

- THE ANTI-GLARE CHARACTERISTICS ARE IMPROVED BY 2 TO 3 UGR (UNIFIED GLARE RATING) UNITS COMPARED TO STANDARD DIFFUSER OPTIONS
- HIGH IMPACT CLEAR PC EXTRUSION, LOW SMOKE AND FUME, HOT FILAMENT TEST 850°C
- IP 40 PROTECTION
- THE SELUX MULTI LAYER TECHNOLOGY IS PATENT PROTECTED

MICROPRISMS

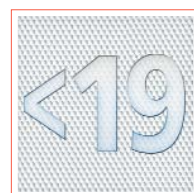


Multi layer diffuser technology with microprisms is now available with SATINLIGHTS® M60, M100 and M150 products. The enhanced performance of the anti-glare diffuser is created by embedding the microprismatic layer into a clear polycarbonate diffuser which protects the prism vertexes.



* Patent protected

LIGHTING FOR WORKPLACES



The SATINLIGHTS® M150 with microprisms combined with CLT (Constant Luminance Technology) provides luminances below 1000 cd/m² - ideal for use in offices using visual display units. The improved glare protection (UGR<19) makes the use of M100 and M60 luminaires possible in office spaces for 1 or 2 persons where the reflected image of the fittings on VDU's can be avoided.



UGR < 19

1000 cd/m² CLT

The CLT technology gives an energy saving of 15% by reducing the initial lumens to approximately 70%. In addition, it continues to compensate the normal light loss from the lamps until the next scheduled maintenance (thus allowing a maintenance factor of 1). Furthermore, the luminance of all fixtures in an installation remains constant even if an individual lamp is replaced (patent applied for).

-SYSTEM



The -system developed by Semperlux offers architects and designers totally flexible lighting solutions. Continuous runs of light virtually devoid of shadow are achieved with overlapping lamps. An -system installation can be made up from aluminium profiles of up to 5m long accommodating different lamp wattages in a single length together with anti-glare accessories, suspensions and straight couplers. Accent lighting, loudspeakers, mitre cuts, end mitres, and even fire sprinkler systems can also be accommodated into any project specification.

- ARCHITECTURAL LINES OF LIGHT
- CONTINUOUS LIGHT IN A WIDE RANGE OF LENGTH TOLERANCES
- STAGGERED LAMPS WITH VARIABLE OVERLAP
- EASY TO INSTALL
- SLIDING REFLECTOR COVERS FOR BETTER UNIFORMITY
- HIGH LUMEN OUTPUT PER METER

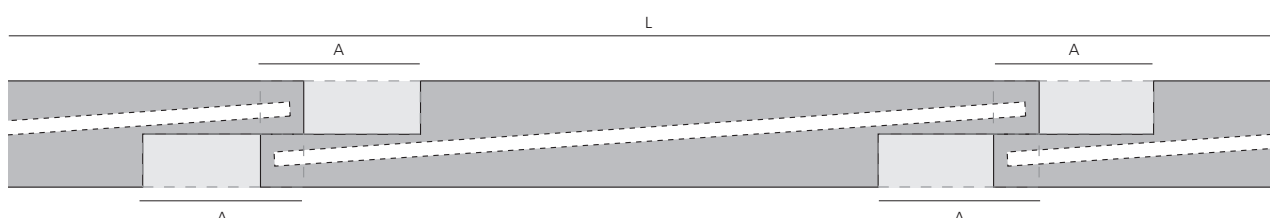
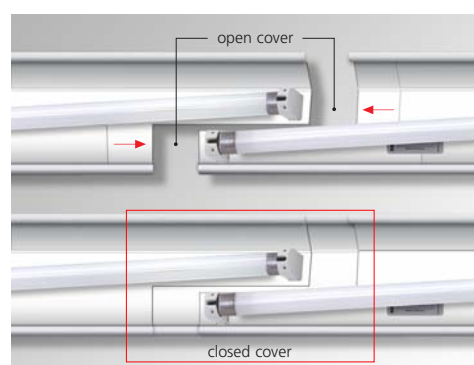
In order to **minimise shadow** areas around lamp sockets, fixtures are equipped with gear trays that permit **overlapping lamps**. The **variable overlap can be adjusted** from 50mm up to a maximum "A" shown in the table below (optimum overlap 100mm). Gaps between gear trays can be closed **by sliding reflector covers**.

FUNCTIONAL LENGTHS FOR GEAR TRAY TYPE SX 802 / SX 804 / SX 809 FOR OVERLAP

LAMP POWER	LENGTH MM	LENGTH FT	MAXIMUM OVERLAP (A) FOR		
			M60	M100	M150
35W	1480	5	150	180	180
28W	1180	4	150	180	180
21W	880	3	150	150	150

GEAR TRAY TYPE: SX 802(M60) SX 809(M100) SX 804(M150)

In case of twin-lamp or overlapping installation, make sure that the marked end of the lamp is not aligned with the unmarked end of the other lamp. This would have a negative effect on the luminous flux.



Recommended wattages
Possible wattages

The following table shows possible lengths with specific lamp wattages that produce an **optimum, even illuminance** for given dimensions.

GEAR TRAYS	TOTAL LENGTH (L) FOR M60	TOTAL LENGTH (L) FOR M100/M150
21W+21W	1610-1710	1610-1710
21W+28W	1910-2010	1910-2010
28W+28W	2210-2310	2180-2310
21W+21W+21W	2340-2540	2340-2540
28W+35W	2510-2610	2480-2610
21W+21W+28W	2670-2840	2640-2840
35W+35W	2810-2910	2780-2910
21W+28W+28W	2940-3140	2910-3140
21W+21W+21W+21W	3070-3370	3070-3370
28W+28W+28W	3240-3440	3180-3440
21W+21W+21W+28W	3370-3670	3370-3670
28W+28W+35W	3540-3740	3480-3740
21W+21W+28W+28W	3670-3970	3640-3970
28W+35W+35W	3840-4040	3780-4040
21W+28W+28W+28W	3970-4270	3910-4270
35W+35W+35W	4140-4340	4080-4340
28W+28W+28W+28W	4270-4570	4180-4570
28W+28W+28W+35W	4570-4870	4480-4870
28W+28W+3W5+35W	4870-5170	4780-5170



WITH MICRO-PRISM TECHNOLOGY!

SATINLIGHTS® → MICROPRISMS → CASSETTE → PENDANT → **m**-SYSTEM

- MICROPRISMATIC MULTI-LAYER DIFFUSER WITH HIGH IMPACT CLEAR PC EXTRUSION, LOW SMOKE AND FUME, HOT FILAMENT TEST 850°C
- STAGGERED LAMPS WITH VARIABLE OVERLAP
- **m**-SYSTEM: CUSTOMER SPECIFIES LENGTH OF MODULE



UGR < 19



M60 x 90 DIRECT

STRAIGHT LAMPS	SILVER	L	P	S	W	DATA
1 X 28W	SX 751 013 128	1192	900	1.5m	3.6kg	4806
2 X 28W	SX 751 023 128	2372	1040/1040	1.5m	6.0kg	4806
1 X 35W	SX 751 013 135	1492	1200	1.5m	4.5kg	4806
2 X 35W	SX 751 023 135	2972	1440/1440	1.5m	8.6kg	4806

M60 x 90 DIRECT **m**-SYSTEM, to be completed with accessories*



STRAIGHT LAMPS	SILVER	L	P	S	W	DATA
1 X 35 I 28 I 21W	SX 77153-972-3	m	variable	1.5m	2.9kg/m	4806

M60 x 90 DIRECT **m**-SYSTEM, to be completed with accessories*

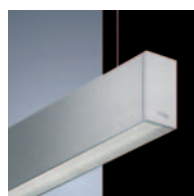


HIGH UNIFORMITY	SILVER	L	P	S	W	DATA
1 X 35 I 28 I 21W	SX 74853-972-3	m	variable	1.5m	2.9kg/m	4806

M60 X 110 DIRECT + INDIRECT

STRAIGHT LAMPS	SILVER	L	P	S	W	DATA
1 X 28 I 21W	SX 745 013 128	1190	1100	1.5m	3.6kg	48**
2 X 28 I 21W	SX 745 023 128	2370	1140/1140	1.5m	7.1kg	48**
1 X 35 I 28W	SX 745 013 135	1490	1400	1.5m	4.5kg	48**
2 X 35 I 28W	SX 745 023 135	2970	1440/1440	1.5m	8.8kg	48**

35 I 28W = 35W Direct / 28W Indirect. 48** = 4805dir/4812ind.



UGR < 19



M100 DIRECT

STRAIGHT LAMPS	SILVER	L	P	S	W	DATA
1 X 28W	SX 704 013 128	1196	900	1.5m	6.0kg	3034
2 X 28W	SX 704 023 128	2376	1040/1040	1.5m	11.6kg	3034
1 X 35W	SX 704 013 135	1496	1200	1.5m	7.5kg	3034
2 X 35W	SX 704 023 135	2976	1340/1340	1.5m	14.2kg	3034

M100 DIRECT **m**-SYSTEM, to be completed with accessories*



STRAIGHT LAMPS	SILVER	L	P	S	W	DATA
1 X 35 I 28 I 21W	SX 70053-972-3	m	variable	1.5m	4.9kg/m	3034

M100 DIRECT **m**-SYSTEM, to be completed with accessories*



HIGH UNIFORMITY	SILVER	L	P	S	W	DATA
1 X 35 I 28 I 21W	SX 72153-972-3	m	variable	1.5m	4.9kg/m	3034

M100 DIRECT + INDIRECT

STRAIGHT LAMPS	SILVER	L	P	S	W	DATA
1 X 28	SX 707 013 128	1196	900	1.5m	6.3kg	3052
2 X 28	SX 707 023 128	2376	1040/1040	1.5m	11.8kg	3052
1 X 35	SX 707 013 135	1496	1200	1.5m	7.9kg	3052
2 X 35	SX 707 023 135	2976	1340/1340	1.5m	14.6kg	3052

M100 DIRECT + INDIRECT **m**-SYSTEM, to be completed with accessories*



STRAIGHT LAMPS	SILVER	L	P	S	W	DATA
1 X 35 I 28	SX 70153-972-3	m	variable	1.5m	5.7kg/m	3052



UGR < 19



UGR < 19



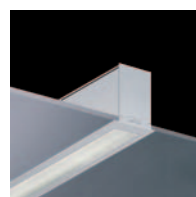
* The **m**-System has to be specified complete with accessories. For more details see the SATINLIGHTS® brochure or the Interior catalogue.

CLT: Autoadjusting electronic device for constant luminance
 L - Length P - Suspension/Fixing point S - Suspension length W - Weight
 DATA - Photometrics on request



SATINLIGHTS® → MICROPRISMS → RECESSED → **m**- SYSTEM → WITH TRIM

- MICROPRISMATIC MULTI-LAYER DIFFUSER WITH HIGH IMPACT CLEAR PC EXTRUSION, LOW SMOKE AND FUME, HOT FILAMENT TEST 850°C
- STAGGERED LAMPS WITH VARIABLE OVERLAP
- **m**-SYSTEM: CUSTOMER SPECIFIES LENGTH OF MODULE



UGR < 19



M60 WITH TRIM **m**-SYSTEM, to be completed with accessories*

STRAIGHT LAMPS	SILVER	L	C	H	W	DATA
1 X 35 I 28 I 21W	SX 77053-972-3	m	L x 64	90	3.8kg/m	4806

M60 WITH TRIM **m**-SYSTEM, to be completed with accessories*



HIGH UNIFORMITY	SILVER	L	C	H	W	DATA
1 X 35 I 28 I 21W	SX 74953-972-3	m	L x 64	90	4.1kg/m	4806

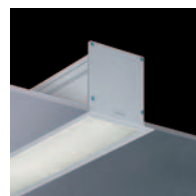
M100 WITH TRIM **m**-SYSTEM, to be completed with accessories*

STRAIGHT LAMPS	SILVER	L	C	H	W	DATA
1 X 35 I 28 I 21W	SX 71053-972-3	m	L x 105	100	4.6kg/m	3034

M100 WITH TRIM **m**-SYSTEM, to be completed with accessories*



HIGH UNIFORMITY	SILVER	L	C	H	W	DATA
1 X 35 I 28 I 21W	SX 72253-972-3	m	L x 105	100	5.1kg/m	3034



UGR < 19



M150 WITH TRIM **m**-SYSTEM, to be completed with accessories*

STRAIGHT LAMPS	SILVER	L	C	H	W	DATA
1 X 35 I 28 I 21W	SX 66353-972-3	m	L x 155	122	6.2kg/m	2305
1 X 35 I 28 I 21W CLT**	SX 66353-972-3/08	m	L x 155	122	6.2kg/m	2305

M150 WITH TRIM **m**-SYSTEM, to be completed with accessories*

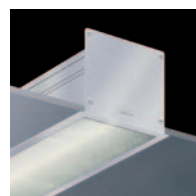


STRAIGHT LAMPS	SILVER	L	C	H	W	DATA
2 X 35 I 28 I 21W	SX 66354-972-3	m	L x 155	122	7.0kg/m	2309

M150 WITH TRIM **m**-SYSTEM, to be completed with accessories*



HIGH UNIFORMITY	SILVER	L	C	H	W	DATA
1 X 35 I 28 I 21W	SX 66453-972-3	m	L x 155	122	6.9kg/m	2305
1 X 35 I 28 I 21W CLT**	SX 66453-972-3/08	m	L x 155	122	6.9kg/m	2305

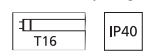


UGR < 19



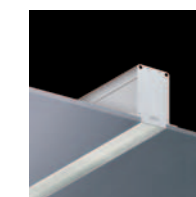
* The **m**-System has to be specified complete with accessories. For more details see the SATINLIGHTS® brochure or the Interior catalogue.

CLT: Autoadjusting electronic device for constant luminance
 L - Length C - Cut out H - Height
 W - Weight DATA - Photometrics on request



SATINLIGHTS® → MICROPRISMS → PLASTERBOARD → **m**- SYSTEM → TRIMLESS

- MICROPRISMATIC MULTI-LAYER DIFFUSER WITH HIGH IMPACT CLEAR PC EXTRUSION, LOW SMOKE AND FUME, HOT FILAMENT TEST 850°C
- STAGGERED LAMPS WITH VARIABLE OVERLAP
- **m**-SYSTEM: CUSTOMER SPECIFIES LENGTH OF MODULE



UGR < 19



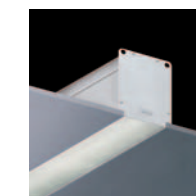
M60 TRIMLESS **m**-SYSTEM, to be completed with accessories*

STRAIGHT LAMPS	WHITE	L	B	H	W	DATA
1 X 35 I 28 I 21W	SX 74753-972-1	m	L x 60	90	6.5kg/m	4806

M60 TRIMLESS **m**-SYSTEM, to be completed with accessories*



HIGH UNIFORMITY	WHITE	L	B	H	W	DATA
1 X 35 I 28 I 21W	SX 75053-972-1	m	L x 60	90	7.4kg/m	4806



UGR < 19



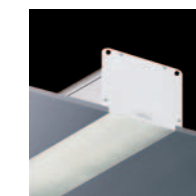
M100 TRIMLESS **m**-SYSTEM, to be completed with accessories*

STRAIGHT LAMPS	WHITE	L	B	H	W	DATA
1 X 35 I 28 I 21W	SX 72553-972-1	m	L x 100	100	9.0kg/m	3034

M100 TRIMLESS **m**-SYSTEM, to be completed with accessories*



HIGH UNIFORMITY	WHITE	L	B	H	W	DATA
1 X 35 I 28 I 21W	SX 72653-972-1	m	L x 100	100	9.5kg/m	3034



UGR < 19



M150 TRIMLESS **m**-SYSTEM, to be completed with accessories*

STRAIGHT LAMPS	WHITE	L	B	H	W	DATA
1 X 35 I 28 I 21W	SX 66553-972-1	m	L x 150	127	6.2kg/m	2305
1 X 35 I 28 I 21W CLT**	SX 66553-972-1/08	m	L x 150	127	6.2kg/m	2305

M150 TRIMLESS **m**-SYSTEM, to be completed with accessories*



STRAIGHT LAMPS	WHITE	L	B	H	W	DATA
2 X 35 I 28 I 21W	SX 66554-972-1	m	L x 150	127	7.0kg/m	2309

M150 TRIMLESS **m**-SYSTEM, to be completed with accessories*



HIGH UNIFORMITY	WHITE	L	B	H	W	DATA
1 X 35 I 28 I 21W	SX 66653-972-1	m	L x 150	127	6.9kg/m	2305
1 X 35 I 28 I 21W CLT**	SX 66653-972-1/08	m	L x 150	127	6.9kg/m	2305

* The **m**-System has to be specified complete with accessories. For more details see the SATINLIGHTS® brochure or the Interior catalogue.

CLT: Autoadjusting electronic device for constant luminance
 L - Length B - Visible housing width H - Height
 W - Weight DATA - Photometrics on request

