STOANE LIGHTING

EQUIPMENT DESIGN + MANUFACTURE

Fitting name:
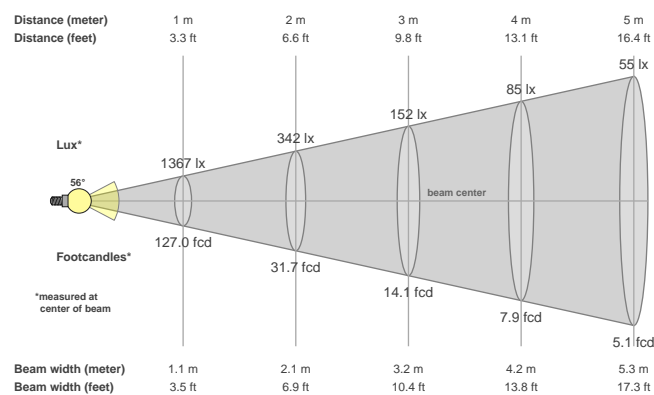**MSL_GTX2.50_9mm Xicato**
XTM_80CRI_3000K_1300lm_Extra
Wide flood

Date:
30/10/2018

Delivered Output: 1066 Lumen

LOR: 82% *

55.6°

99.7% light in 120° cone
1066 lm @120° + 4.lm @240° = Total 1070 lm
EEI (EU Energy efficiency index): 0.26

Beam details

Distance (meter)	1 m	2 m	3 m	4 m	5 m
Distance (feet)	3.3 ft	6.6 ft	9.8 ft	13.1 ft	16.4 ft

55 lx
85 lx
152 lx
342 lx
1367 lx

Lux*

56°

beam center

127.0 fcd

Footcandles*

31.7 fcd

14.1 fcd

7.9 fcd

5.1 fcd

*measured at center of beam

Beam width (meter)	1.1 m	2.1 m	3.2 m	4.2 m	5.3 m
Beam width (feet)	3.5 ft	6.9 ft	10.4 ft	13.8 ft	17.3 ft
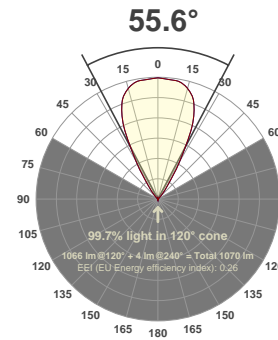
Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
55.6°	75.4°	89.3°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
1367 cd	99.7%	98.3%

Beam intensities from 1-20m

1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
1367lx	342lx	152lx	85lx	55lx	38lx	28lx	21lx	17lx	14lx	11lx	9lx	8lx	7lx	6lx	5lx	5lx	4lx	4lx	3lx
127fcd	31.7fcd	14.1fcd	7.9fcd	5.1fcd	3.5fcd	2.6fcd	2fcd	1.6fcd	1.3fcd	1fcd	0.9fcd	0.8fcd	0.6fcd	0.6fcd	0.5fcd	0.4fcd	0.4fcd	0.4fcd	0.3fcd

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The power figures in the files have been generated based on the voltage and current to the light source only, not allowing for any driver losses. This is because our fittings are used with a number of different drivers (sometimes integral) and loaded differently, these variations effect the driver power factor and efficiency which in turn skews the power consumption figure.

Files are not always available for the specific combination of beam, accessory, driver selected, so these can be specifically requested. As with requests for specific colour temperatures this can take some time to generate as these combinations must be made then scheduled in to testing. MSL will advise on how long requests for specific data are likely to take.

MSL advise that lighting designers apply a +/- 5% tolerance allowance on the files we provide as subtle variations in system components (eg slight variations in output of LED light sources through a bin) and ambient temperature variations can effect output and distribution slightly.

Glare Evaluation According to UGR

p Ceiling	70	70	50	50	30	70	70	50	50	30
p Walls	50	30	50	30	30	50	30	50	30	30
p Floor	20	20	20	20	20	20	20	20	20	20
Room size X Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H 2H	19.3	19.9	19.5	20.1	20.3	19.3	19.9	19.5	20.1	20.3
3H	19.1	19.7	19.4	20.0	20.2	19.1	19.7	19.4	20.0	20.2
4H	19.1	19.6	19.4	19.9	20.1	19.1	19.6	19.4	19.9	20.1
6H	19.0	19.5	19.3	19.8	20.1	19.0	19.5	19.3	19.8	20.1
8H	19.0	19.5	19.3	19.7	20.0	19.0	19.5	19.3	19.7	20.0
12H	18.9	19.4	19.3	19.7	20.0	18.9	19.4	19.3	19.7	20.0
4H 2H	19.1	19.6	19.4	19.9	20.1	19.1	19.6	19.4	19.9	20.1
3H	18.9	19.4	19.3	19.7	20.0	18.9	19.4	19.3	19.7	20.0
4H	18.9	19.3	19.2	19.6	19.9	18.9	19.3	19.2	19.6	19.9
6H	18.8	19.1	19.2	19.5	19.9	18.8	19.1	19.2	19.5	19.9
8H	18.7	19.0	19.2	19.4	19.8	18.7	19.0	19.2	19.4	19.8
12H	18.7	19.0	19.1	19.4	19.8	18.7	19.0	19.1	19.4	19.8
8H 4H	18.7	19.0	19.2	19.4	19.8	18.7	19.0	19.2	19.4	19.8
6H	18.7	18.9	19.1	19.3	19.7	18.7	18.9	19.1	19.3	19.7
8H	18.6	18.8	19.1	19.2	19.7	18.6	18.8	19.1	19.2	19.7
12H	18.6	18.7	19.0	19.2	19.7	18.6	18.7	19.0	19.2	19.7
12H 4H	18.7	19.0	19.1	19.4	19.8	18.7	19.0	19.1	19.4	19.8
6H	18.6	18.8	19.1	19.2	19.7	18.6	18.8	19.1	19.2	19.7
8H	18.6	18.7	19.0	19.2	19.7	18.6	18.7	19.0	19.2	19.7
Variation of the observer position for the luminaire distance S										
S = 1.0H	+5.8 / -13.7					+5.8 / -13.7				
S = 1.5H	+8.6 / -22.7					+8.6 / -22.7				
S = 2.0H	+10.6 / -99.6					+10.6 / -99.6				
Standard table	BK00					BK00				
Correction summand	0.6					0.6				
Corrected glare indices referring to 1066lm total luminous flux										

STOANE LIGHTING

EQUIPMENT DESIGN + MANUFACTURE

Fitting name:
MSL_GTX2.50_9mm Xicato
XTM_80CRI_3000K_1300lm_Flood

Date:
13/03/2018

Delivered Output: 968 Lumen

LOR: 74% *

33.8°

99.4% light in 120° cone
968 lm@120° + 6 lm@240° = Total 974 lm
EEI (EU Energy efficiency index): 0.28

Beam details

Distance (meter)	1 m	2 m	3 m	4 m	5 m
Distance (feet)	3.3 ft	6.6 ft	9.8 ft	13.1 ft	16.4 ft

116 lx
181 lx
322 lx
725 lx
2901 lx

Lux*

34°

beam center

269.5 fcd
67.4 fcd
29.9 fcd
16.8 fcd
10.8 fcd

Footcandles*

*measured at center of beam

Beam width (meter)	0.6 m	1.2 m	1.8 m	2.4 m	3 m
Beam width (feet)	2 ft	4 ft	6 ft	8 ft	10 ft
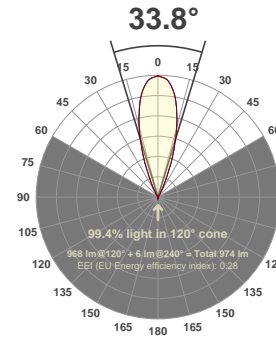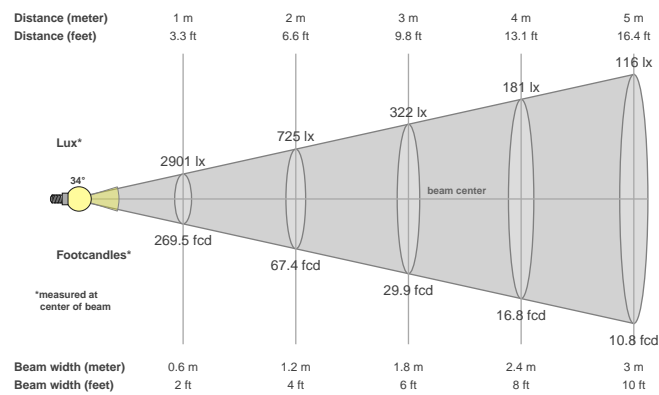
Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
33.8°	54°	66.6°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
2901 cd	99.4%	98.8%

Beam intensities from 1-20m

1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
2901lx	725lx	322lx	181lx	116lx	81lx	59lx	45lx	36lx	29lx	24lx	20lx	17lx	15lx	13lx	11lx	10lx	9lx	8lx	7lx
269.5fcd	67.4fcd	29.9fcd	16.8fcd	10.8fcd	7.5fcd	5.5fcd	4.2fcd	3.3fcd	2.7fcd	2.2fcd	1.9fcd	1.6fcd	1.4fcd	1.2fcd	1.1fcd	0.9fcd	0.8fcd	0.7fcd	0.7fcd

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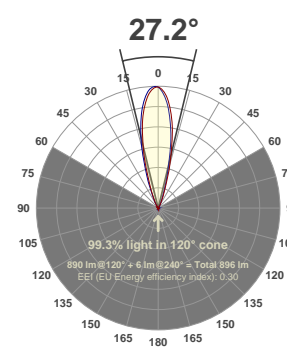
Glare Evaluation According to UGR

p Ceiling		70	70	50	50	30	70	70	50	50	30
p Walls		50	30	50	30	30	50	30	50	30	30
p Floor		20	20	20	20	20	20	20	20	20	20
Room size X Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	10.4	11.0	10.6	11.2	11.4	10.4	11.0	10.6	11.2	11.4
	3H	10.3	10.8	10.5	11.1	11.3	10.3	10.8	10.5	11.1	11.3
	4H	10.2	10.7	10.5	11.0	11.2	10.2	10.7	10.5	11.0	11.2
	6H	10.1	10.6	10.4	10.9	11.2	10.1	10.6	10.4	10.9	11.2
	8H	10.1	10.6	10.4	10.8	11.1	10.1	10.6	10.4	10.8	11.1
	12H	10.0	10.5	10.4	10.8	11.1	10.0	10.5	10.4	10.8	11.1
4H	2H	10.2	10.7	10.5	11.0	11.3	10.2	10.7	10.5	11.0	11.3
	3H	10.1	10.5	10.4	10.8	11.1	10.1	10.5	10.4	10.8	11.1
	4H	10.0	10.4	10.4	10.7	11.0	10.0	10.4	10.4	10.7	11.0
	6H	9.9	10.2	10.3	10.6	11.0	9.9	10.2	10.3	10.6	11.0
	8H	9.9	10.2	10.3	10.5	10.9	9.9	10.2	10.3	10.5	10.9
	12H	9.8	10.1	10.3	10.5	10.9	9.8	10.1	10.3	10.5	10.9
8H	4H	9.9	10.2	10.3	10.5	10.9	9.9	10.2	10.3	10.5	10.9
	6H	9.8	10.0	10.2	10.4	10.9	9.8	10.0	10.2	10.4	10.9
	8H	9.7	9.9	10.2	10.3	10.8	9.7	9.9	10.2	10.3	10.8
	12H	9.7	9.8	10.2	10.3	10.8	9.7	9.8	10.2	10.3	10.8
12H	4H	9.8	10.1	10.3	10.5	10.9	9.8	10.1	10.3	10.5	10.9
	6H	9.7	9.9	10.2	10.3	10.8	9.7	9.9	10.2	10.3	10.8
	8H	9.7	9.8	10.2	10.3	10.8	9.7	9.8	10.2	10.3	10.8
Variation of the observer position for the luminaire distance S											
S = 1.0H		+5.6 / -9.5					+5.6 / -9.5				
S = 1.5H		+8.4 / -17.8					+8.4 / -17.8				
S = 2.0H		+10.4 / -91.0					+10.4 / -91.0				
Standard table		BK00					BK00				
Correction summand		-8.3					-8.3				
Corrected glare indices referring to 968lm total luminous flux											

STOANE LIGHTING

EQUIPMENT DESIGN + MANUFACTURE

Fitting name:
MSL_GTX2.50_9mm Xicato
XTM_80CRI_3000K_1300lm_Medium

Date:
13/03/2018

Delivered Output: 890 Lumen

LOR: 68% *

27.2°

99.3% light in 120° cone
890 lm@120° + 6 lm@240° = Total 896 lm
EEI (EU Energy efficiency index): 0.30

Beam details

Distance (meter)	1 m	2 m	3 m	4 m	5 m
Distance (feet)	3.3 ft	6.6 ft	9.8 ft	13.1 ft	16.4 ft

146 lx
228 lx
406 lx
912 lx
3650 lx

Lux*

27°

beam center

339.1 fcd
84.8 fcd
37.7 fcd
21.2 fcd
13.6 fcd

Footcandles*

*measured at
center of beam

Beam width (meter)	0.5 m	1 m	1.4 m	1.9 m	2.4 m
Beam width (feet)	1.6 ft	3.2 ft	4.8 ft	6.3 ft	7.9 ft
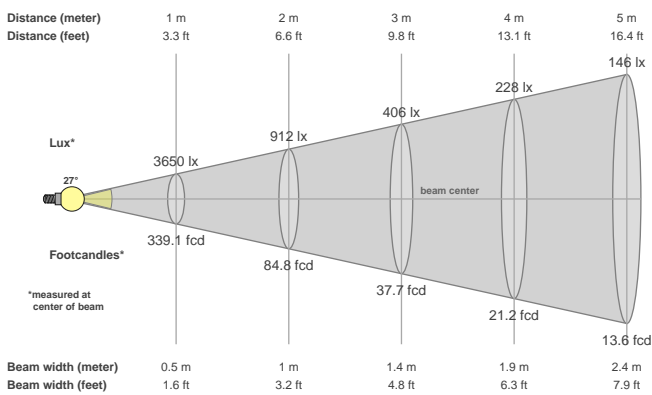
Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
27.2°	46.5°	63.2°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
3667 cd	99.3%	98.6%

Beam intensities from 1-20m

1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
3650lx	912lx	406lx	228lx	146lx	101lx	74lx	57lx	45lx	36lx	30lx	25lx	22lx	19lx	16lx	14lx	13lx	11lx	10lx	9lx
339.1fcd	84.8fcd	37.7fcd	21.2fcd	13.6fcd	9.4fcd	6.9fcd	5.3fcd	4.2fcd	3.4fcd	2.8fcd	2.4fcd	2fcd	1.7fcd	1.5fcd	1.3fcd	1.2fcd	1fcd	0.9fcd	0.8fcd

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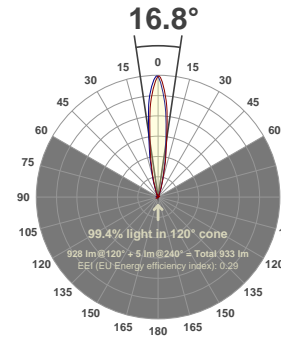
Glare Evaluation According to UGR

p Ceiling			70	70	50	50	30	70	70	50	50	30
p Walls			50	30	50	30	30	50	30	50	30	30
p Floor			20	20	20	20	20	20	20	20	20	20
Room size X Y			Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H		11.2	11.8	11.4	12.0	12.2	9.6	10.2	9.8	10.4	10.6
	3H		11.0	11.6	11.3	11.9	12.1	9.5	10.1	9.7	10.3	10.5
	4H		11.0	11.5	11.3	11.8	12.0	9.4	9.9	9.7	10.2	10.5
	6H		10.9	11.4	11.2	11.7	12.0	9.3	9.8	9.6	10.1	10.4
	8H		10.9	11.4	11.2	11.6	11.9	9.3	9.8	9.6	10.1	10.4
	12H		10.8	11.3	11.2	11.6	11.9	9.3	9.7	9.6	10.0	10.3
4H	2H		11.0	11.6	11.3	11.8	12.1	9.4	10.0	9.7	10.2	10.5
	3H		10.9	11.3	11.2	11.6	11.9	9.3	9.7	9.6	10.0	10.3
	4H		10.8	11.2	11.2	11.5	11.9	9.2	9.6	9.6	9.9	10.3
	6H		10.7	11.0	11.1	11.4	11.8	9.1	9.4	9.5	9.8	10.2
	8H		10.7	11.0	11.1	11.3	11.7	9.1	9.4	9.5	9.7	10.1
	12H		10.6	10.9	11.1	11.3	11.7	9.0	9.3	9.5	9.7	10.1
8H	4H		10.7	11.0	11.1	11.3	11.7	9.1	9.4	9.5	9.7	10.1
	6H		10.6	10.8	11.0	11.2	11.7	9.0	9.2	9.4	9.6	10.1
	8H		10.5	10.7	11.0	11.2	11.6	8.9	9.1	9.4	9.6	10.0
	12H		10.5	10.6	11.0	11.1	11.6	8.9	9.0	9.4	9.5	10.0
12H	4H		10.6	10.9	11.1	11.3	11.7	9.0	9.3	9.5	9.7	10.1
	6H		10.5	10.7	11.0	11.2	11.6	8.9	9.1	9.4	9.6	10.0
	8H		10.5	10.6	11.0	11.1	11.6	8.9	9.0	9.4	9.5	10.0
Variation of the observer position for the luminaire distance S												
S = 1.0H			+5.1 / -11.2					+6.1 / -17.5				
S = 1.5H			+7.6 / -17.6					+8.8 / -24.3				
S = 2.0H			+9.5 / -92.5					+10.8 / -90.7				
Standard table			BK00					BK00				
Correction summand			-7.5					-9.1				
Corrected glare indices referring to 890lm total luminous flux												

STOANE LIGHTING

EQUIPMENT DESIGN + MANUFACTURE

Fitting name:
MSL_GTX2.50_9mm Xicato
XTM_80CRI_3000K_1300lm_Narrow

Date:
13/03/2018

Delivered Output: 928 Lumen

LOR: 71% *

16.8°

99.4% light in 120° cone
928 lm@120° + 5 lm@240° = Total 933 lm
EEI (EU Energy efficiency index): 0.29

Beam details

Distance (meter)	1 m	2 m	3 m	4 m	5 m
Distance (feet)	3.3 ft	6.6 ft	9.8 ft	13.1 ft	16.4 ft

306 lx
478 lx
849 lx
1911 lx
7644 lx

Lux*

17°

beam center

710.1 fcd
177.5 fcd
78.9 fcd
44.4 fcd
28.4 fcd

Footcandles*

*measured at center of beam

Beam width (meter)	0.3 m	0.6 m	0.9 m	1.2 m	1.5 m
Beam width (feet)	1 ft	1.9 ft	2.9 ft	3.9 ft	4.8 ft
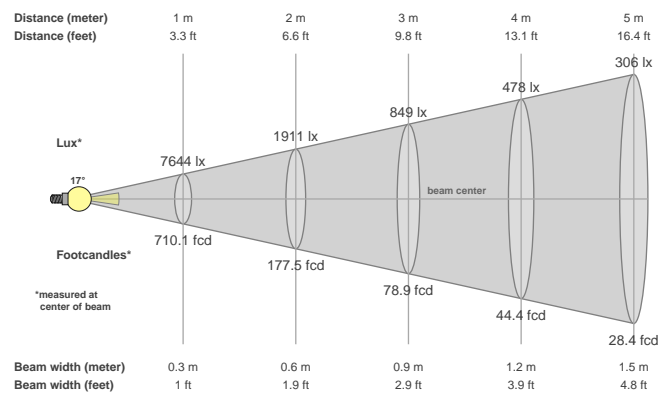
Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
16.8°	34.9°	47.9°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
7784 cd	99.4%	98.8%

Beam intensities from 1-20m

1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
7644lx	1911lx	849lx	478lx	306lx	212lx	156lx	119lx	94lx	76lx	63lx	53lx	45lx	39lx	34lx	30lx	26lx	24lx	21lx	19lx
710.1fcd	177.5fcd	78.9fcd	44.4fcd	28.4fcd	19.7fcd	14.5fcd	11.1fcd	8.8fcd	7.1fcd	5.9fcd	4.9fcd	4.2fcd	3.6fcd	3.2fcd	2.8fcd	2.5fcd	2.2fcd	2fcd	1.8fcd

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Glare Evaluation According to UGR

p Ceiling	70	70	50	50	30	70	70	50	50	30
p Walls	50	30	50	30	30	50	30	50	30	30
p Floor	20	20	20	20	20	20	20	20	20	20
Room size X Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H 2H	7.9	8.6	8.2	8.8	9.0	3.1	3.8	3.4	4.0	4.2
3H	7.8	8.4	8.1	8.6	8.9	3.0	3.6	3.3	3.8	4.0
4H	7.7	8.3	8.0	8.5	8.8	2.9	3.5	3.2	3.7	4.0
6H	7.7	8.2	8.0	8.5	8.7	2.9	3.4	3.2	3.6	3.9
8H	7.6	8.1	8.0	8.4	8.7	2.8	3.3	3.2	3.6	3.9
12H	7.6	8.1	7.9	8.4	8.7	2.8	3.2	3.1	3.5	3.9
4H 2H	7.8	8.3	8.1	8.6	8.9	3.0	3.5	3.3	3.8	4.0
3H	7.7	8.1	8.0	8.4	8.7	2.8	3.3	3.1	3.6	3.9
4H	7.6	8.0	7.9	8.3	8.6	2.7	3.1	3.1	3.5	3.8
6H	7.5	7.8	7.9	8.2	8.6	2.7	3.0	3.1	3.3	3.7
8H	7.5	7.7	7.9	8.1	8.5	2.6	2.9	3.0	3.3	3.7
12H	7.4	7.7	7.9	8.1	8.5	2.6	2.8	3.0	3.2	3.6
8H 4H	7.5	7.7	7.9	8.1	8.5	2.6	2.9	3.0	3.3	3.7
6H	7.4	7.6	7.8	8.0	8.4	2.5	2.7	3.0	3.2	3.6
8H	7.3	7.5	7.8	7.9	8.4	2.5	2.7	2.9	3.1	3.6
12H	7.3	7.4	7.8	7.9	8.4	2.4	2.6	2.9	3.0	3.5
12H 4H	7.4	7.7	7.9	8.1	8.5	2.6	2.8	3.0	3.2	3.6
6H	7.3	7.5	7.8	7.9	8.4	2.5	2.7	2.9	3.1	3.6
8H	7.3	7.4	7.8	7.9	8.4	2.4	2.6	2.9	3.0	3.5
Variation of the observer position for the luminaire distance S										
S = 1.0H	+5.0 / -10.8					+5.8 / -13.1				
S = 1.5H	+7.4 / -18.4					+8.6 / -18.1				
S = 2.0H	+9.2 / -89.8					+10.6 / -83.9				
Standard table	BK00					BK00				
Correction summand	-10.7					-15.5				
Corrected glare indices referring to 928lm total luminous flux										

STOANE LIGHTING

EQUIPMENT DESIGN + MANUFACTURE

Fitting name:
MSL_GTX2.50_9mm Xicato
XTM_80CRI_3000K_1300lm_Wall
washer

Date:
25/05/2018

Delivered Output: 615 Lumen

LOR: 46% *

97.2% light in 120° cone
615 lm@120° + 18 lm@240° = Total 633 lm
EEI (EU Energy efficiency index): 0.42

60.5°
30.5°

Beam details

| Distance (meter) | 1 m | 2 m | 3 m | 4 m | 5 m |
| Distance (feet) | 3.3 ft | 6.6 ft | 9.8 ft | 13.1 ft | 16.4 ft |

15 lx
23 lx
41 lx
92 lx
369 lx
Lux*
41°
34.3 fcd
8.6 fcd
3.8 fcd
2.1 fcd
1.4 fcd
Footcandles*
beam center
*measured at center of beam

| Beam width (meter) | 0.8 m | 1.5 m | 2.3 m | 3 m | 3.8 m |
| Beam width (feet) | 2.5 ft | 4.9 ft | 7.4 ft | 9.9 ft | 12.4 ft |
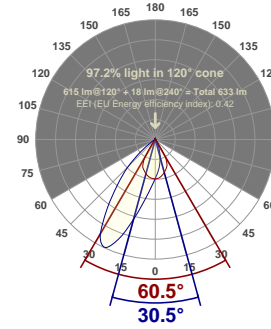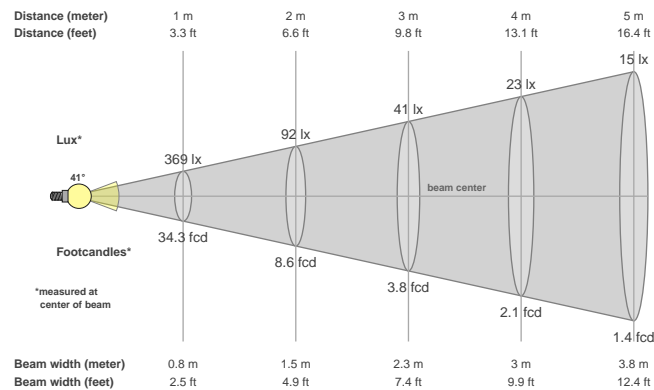
Beam angles

Beam angle 50%	Field angle 10%	Cutoff angle 2,5%
41.3°	73.5°	90.5°

Beam intensities

Peak intensity	Int. ratio in 120° cone	Int. ratio in 90° cone
1113 cd	97.2%	90.8%

Beam intensities from 1-20m

1m	2m	3m	4m	5m	6m	7m	8m	9m	10m	11m	12m	13m	14m	15m	16m	17m	18m	19m	20m
3.3ft	6.6ft	9.8ft	13.1ft	16.4ft	19.7ft	23ft	26.2ft	29.5ft	32.8ft	36.1ft	39.4ft	42.7ft	45.9ft	49.2ft	52.5ft	55.8ft	59.1ft	62.3ft	65.6ft
369lx	92lx	41lx	23lx	15lx	10lx	8lx	6lx	5lx	4lx	3lx	3lx	2lx	2lx	2lx	1lx	1lx	1lx	1lx	1lx
34.3fcd	8.6fcd	3.8fcd	2.1fcd	1.4fcd	1fcd	0.7fcd	0.5fcd	0.4fcd	0.3fcd	0.3fcd	0.2fcd	0.2fcd	0.2fcd	0.2fcd	0.1fcd	0.1fcd	0.1fcd	0.1fcd	0.1fcd

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STOANE LIGHTING

EQUIPMENT DESIGN + MANUFACTURE

Glare Evaluation According to UGR

p Ceiling		70	70	50	50	30	70	70	50	50	30
p Walls		50	30	50	30	30	50	30	50	30	30
p Floor		20	20	20	20	20	20	20	20	20	20
Room size X Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	20.8	21.6	21.1	21.8	22.0	5.1	5.9	5.4	6.1	6.3
	3H	20.7	21.4	21.0	21.6	21.8	5.0	5.7	5.3	5.9	6.1
	4H	20.6	21.3	20.9	21.5	21.8	4.9	5.6	5.2	5.8	6.1
	6H	20.5	21.1	20.9	21.4	21.7	4.8	5.4	5.2	5.7	6.0
	8H	20.5	21.1	20.8	21.4	21.7	4.8	5.4	5.1	5.7	6.0
	12H	20.5	21.0	20.8	21.3	21.6	4.8	5.3	5.1	5.6	5.9
4H	2H	20.6	21.3	20.9	21.5	21.8	5.5	6.1	5.8	6.4	6.7
	3H	20.5	21.0	20.8	21.3	21.7	5.3	5.9	5.7	6.2	6.5
	4H	20.4	20.9	20.8	21.2	21.6	5.3	5.7	5.6	6.1	6.4
	6H	20.4	20.7	20.8	21.1	21.5	5.2	5.6	5.6	5.9	6.3
	8H	20.3	20.7	20.7	21.0	21.4	5.2	5.5	5.6	5.9	6.3
	12H	20.3	20.6	20.7	21.0	21.4	5.1	5.4	5.5	5.8	6.2
8H	4H	20.3	20.7	20.7	21.0	21.4	5.2	5.5	5.6	5.9	6.3
	6H	20.2	20.5	20.7	20.9	21.4	5.1	5.3	5.5	5.8	6.2
	8H	20.2	20.4	20.6	20.9	21.3	5.0	5.3	5.5	5.7	6.2
	12H	20.1	20.3	20.6	20.8	21.3	5.0	5.2	5.5	5.6	6.1
12H	4H	20.3	20.6	20.7	21.0	21.4	5.1	5.4	5.5	5.8	6.2
	6H	20.2	20.4	20.6	20.9	21.3	5.0	5.3	5.5	5.7	6.2
	8H	20.1	20.3	20.6	20.8	21.3	5.0	5.2	5.5	5.6	6.1
Variation of the observer position for the luminaire distance S											
S = 1.0H		+5.5 / -12.2					+2.5 / -3.7				
S = 1.5H		+7.0 / -20.0					+4.0 / -10.9				
S = 2.0H		+8.6 / -105.3					+5.7 / -87.7				
Standard table		BK00					BK01				
Correction summand		2.2					-12.7				
Corrected glare indices referring to 615lm total luminous flux											