

1 1 0 r e c e s s e d



other configurations may be possible

diffusers



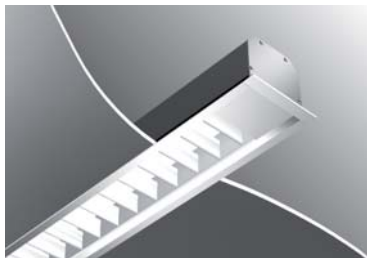
clear reeded acrylic



microsphere frosted acrylic



cross blade louvre




parabolic louvre semi-specular

asymmetric option also available

lamp units

Fluorescent Lamps







		Lamp Unit Length (ECG)	
Lamp Type	W	a	b*
 T16/T5	14W/24W	580	480
	21W/39W	880	780
	28W/54W	1180	1080
	35W/80W	1480	1380



* *LightStream* is for use with single lamp units only, lengths are minimum and may vary. 100mm must be added to the end of each *LightStream* lamp run.

Use Continuous lamp unit lengths plus a 50mm space between lamp units when using low brightness parabolic (VDU) louvres

Downlights

		a	b	c
Lamp Type	W	a	b	c
MR11 fixed/adj	 20W/35W	120	205	290
MR16 adj	 20W/35W/50W	150	250	350
HIT PAR16	 35W	200	365	530
HIT	 20W/35W	200	365	530

Linear

		a†
Lamp Type	W	a†
HIT-DE fixed	 70W/150W	750
QT-DE	 100W/200W 300W	750

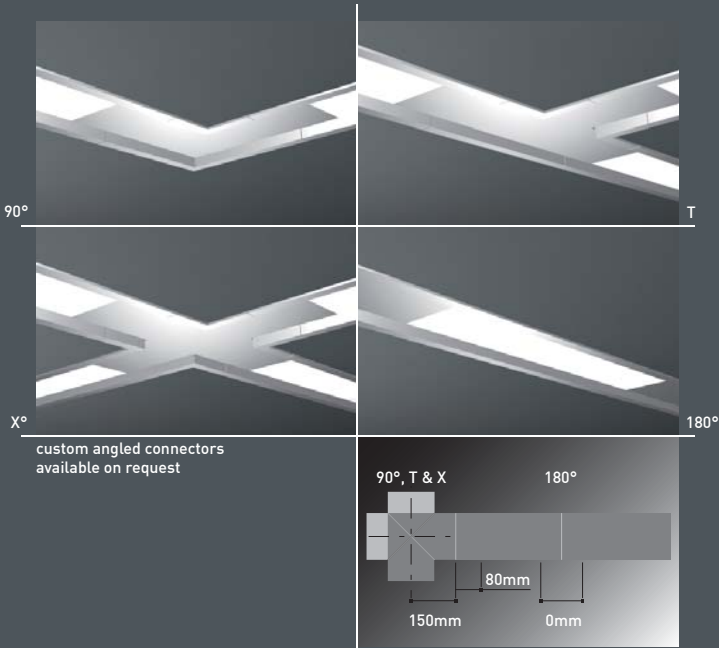
† Allows for control gear and heat dissipation, may vary.

Unit lengths are approximate and may vary
Specifications subject to change without notice

ends



connectors



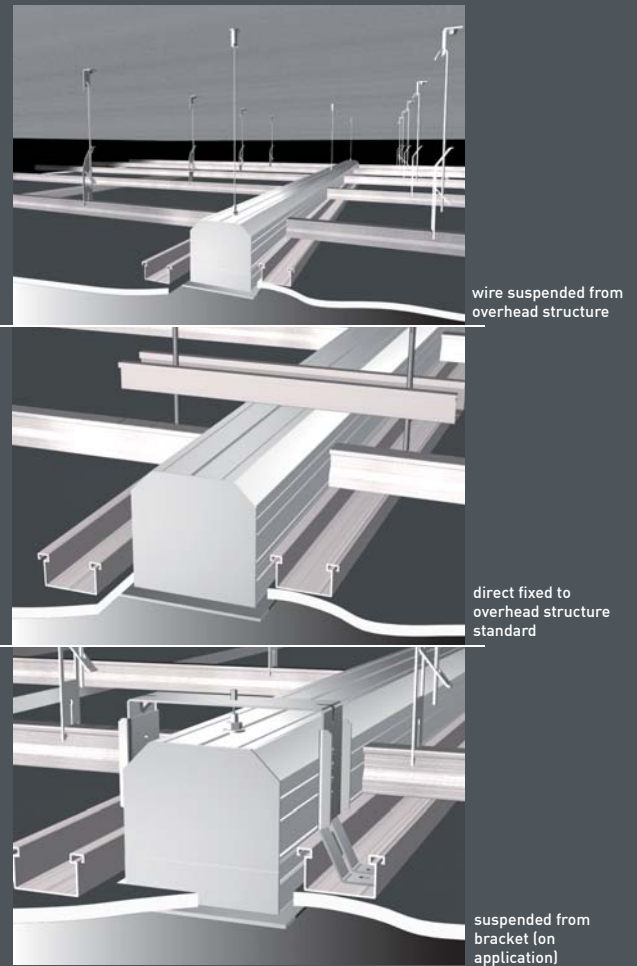
180° coupling is possible mid lamp unit depending on optic and control gear choice. 180° coupling is always preferable between lamp units. 150mm should be allowed.

accessories



- 1 adjustable low voltage MR11/MR16 downlights
 - 2 power outlets
 - 3 concealed PA speaker systems
 - 4 emergency systems
- other accessories available on request

suspension



packaging



5.7kg/m - 120 x 190 x (l + 200mm)

finish

- clear anodised
- matt textured silver
- matt textured white
- other colour

other finishes available on request

photometrics



photometric files available for download from kliksystems.com

110 recessed pre-configured



1. Choose your item and lamp unit configuration from the tables on the following pages.

2-6 Select your preferred options from the choices 2 to 6 on the right

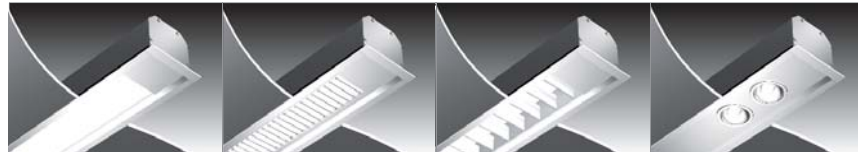
7. See an example product specification at the bottom of the page

1. part no.

choose the desired configuration from the tables on the following pages

110REC141	2x1/28W	3x1/MR16 50W		MSF or CBL or VDU	2970	}
110REC142	2x1/35W	3x1/MR16 50W		MSF or CBL or VDU	3570	
110REC143	2x1/54W	3x1/MR16 50W		MSF or CBL or VDU	2970	

2. optic (direct)



microsphere frosted acrylic (MSF) - 21

cross blade louvre (CBL) - 22

low brightness parabolic louvre (VDU) - 23

no optic direct downlight only - 24

3. dimming



non-dim 31
1-10V 32
DSI 33
DALI 34

specify circuit(s) to dim

4. suspension



wire suspended from overhead structure - 461

direct fixed to overhead structure - 462

suspended from bracket - 463

5. end



end plate 3mm (std)

51

6. colour finish



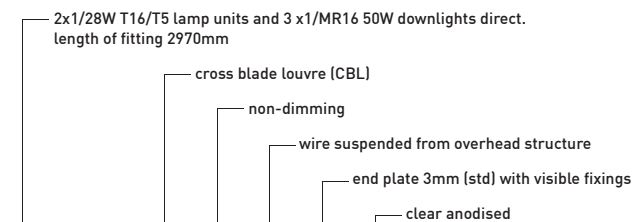
clear anodised 61

other colour (refer to website) 64

matt textured silver powder coat 62

matt textured white powder coat 63

7. example



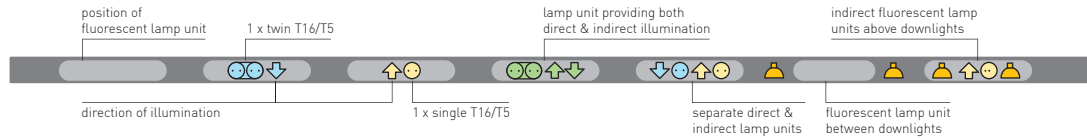
1	2	3	4	5	6	Final product specification
110REC141	22	31	461	51	61	110REC141 . 22 . 31 . 461 . 51 . 61

Fluorescent lamps will be supplied in colour 840 unless specified otherwise, please specify wattage and beam angle of downlights. All downlights are adjustable where possible



Lamp orientation legend

lamp colours represent separate switch wiring



Data is approximate and subject to change without notice. Product images are representations only - actual product may vary.

part no.	direct	downlight	indirect	optic direct	optic indirect	* length (mm)	weight (kgs)	pack size h x w x L (mm)			cubic m ³
110REC101	1x1/28W			MSF or CBL or VDU		1410	8.0	120	190	1610	0.037
110REC102	1x1/35W			MSF or CBL or VDU		1710	9.7	120	190	1910	0.044
110REC103	1x1/54W			MSF or CBL or VDU		1410	8.0	120	190	1610	0.037
110REC104	1x1/80W			MSF or CBL or VDU		1710	9.7	120	190	1910	0.044
110REC105	1x2/28W			MSF or CBL		1410	8.0	120	190	1610	0.037
110REC106	1x2/35W			MSF or CBL		1710	9.7	120	190	1910	0.044
110REC107	1x2/54W			MSF or CBL		1410	8.0	120	190	1610	0.037
110REC108	1x2/80W			MSF or CBL		1710	9.7	120	190	1910	0.044
110REC109	2x1/28W			MSF or CBL or VDU		2670	15.2	120	190	2870	0.065
110REC110	2x1/35W			MSF or CBL or VDU		3270	18.6	120	190	3470	0.079
110REC111	2x1/54W			MSF or CBL or VDU		2670	15.2	120	190	2870	0.065
110REC112	2x1/80W			MSF or CBL or VDU		3270	18.6	120	190	3470	0.079
110REC113	2x2/28W			MSF or CBL		2670	15.2	120	190	2870	0.065
110REC114	2x2/35W			MSF or CBL		3270	18.6	120	190	3470	0.079
110REC115	2x2/54W			MSF or CBL		2670	15.2	120	190	2870	0.065
110REC116	2x2/80W			MSF or CBL		3270	18.6	120	190	3470	0.079
110REC117	2x1/28W	LightStream		MSF		2360	13.5	120	190	2560	0.058
110REC118	2x1/35W	LightStream		MSF		2960	16.9	120	190	3160	0.072
110REC119	2x1/54W	LightStream		MSF		2360	13.5	120	190	2560	0.058
110REC120	2x1/80W	LightStream		MSF		2960	16.9	120	190	3160	0.072
110REC121	3x1/28W			MSF or CBL or VDU		3930	22.4	120	190	4130	0.094
110REC122	3x1/35W			MSF or CBL or VDU		4830	27.5	120	190	5030	0.115
110REC123	3x1/54W			MSF or CBL or VDU		3930	22.4	120	190	4130	0.094
110REC124	3x1/80W			MSF or CBL or VDU		4830	27.5	120	190	5030	0.115
110REC125	3x2/28W			MSF or CBL		3930	22.4	120	190	4130	0.094
110REC126	3x2/35W			MSF or CBL		4830	27.5	120	190	5030	0.115
110REC127	3x2/54W			MSF or CBL		3930	22.4	120	190	4130	0.094
110REC128	3x2/80W			MSF or CBL		4830	27.5	120	190	5030	0.115
110REC129	3x1/28W	LightStream		MSF		3410	19.4	120	190	3610	0.082
110REC130	3x1/35W	LightStream		MSF		4310	24.6	120	190	4510	0.103
110REC131	3x1/54W	LightStream		MSF		3410	19.4	120	190	3610	0.082
110REC132	3x1/80W	LightStream		MSF		4310	24.6	120	190	4510	0.103

* length includes flange (15 x 2 = 30mm O/A)











Consider transport and site access when ordering long lengths.

If you don't see a configuration you like, no problem, **KLIK** can custom make to your unique specifications.

Just turn back to the **made to measure** pages and follow the specification instructions, or call your local **KLIK** representative.



Consider transport and site access when ordering long lengths.

part no.	direct	downlight	indirect	optic direct	optic indirect	* length (mm)	weight (kgs)	pack size h x w x l (mm)	cubic m ³
									
110REC133	1x1/28W	2x1/MR16 50W		MSF or CBL or VDU		1610	9.2	120 190 1810	0.041
110REC134	1x1/35W	2x1/MR16 50W		MSF or CBL or VDU		1910	10.9	120 190 2110	0.048
110REC135	1x1/54W	2x1/MR16 50W		MSF or CBL or VDU		1610	9.2	120 190 1810	0.041
110REC136	1x1/80W	2x1/MR16 50W		MSF or CBL or VDU		1910	10.9	120 190 2110	0.048
									
110REC137	1x2/28W	2x1/MR16 50W		MSF or CBL		1610	9.2	120 190 1810	0.041
110REC138	1x2/35W	2x1/MR16 50W		MSF or CBL		1910	10.9	120 190 2110	0.048
110REC139	1x2/54W	2x1/MR16 50W		MSF or CBL		1610	9.2	120 190 1810	0.041
110REC140	1x2/80W	2x1/MR16 50W		MSF or CBL		1910	10.9	120 190 2110	0.048
									
110REC141	2x1/28W	3x1/MR16 50W		MSF or CBL or VDU		2970	16.9	120 190 3170	0.072
110REC142	2x1/35W	3x1/MR16 50W		MSF or CBL or VDU		3570	20.3	120 190 3770	0.086
110REC143	2x1/54W	3x1/MR16 50W		MSF or CBL or VDU		2970	16.9	120 190 3170	0.072
110REC144	2x1/80W	3x1/MR16 50W		MSF or CBL or VDU		3570	20.3	120 190 3770	0.086
									
110REC145	2x2/28W	3x1/MR16 50W		MSF or CBL		2970	16.9	120 190 3170	0.072
110REC146	2x2/35W	3x1/MR16 50W		MSF or CBL		3570	20.3	120 190 3770	0.086
110REC147	2x2/54W	3x1/MR16 50W		MSF or CBL		2970	16.9	120 190 3170	0.072
110REC148	2x2/80W	3x1/MR16 50W		MSF or CBL		3570	20.3	120 190 3770	0.086
									
110REC149	3x1/28W	4x1/MR16 50W		MSF or CBL or VDU		4330	24.7	120 190 4530	0.103
110REC150	3x1/35W	4x1/MR16 50W		MSF or CBL or VDU		5230	29.8	120 190 5430	0.124
110REC151	3x1/54W	4x1/MR16 50W		MSF or CBL or VDU		4330	24.7	120 190 4530	0.103
110REC152	3x1/80W	4x1/MR16 50W		MSF or CBL or VDU		5230	29.8	120 190 5430	0.124
									
110REC153	3x2/28W	4x1/MR16 50W		MSF or CBL		4330	24.7	120 190 4530	0.103
110REC154	3x2/35W	4x1/MR16 50W		MSF or CBL		5230	29.8	120 190 5430	0.124
110REC155	3x2/54W	4x1/MR16 50W		MSF or CBL		4330	24.7	120 190 4530	0.103
110REC156	3x2/80W	4x1/MR16 50W		MSF or CBL		5230	29.8	120 190 5430	0.124
									
110REC157	1x1/28W	2x2/MR16 50W		MSF or CBL or VDU		1810	10.3	120 190 2010	0.046
110REC158	1x1/35W	2x2/MR16 50W		MSF or CBL or VDU		2110	12.0	120 190 2310	0.053
110REC159	1x1/54W	2x2/MR16 50W		MSF or CBL or VDU		1810	10.3	120 190 2010	0.046
110REC160	1x1/80W	2x2/MR16 50W		MSF or CBL or VDU		2110	12.0	120 190 2310	0.053
									
110REC161	1x2/28W	2x2/MR16 50W		MSF or CBL		1810	10.3	120 190 2010	0.046
110REC162	1x2/35W	2x2/MR16 50W		MSF or CBL		2110	12.0	120 190 2310	0.053
110REC163	1x2/54W	2x2/MR16 50W		MSF or CBL		1810	10.3	120 190 2010	0.046
110REC164	1x2/80W	2x2/MR16 50W		MSF or CBL		2110	12.0	120 190 2310	0.053
									
110REC165	2x1/28W	3x2/MR16 50W		MSF or CBL or VDU		3270	18.6	120 190 3470	0.079
110REC166	2x1/35W	3x2/MR16 50W		MSF or CBL or VDU		3870	22.1	120 190 4070	0.093
110REC167	2x1/54W	3x2/MR16 50W		MSF or CBL or VDU		3270	18.6	120 190 3470	0.079
110REC168	2x1/80W	3x2/MR16 50W		MSF or CBL or VDU		3870	22.1	120 190 4070	0.093
									
110REC169	2x2/28W	3x2/MR16 50W		MSF or CBL		3270	18.6	120 190 3470	0.079
110REC170	2x2/35W	3x2/MR16 50W		MSF or CBL		3870	22.1	120 190 4070	0.093
110REC171	2x2/54W	3x2/MR16 50W		MSF or CBL		3270	18.6	120 190 3470	0.079
110REC172	2x2/80W	3x2/MR16 50W		MSF or CBL		3870	22.1	120 190 4070	0.093

* length includes flange (15 x 2 = 30mm O/A)



part no.	optics			optic direct	optic indirect	* length (mm)	weight (kgs)	pack size			cubic m ³
	direct	downlight	indirect					h	w	l (mm)	
110REC173	3x1/28W	4x2/MR16 50W		MSF or CBL or VDU		4730	27.0	120	190	4930	0.112
110REC174	3x1/35W	4x2/MR16 50W		MSF or CBL or VDU		5630	32.1	120	190	5830	0.133
110REC175	3x1/54W	4x2/MR16 50W		MSF or CBL or VDU		4730	27.0	120	190	4930	0.112
110REC176	3x1/80W	4x2/MR16 50W		MSF or CBL or VDU		5630	32.1	120	190	5830	0.133
110REC177	3x2/28W	4x2/MR16 50W		MSF or CBL		4730	27.0	120	190	4930	0.112
110REC178	3x2/35W	4x2/MR16 50W		MSF or CBL		5630	32.1	120	190	5830	0.133
110REC179	3x2/54W	4x2/MR16 50W		MSF or CBL		4730	27.0	120	190	4930	0.112
110REC180	3x2/80W	4x2/MR16 50W		MSF or CBL		5630	32.1	120	190	5830	0.133

110REC181	Twin MR16 50W					280	1.6	120	190	480	0.011
110REC182	Triple MR16 50W					380	2.2	120	190	580	0.013
110REC183	Quad MR16 50W					480	2.7	120	190	680	0.016
110REC184	2x1/MR16 50W					740	4.2	120	190	940	0.021
110REC185	3x1/MR16 50W					1240	7.1	120	190	1440	0.033
110REC186	4x1/MR16 50W					1740	9.9	120	190	1940	0.044
110REC187	2x2/MR16 50W					940	5.4	120	190	1140	0.026
110REC188	3x2/MR16 50W					1540	8.8	120	190	1740	0.040
110REC189	4x2/MR16 50W					2140	12.2	120	190	2340	0.053

control gear for twin, triple and quad fittings to be ceiling mounted or located in ceiling space

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* length includes flange (15 x 2 = 30mm O/A)

