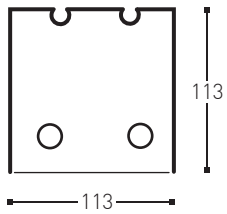




1 1 0 b e a m

110 Beam · Optus





1 1 0 b e a m



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*
	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	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

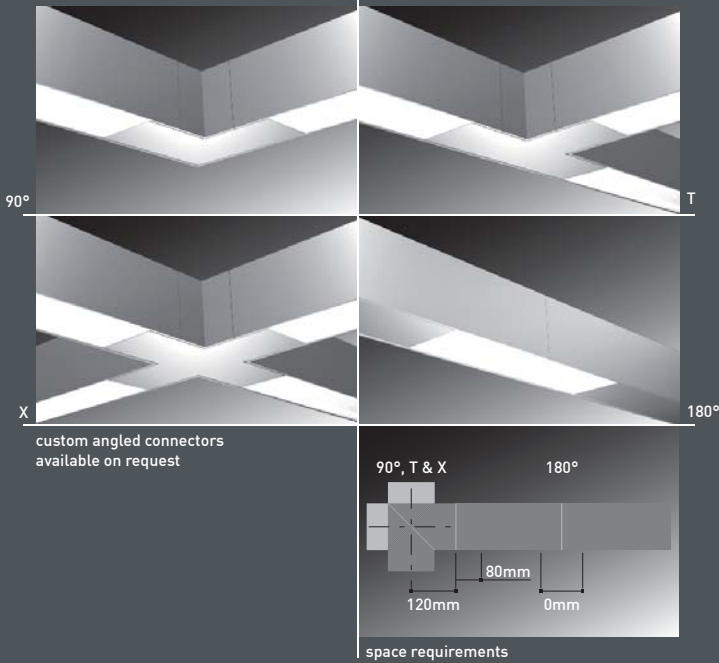
3mm
standard



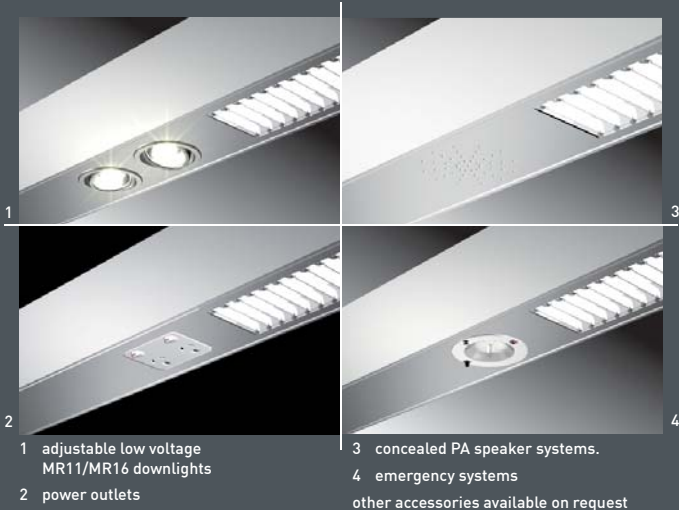
5mm
concealed
fixing



connectors



accessories



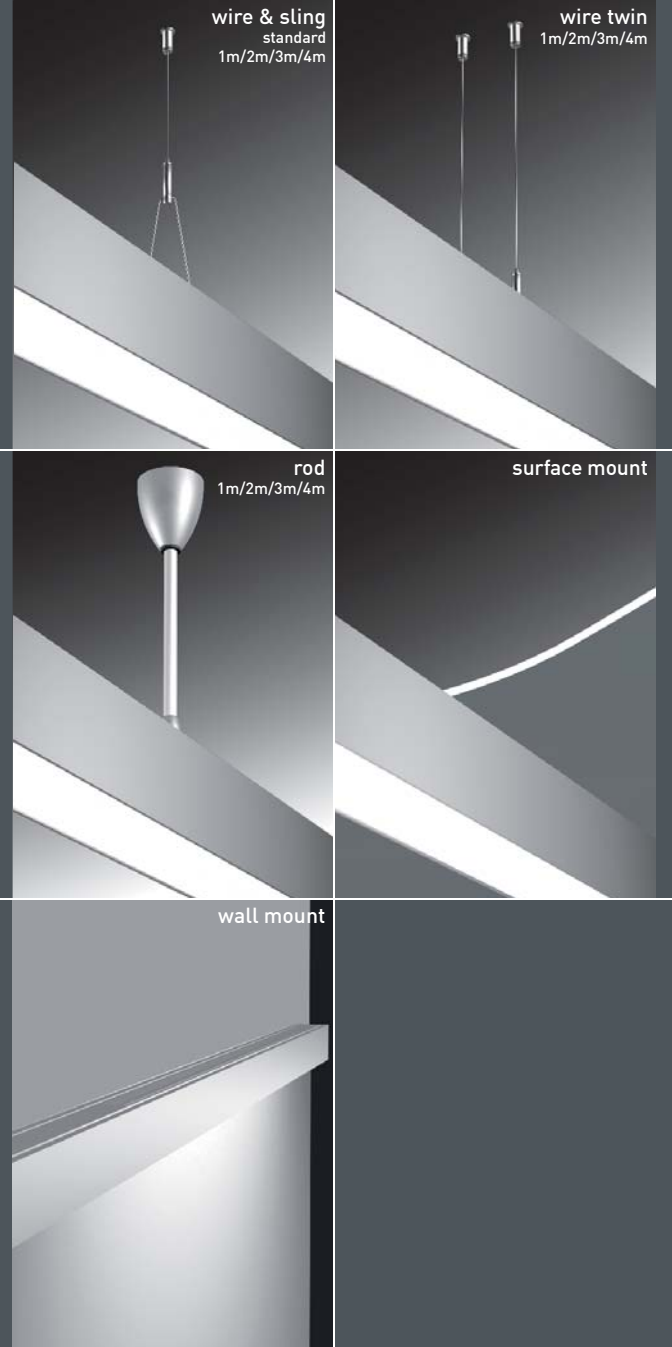
photometrics



photometric files available for
download from kliksystems.com

IP versions
available
on request

suspension



finish

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

see kliksystems.com for current colour
availability.

packaging



6.1kg/m - 130 x 190 x (l + 200mm)

110 beam 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

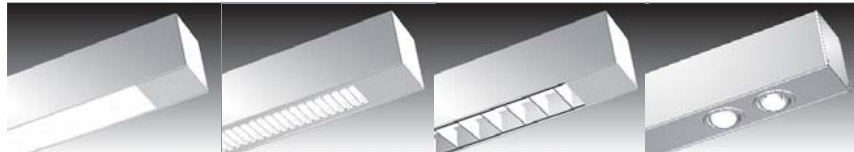
7. See an example product specification at the bottom of the page

1. part no.

choose the desired configuration from the tables on the following pages

110B144	2x1/80W	3x1/MR16 50W	MSF or CBL or VDU	3540
110B145	2x2/28W	3x1/MR16 50W	MSF or CBL	2940
110B146	2x2/35W	3x1/MR16 50W	MSF or CBL	3540

2. optic (direct)



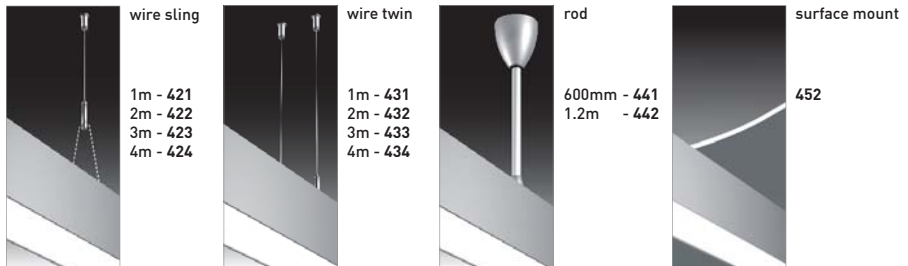
microsphere frosted acrylic (MSF) - 21 cross blade louvre (CBL) - 22 low brightness parabolic louvre (VDU) - 23 no optic direct downlight only - 24

3. dimming



non-dim 31
1-10V 32
DSI 33
DALI 34
specify circuit(s) to dim

4. suspension



wire sling
1m - 421
2m - 422
3m - 423
4m - 424

wire twin
1m - 431
2m - 432
3m - 433
4m - 434

rod
600mm - 441
1.2m - 442

surface mount
452

5. end



end plate 3mm (std) visible fixings 51

end plate 5mm concealed fixings 52

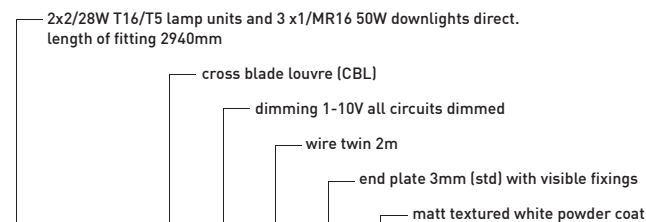
6. colour finish



clear anodised 61
matt textured silver powder coat 62

other colour (refer to website) 64
matt textured white powder coat 63

7. example



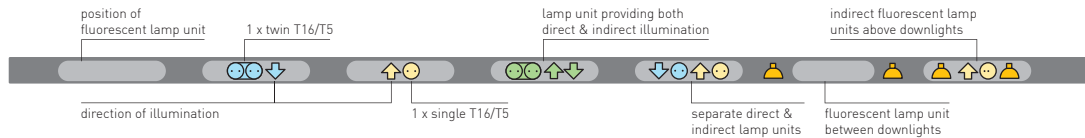
1	2	3	4	5	6	Final product specification
110B145	22	32	432	51	63	110B145 . 22 . 32 . 432 . 51 . 63

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
110B101	1x1/28W				MSF or CBL or VDU	1380	8.4	130	190	1580	0.039
110B102	1x1/35W				MSF or CBL or VDU	1680	10.2	130	190	1880	0.046
110B103	1x1/54W				MSF or CBL or VDU	1380	8.4	130	190	1580	0.039
110B104	1x1/80W				MSF or CBL or VDU	1680	10.2	130	190	1880	0.046
110B105	1x2/28W				MSF or CBL	1380	8.4	130	190	1580	0.039
110B106	1x2/35W				MSF or CBL	1680	10.2	130	190	1880	0.046
110B107	1x2/54W				MSF or CBL	1380	8.4	130	190	1580	0.039
110B108	1x2/80W				MSF or CBL	1680	10.2	130	190	1880	0.046
110B109	2x1/28W				MSF or CBL or VDU	2640	16.1	130	190	2840	0.070
110B110	2x1/35W				MSF or CBL or VDU	3240	19.8	130	190	3440	0.085
110B111	2x1/54W				MSF or CBL or VDU	2640	16.1	130	190	2840	0.070
110B112	2x1/80W				MSF or CBL or VDU	3240	19.8	130	190	3440	0.085
110B113	2x2/28W				MSF or CBL	2640	16.1	130	190	2840	0.070
110B114	2x2/35W				MSF or CBL	3240	19.8	130	190	3440	0.085
110B115	2x2/54W				MSF or CBL	2640	16.1	130	190	2840	0.070
110B116	2x2/80W				MSF or CBL	3240	19.8	130	190	3440	0.085
110B117	2x1/28W	LightStream			MSF	2330	14.2	130	190	2530	0.062
110B118	2x1/35W	LightStream			MSF	2930	17.9	130	190	3130	0.077
110B119	2x1/54W	LightStream			MSF	2330	14.2	130	190	2530	0.062
110B120	2x1/80W	LightStream			MSF	2930	17.9	130	190	3130	0.077
110B121	3x1/28W				MSF or CBL or VDU	3900	23.8	130	190	4100	0.101
110B122	3x1/35W				MSF or CBL or VDU	4800	29.3	130	190	5000	0.124
110B123	3x1/54W				MSF or CBL or VDU	3900	23.8	130	190	4100	0.101
110B124	3x1/80W				MSF or CBL or VDU	4800	29.3	130	190	5000	0.124
110B125	3x2/28W				MSF or CBL	3900	23.8	130	190	4100	0.101
110B126	3x2/35W				MSF or CBL	4800	29.3	130	190	5000	0.124
110B127	3x2/54W				MSF or CBL	3900	23.8	130	190	4100	0.101
110B128	3x2/80W				MSF or CBL	4800	29.3	130	190	5000	0.124
110B129	3x1/28W	LightStream			MSF	3380	20.6	130	190	3580	0.088
110B130	3x1/35W	LightStream			MSF	4280	26.1	130	190	4480	0.111
110B131	3x1/54W	LightStream			MSF	3380	20.6	130	190	3580	0.088
110B132	3x1/80W	LightStream			MSF	4280	26.1	130	190	4480	0.111

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.



part no.	direct	downlight	indirect	optic direct	optic indirect	length (mm)	weight (kgs)	pack size h x w x l (mm)			cubic m ³
											
											
110B133	1x1/28W	2x1/MR16 50W		MSF or CBL or VDU		1580	9.6	130	190	1780	0.044
110B134	1x1/35W	2x1/MR16 50W		MSF or CBL or VDU		1880	11.5	130	190	2080	0.051
110B135	1x1/54W	2x1/MR16 50W		MSF or CBL or VDU		1580	9.6	130	190	1780	0.044
110B136	1x1/80W	2x1/MR16 50W		MSF or CBL or VDU		1880	11.5	130	190	2080	0.051
											
110B137	1x2/28W	2x1/MR16 50W		MSF or CBL		1580	9.6	130	190	1780	0.044
110B138	1x2/35W	2x1/MR16 50W		MSF or CBL		1880	11.5	130	190	2080	0.051
110B139	1x2/54W	2x1/MR16 50W		MSF or CBL		1580	9.6	130	190	1780	0.044
110B140	1x2/80W	2x1/MR16 50W		MSF or CBL		1880	11.5	130	190	2080	0.051
											
											
110B141	2x1/28W	3x1/MR16 50W		MSF or CBL or VDU		2940	17.9	130	190	3140	0.078
110B142	2x1/35W	3x1/MR16 50W		MSF or CBL or VDU		3540	21.6	130	190	3740	0.092
110B143	2x1/54W	3x1/MR16 50W		MSF or CBL or VDU		2940	17.9	130	190	3140	0.078
110B144	2x1/80W	3x1/MR16 50W		MSF or CBL or VDU		3540	21.6	130	190	3740	0.092
											
110B145	2x2/28W	3x1/MR16 50W		MSF or CBL		2940	17.9	130	190	3140	0.078
110B146	2x2/35W	3x1/MR16 50W		MSF or CBL		3540	21.6	130	190	3740	0.092
110B147	2x2/54W	3x1/MR16 50W		MSF or CBL		2940	17.9	130	190	3140	0.078
110B148	2x2/80W	3x1/MR16 50W		MSF or CBL		3540	21.6	130	190	3740	0.092
											
											
110B149	3x1/28W	4x1/MR16 50W		MSF or CBL or VDU		4300	26.2	130	190	4500	0.111
110B150	3x1/35W	4x1/MR16 50W		MSF or CBL or VDU		5200	31.7	130	190	5400	0.133
110B151	3x1/54W	4x1/MR16 50W		MSF or CBL or VDU		4300	26.2	130	190	4500	0.111
110B152	3x1/80W	4x1/MR16 50W		MSF or CBL or VDU		5200	31.7	130	190	5400	0.133
											
110B153	3x2/28W	4x1/MR16 50W		MSF or CBL		4300	26.2	130	190	4500	0.111
110B154	3x2/35W	4x1/MR16 50W		MSF or CBL		5200	31.7	130	190	5400	0.133
110B155	3x2/54W	4x1/MR16 50W		MSF or CBL		4300	26.2	130	190	4500	0.111
110B156	3x2/80W	4x1/MR16 50W		MSF or CBL		5200	31.7	130	190	5400	0.133
											
											
110B157	1x1/28W	2x2/MR16 50W		MSF or CBL or VDU		1780	10.9	130	190	1980	0.049
110B158	1x1/35W	2x2/MR16 50W		MSF or CBL or VDU		2080	12.7	130	190	2280	0.056
110B159	1x1/54W	2x2/MR16 50W		MSF or CBL or VDU		1780	10.9	130	190	1980	0.049
110B160	1x1/80W	2x2/MR16 50W		MSF or CBL or VDU		2080	12.7	130	190	2280	0.056
											
110B161	1x2/28W	2x2/MR16 50W		MSF or CBL		1780	10.9	130	190	1980	0.049
110B162	1x2/35W	2x2/MR16 50W		MSF or CBL		2080	12.7	130	190	2280	0.056
110B163	1x2/54W	2x2/MR16 50W		MSF or CBL		1780	10.9	130	190	1980	0.049
110B164	1x2/80W	2x2/MR16 50W		MSF or CBL		2080	12.7	130	190	2280	0.056
											
											
110B165	2x1/28W	3x2/MR16 50W		MSF or CBL or VDU		3240	19.8	130	190	3440	0.085
110B166	2x1/35W	3x2/MR16 50W		MSF or CBL or VDU		3840	23.4	130	190	4040	0.100
110B167	2x1/54W	3x2/MR16 50W		MSF or CBL or VDU		3240	19.8	130	190	3440	0.085
110B168	2x1/80W	3x2/MR16 50W		MSF or CBL or VDU		3840	23.4	130	190	4040	0.100
											
110B169	2x2/28W	3x2/MR16 50W		MSF or CBL		3240	19.8	130	190	3440	0.085
110B170	2x2/35W	3x2/MR16 50W		MSF or CBL		3840	23.4	130	190	4040	0.100
110B171	2x2/54W	3x2/MR16 50W		MSF or CBL		3240	19.8	130	190	3440	0.085
110B172	2x2/80W	3x2/MR16 50W		MSF or CBL		3840	23.4	130	190	4040	0.100



part no.	direct	downlight	indirect	optic direct	optic indirect	length (mm)	weight (kgs)	pack size h x w x l (mm)			cubic m ³
110B173	3x1/28W	4x2/MR16 50W		MSF or CBL or VDU		4700	28.7	130	190	4900	0.121
110B174	3x1/35W	4x2/MR16 50W		MSF or CBL or VDU		5600	34.2	130	190	5800	0.143
110B175	3x1/54W	4x2/MR16 50W		MSF or CBL or VDU		4700	28.7	130	190	4900	0.121
110B176	3x1/80W	4x2/MR16 50W		MSF or CBL or VDU		5600	34.2	130	190	5800	0.143
110B177	3x2/28W	4x2/MR16 50W		MSF or CBL		4700	28.7	130	190	4900	0.121
110B178	3x2/35W	4x2/MR16 50W		MSF or CBL		5600	34.2	130	190	5800	0.143
110B179	3x2/54W	4x2/MR16 50W		MSF or CBL		4700	28.7	130	190	4900	0.121
110B180	3x2/80W	4x2/MR16 50W		MSF or CBL		5600	34.2	130	190	5800	0.143

110B181	Twin MR16 50W					250	1.5	130	190	450	0.011
110B182	Triple MR16 50W					350	2.1	130	190	550	0.014
110B183	Quad MR16 50W					450	2.7	130	190	650	0.016
110B184	2x1/MR16 50W					710	4.3	130	190	910	0.022
110B185	3x1/MR16 50W					1210	7.4	130	190	1410	0.035
110B186	4x1/MR16 50W					1710	10.4	130	190	1910	0.047
110B187	2x2/MR16 50W					910	5.6	130	190	1110	0.027
110B188	3x2/MR16 50W					1510	9.2	130	190	1710	0.042
110B189	4x2/MR16 50W					2110	12.9	130	190	2310	0.057

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

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