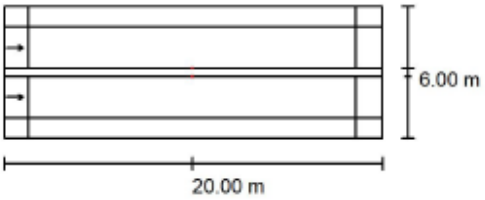


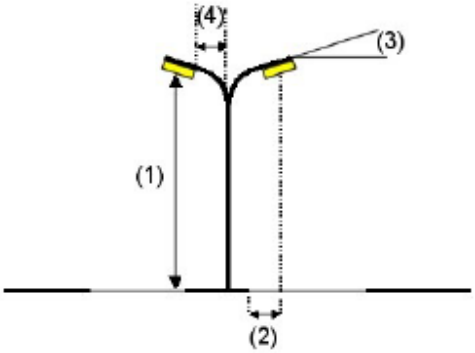


Luminaire:	STYA-RW 90W-RW119-2A		
Luminous flux (Luminaire):	16194 lm	Maximum luminous intensities	
Luminous flux (Lamps):	16195 lm	at 70°:	238 cd/klm
Luminaire Wattage:	89.3 W	at 80°:	60 cd/klm
Arrangement:	Single row, bottom	at 90°:	7.71 cd/klm
Pole Distance:	40.000 m	Any direction forming the specified angle from the downward vertical, with the luminaire installed for use.	
Mounting Height (1):	8.000 m		
Height:	7.950 m	Arrangement complies with luminous intensity class G3.	
Overhang (2):	1.219 m	Arrangement complies with glare index class D.2.	
Boom Angle (3):	0.0 °		
Boom Length (4):	1.500 m		

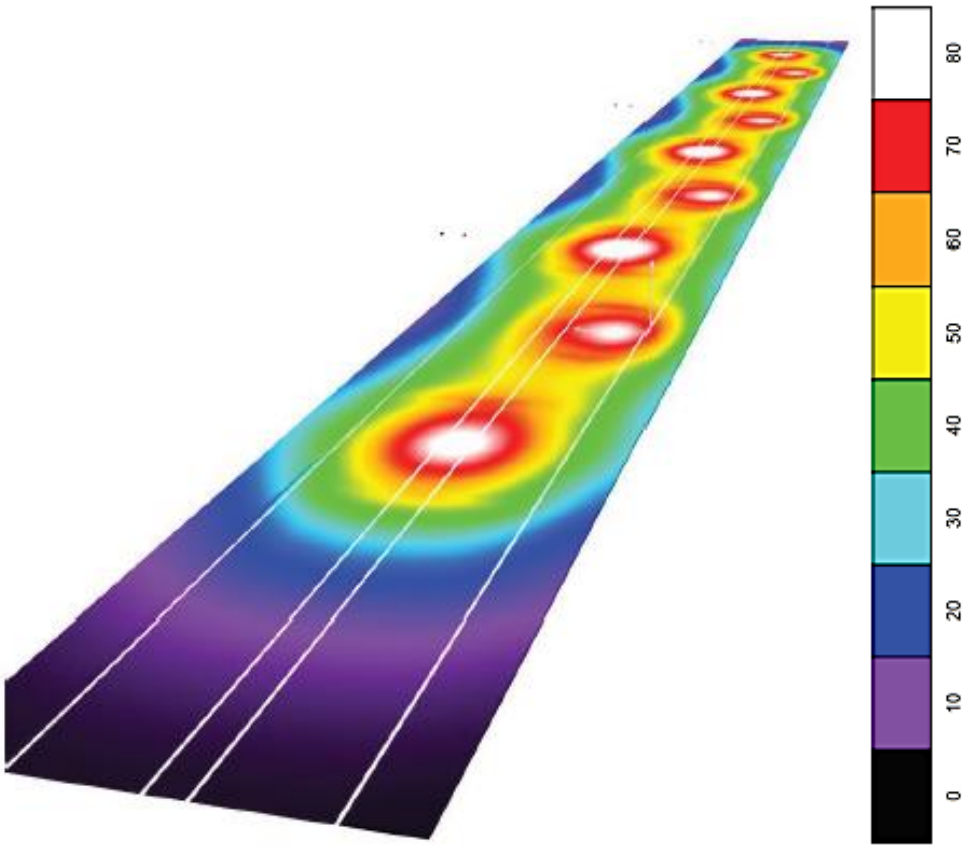
RUA ELIZA CABRAL DE SOUZA / Planning data

Luminaire Arrangements





Luminaire:	STYA-RW 90W-RW119-2A		
Luminous flux (Luminaire):	16194 lm	Maximum luminous intensities	
Luminous flux (Lamps):	16195 lm	at 70°:	238 cd/klm
Luminaire Wattage:	89.3 W	at 80°:	60 cd/klm
Arrangement:	on Median	at 90°:	7.71 cd/klm
Pole Distance:	40.000 m	Any direction forming the specified angle from the downward vertical, with the luminaire installed for use.	
Mounting Height (1):	10.000 m		
Height:	9.950 m	Arrangement complies with luminous intensity class G3.	
Overhang (2):	0.000 m	Arrangement complies with glare index class D.2.	
Boom Angle (3):	0.0 °		
Boom Length (4):	0.500 m		


80
70
60
50
40
30
20
10
0

Centro de custos para execução do projeto:

R. Eliza Cabral e R. Belchior Ataíde – Camaragibe – PE.

*Incluso impostos e transporte dos materiais;
*Puxar fibra ótica pela via (checar tipo disponível) e ceder conexão de 100MB dedicado;