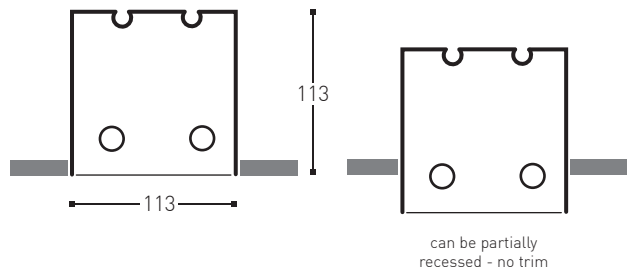
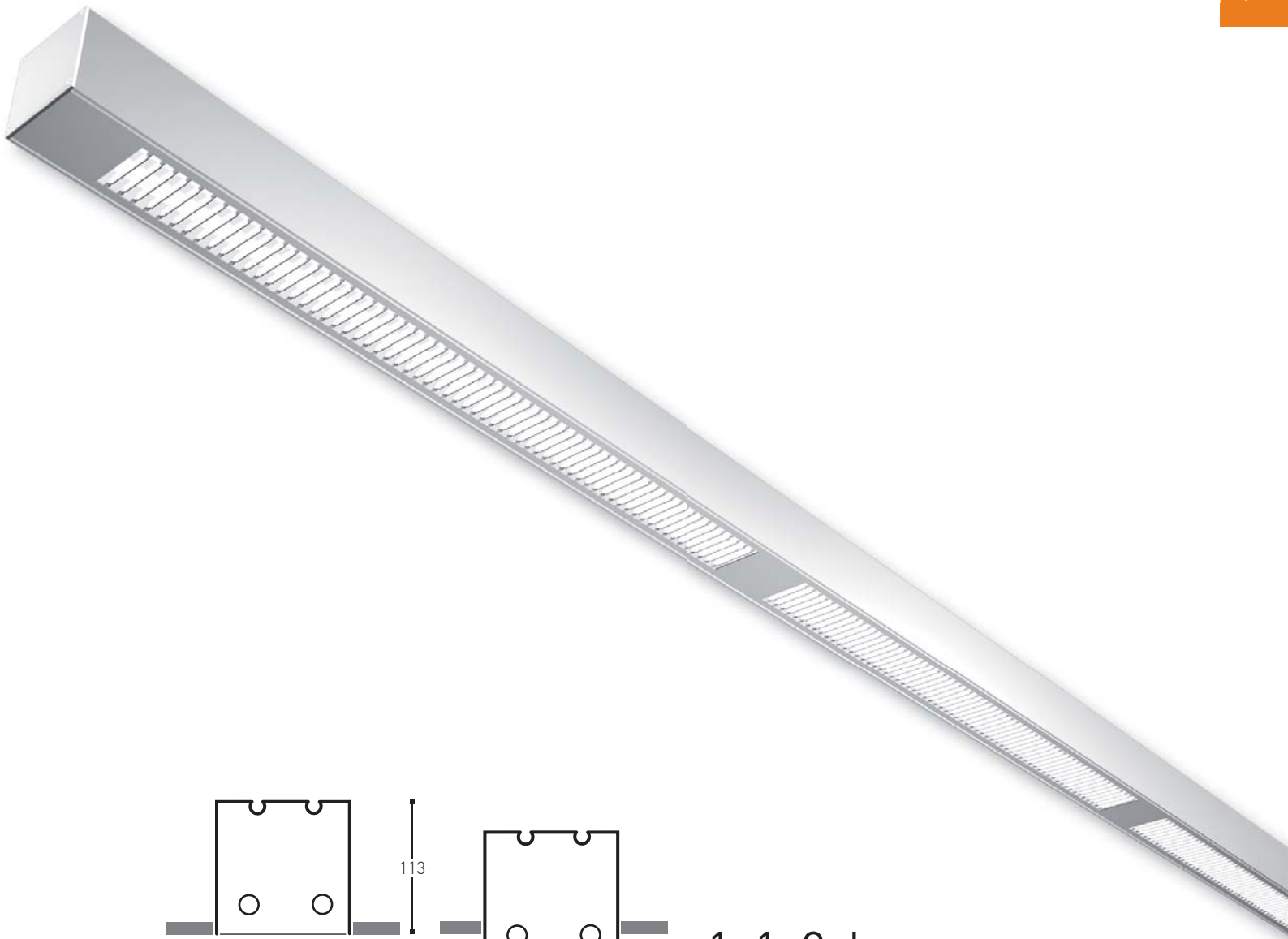


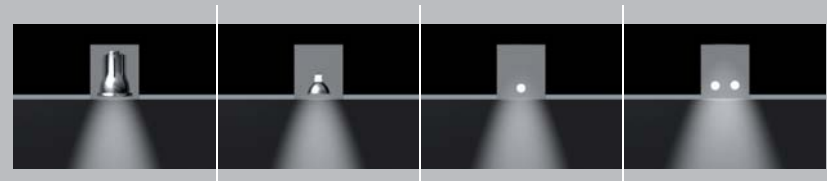


Marcs

1 1 0 b e a m
r e c e s s e d v e r s i o n



110 beam
recessed version

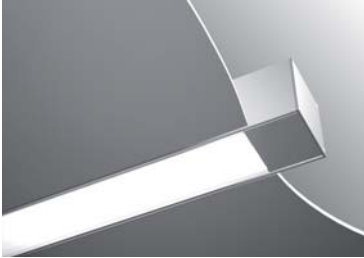


other configurations may be possible

diffusers



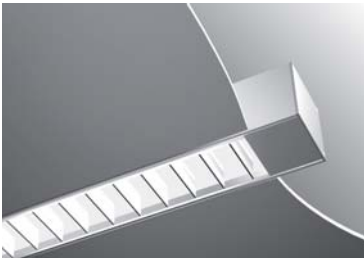
clear reeded acrylic



microsphere frosted acrylic



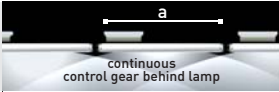
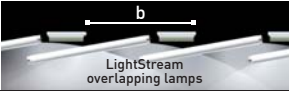

cross blade louvre



parabolic louvre semi-specular


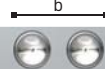





asymmetric option also available




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

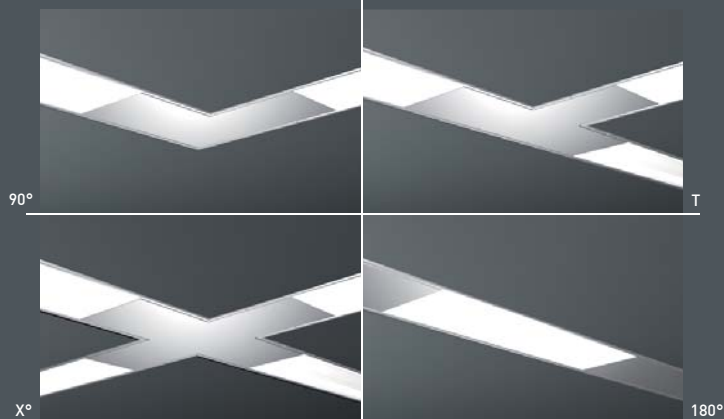
† Allows for control gear and heat dissipation, may vary.

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

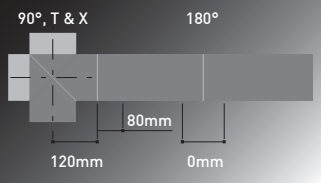
ends



connectors



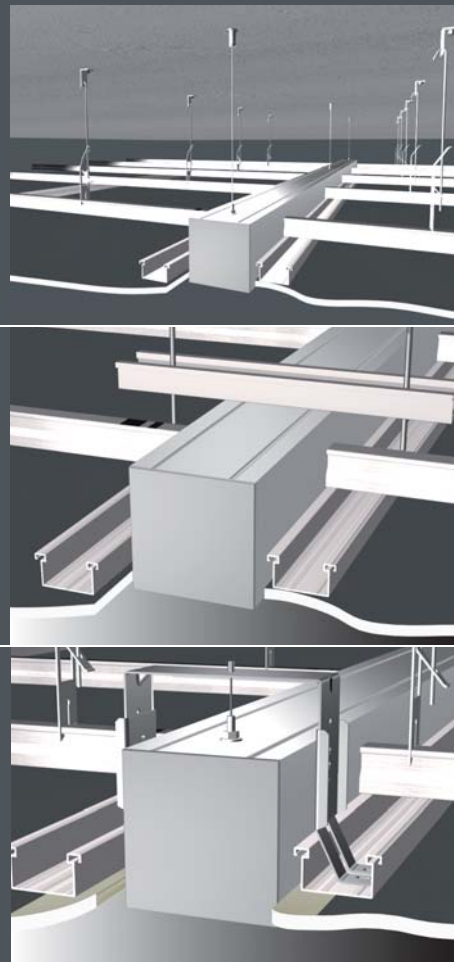
custom angled connectors available on request



space requirements

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.

suspension



wire suspended from overhead structure

direct fixed to overhead structure standard

suspended from bracket (on application)

accessories



- 1 adjustable low voltage MR11/MR16 downlights
 - 2 power outlets
 - 3 concealed PA speaker systems
 - 4 emergency systems
 - 5 Sprinkler systems can be incorporated into the KLIK in special circumstances. Please ask your representative for details
- other accessories available on request

packaging



6.5kg/m - 130 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 beam recessed version pre-configured



1. part no.

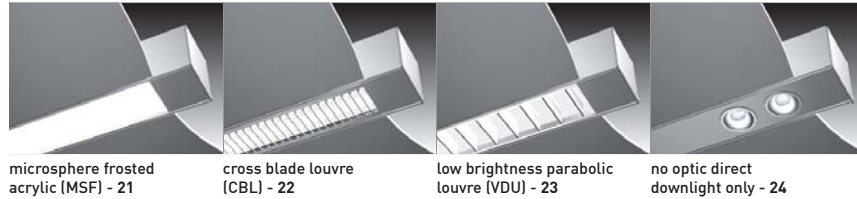
choose the desired configuration from the tables on the following pages

110B/RV141	2x1/28W	3x1/MR16 50W		MSF or CBL or VDU	2970	}
110B/RV142	2x1/35W	3x1/MR16 50W		MSF or CBL or VDU	3570	
110B/RV143	2x1/54W	3x1/MR16 50W		MSF or CBL or VDU	2970	

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

2. optic (direct)

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



microsphere frosted acrylic (MSF) - 21

cross blade louvre (CBL) - 22

low brightness parabolic louvre (VDU) - 23

no optic direct downlight only - 24

3. dimming

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



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) visible fixings 51



end plate 5mm concealed fixings 52

6. colour finish



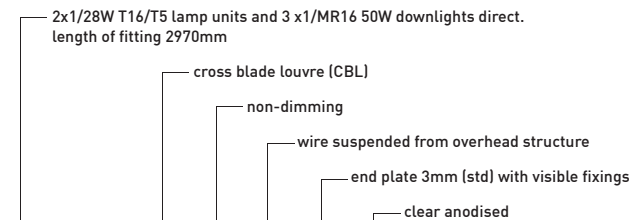
clear anodised 61

matt textured silver powder coat 62

other colour (refer to website) 64

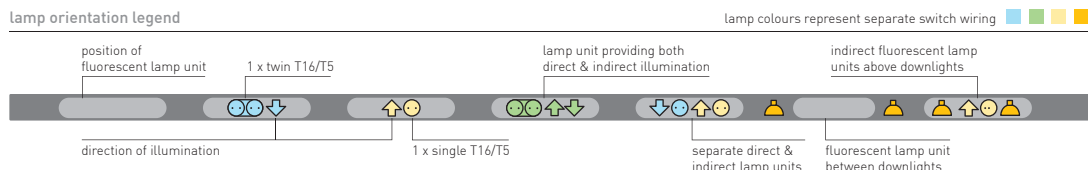
matt textured white powder coat 63

7. example



1	2	3	4	5	6	Final product specification
110B/RV141	22	31	461	51	61	110B/RV141 . 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



■ 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
110B/RV101	1x1/28W			MSF or CBL or VDU		1380	8.4	130	190	1580	0.039
110B/RV102	1x1/35W			MSF or CBL or VDU		1680	10.2	130	190	1880	0.046
110B/RV103	1x1/54W			MSF or CBL or VDU		1380	8.4	130	190	1580	0.039
110B/RV104	1x1/80W			MSF or CBL or VDU		1680	10.2	130	190	1880	0.046
110B/RV105	1x2/28W			MSF or CBL		1380	8.4	130	190	1580	0.039
110B/RV106	1x2/35W			MSF or CBL		1680	10.2	130	190	1880	0.046
110B/RV107	1x2/54W			MSF or CBL		1380	8.4	130	190	1580	0.039
110B/RV108	1x2/80W			MSF or CBL		1680	10.2	130	190	1880	0.046
110B/RV109	2x1/28W			MSF or CBL or VDU		2640	16.1	130	190	2840	0.070
110B/RV110	2x1/35W			MSF or CBL or VDU		3240	19.8	130	190	3440	0.085
110B/RV111	2x1/54W			MSF or CBL or VDU		2640	16.1	130	190	2840	0.070
110B/RV112	2x1/80W			MSF or CBL or VDU		3240	19.8	130	190	3440	0.085
110B/RV113	2x2/28W			MSF or CBL		2640	16.1	130	190	2840	0.070
110B/RV114	2x2/35W			MSF or CBL		3240	19.8	130	190	3440	0.085
110B/RV115	2x2/54W			MSF or CBL		2640	16.1	130	190	2840	0.070
110B/RV116	2x2/80W			MSF or CBL		3240	19.8	130	190	3440	0.085
110B/RV117	2x1/28W	LightStream		MSF		2330	14.2	130	190	2530	0.062
110B/RV118	2x1/35W	LightStream		MSF		2930	17.9	130	190	3130	0.077
110B/RV119	2x1/54W	LightStream		MSF		2330	14.2	130	190	2530	0.062
110B/RV120	2x1/80W	LightStream		MSF		2930	17.9	130	190	3130	0.077
110B/RV121	3x1/28W			MSF or CBL or VDU		3900	23.8	130	190	4100	0.101
110B/RV122	3x1/35W			MSF or CBL or VDU		4800	29.3	130	190	5000	0.124
110B/RV123	3x1/54W			MSF or CBL or VDU		3900	23.8	130	190	4100	0.101
110B/RV124	3x1/80W			MSF or CBL or VDU		4800	29.3	130	190	5000	0.124
110B/RV125	3x2/28W			MSF or CBL		3900	23.8	130	190	4100	0.101
110B/RV126	3x2/35W			MSF or CBL		4800	29.3	130	190	5000	0.124
110B/RV127	3x2/54W			MSF or CBL		3900	23.8	130	190	4100	0.101
110B/RV128	3x2/80W			MSF or CBL		4800	29.3	130	190	5000	0.124
110B/RV129	3x1/28W	LightStream		MSF		3380	20.6	130	190	3580	0.088
110B/RV130	3x1/35W	LightStream		MSF		4280	26.1	130	190	4480	0.111
110B/RV131	3x1/54W	LightStream		MSF		3380	20.6	130	190	3580	0.088
110B/RV132	3x1/80W	LightStream		MSF		4280	26.1	130	190	4480	0.111


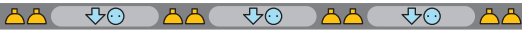

Consider transport and site access when ordering long lengths.




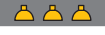














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part no.				optic direct	optic indirect	length (mm)	weight (kgs)	pack size h x w x l (mm)			cubic m ³
	direct	downlight	indirect								
110B/RV133	1x1/28W	2x1/MR16 50W		MSF or CBL or VDU		1580	9.6	130	190	1780	0.044
110B/RV134	1x1/35W	2x1/MR16 50W		MSF or CBL or VDU		1880	11.5	130	190	2080	0.051
110B/RV135	1x1/54W	2x1/MR16 50W		MSF or CBL or VDU		1580	9.6	130	190	1780	0.044
110B/RV136	1x1/80W	2x1/MR16 50W		MSF or CBL or VDU		1880	11.5	130	190	2080	0.051
110B/RV137	1x2/28W	2x1/MR16 50W		MSF or CBL		1580	9.6	130	190	1780	0.044
110B/RV138	1x2/35W	2x1/MR16 50W		MSF or CBL		1880	11.5	130	190	2080	0.051
110B/RV139	1x2/54W	2x1/MR16 50W		MSF or CBL		1580	9.6	130	190	1780	0.044
110B/RV140	1x2/80W	2x1/MR16 50W		MSF or CBL		1880	11.5	130	190	2080	0.051
110B/RV141	2x1/28W	3x1/MR16 50W		MSF or CBL or VDU		2940	17.9	130	190	3140	0.078
110B/RV142	2x1/35W	3x1/MR16 50W		MSF or CBL or VDU		3540	21.6	130	190	3740	0.092
110B/RV143	2x1/54W	3x1/MR16 50W		MSF or CBL or VDU		2940	17.9	130	190	3140	0.078
110B/RV144	2x1/80W	3x1/MR16 50W		MSF or CBL or VDU		3540	21.6	130	190	3740	0.092
110B/RV145	2x2/28W	3x1/MR16 50W		MSF or CBL		2940	17.9	130	190	3140	0.078
110B/RV146	2x2/35W	3x1/MR16 50W		MSF or CBL		3540	21.6	130	190	3740	0.092
110B/RV147	2x2/54W	3x1/MR16 50W		MSF or CBL		2940	17.9	130	190	3140	0.078
110B/RV148	2x2/80W	3x1/MR16 50W		MSF or CBL		3540	21.6	130	190	3740	0.092
110B/RV149	3x1/28W	4x1/MR16 50W		MSF or CBL or VDU		4300	24.7	120	190	4500	0.103
110B/RV150	3x1/35W	4x1/MR16 50W		MSF or CBL or VDU		5200	31.7	130	190	5400	0.133
110B/RV151	3x1/54W	4x1/MR16 50W		MSF or CBL or VDU		4300	26.2	130	190	4500	0.111
110B/RV152	3x1/80W	4x1/MR16 50W		MSF or CBL or VDU		5200	31.7	130	190	5400	0.133
110B/RV153	3x2/28W	4x1/MR16 50W		MSF or CBL		4300	26.2	130	190	4500	0.111
110B/RV154	3x2/35W	4x1/MR16 50W		MSF or CBL		5200	31.7	130	190	5400	0.133
110B/RV155	3x2/54W	4x1/MR16 50W		MSF or CBL		4300	26.2	130	190	4500	0.111
110B/RV156	3x2/80W	4x1/MR16 50W		MSF or CBL		5200	31.7	130	190	5400	0.133
110B/RV157	1x1/28W	2x2/MR16 50W		MSF or CBL or VDU		1780	10.9	130	190	1980	0.049
110B/RV158	1x1/35W	2x2/MR16 50W		MSF or CBL or VDU		2080	12.7	130	190	2280	0.056
110B/RV159	1x1/54W	2x2/MR16 50W		MSF or CBL or VDU		1780	10.9	130	190	1980	0.049
110B/RV160	1x1/80W	2x2/MR16 50W		MSF or CBL or VDU		2080	12.7	130	190	2280	0.056
110B/RV161	1x2/28W	2x2/MR16 50W		MSF or CBL		1780	10.9	130	190	1980	0.049
110B/RV162	1x2/35W	2x2/MR16 50W		MSF or CBL		2080	12.7	130	190	2280	0.056
110B/RV163	1x2/54W	2x2/MR16 50W		MSF or CBL		1780	10.9	130	190	1980	0.049
110B/RV164	1x2/80W	2x2/MR16 50W		MSF or CBL		2080	12.7	130	190	2280	0.056
110B/RV165	2x1/28W	3x2/MR16 50W		MSF or CBL or VDU		3240	19.8	130	190	3440	0.085
110B/RV166	2x1/35W	3x2/MR16 50W		MSF or CBL or VDU		3840	23.4	130	190	4040	0.100
110B/RV167	2x1/54W	3x2/MR16 50W		MSF or CBL or VDU		3240	19.8	130	190	3440	0.085
110B/RV168	2x1/80W	3x2/MR16 50W		MSF or CBL or VDU		3840	23.4	130	190	4040	0.100
110B/RV169	2x2/28W	3x2/MR16 50W		MSF or CBL		3240	19.8	130	190	3440	0.085
110B/RV170	2x2/35W	3x2/MR16 50W		MSF or CBL		3840	23.4	130	190	4040	0.100
110B/RV171	2x2/54W	3x2/MR16 50W		MSF or CBL		3240	19.8	130	190	3440	0.085
110B/RV172	2x2/80W	3x2/MR16 50W		MSF or CBL		3840	23.4	130	190	4040	0.100

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
											
											
110B/RV173	3x1/28W	4x2/MR16 50W		MSF or CBL or VDU		4700	28.7	130	190	4900	0.121
110B/RV174	3x1/35W	4x2/MR16 50W		MSF or CBL or VDU		5600	34.2	130	190	5800	0.143
110B/RV175	3x1/54W	4x2/MR16 50W		MSF or CBL or VDU		4700	28.7	130	190	4900	0.121
110B/RV176	3x1/80W	4x2/MR16 50W		MSF or CBL or VDU		5600	34.2	130	190	5800	0.143
											
110B/RV177	3x2/28W	4x2/MR16 50W		MSF or CBL		4700	28.7	130	190	4900	0.121
110B/RV178	3x2/35W	4x2/MR16 50W		MSF or CBL		5600	34.2	130	190	5800	0.143
110B/RV179	3x2/54W	4x2/MR16 50W		MSF or CBL		4700	28.7	130	190	4900	0.121
110B/RV180	3x2/80W	4x2/MR16 50W		MSF or CBL		5600	34.2	130	190	5800	0.143

											
											
110B/RV181	Twin MR16 50W					250	1.5	130	190	450	0.011
											
											
110B/RV182	Triple MR16 50W					350	2.1	130	190	550	0.014
											
											
110B/RV183	Quad MR16 50W					450	2.7	130	190	650	0.016
											
											
110B/RV184	2x1/MR16 50W					710	4.3	130	190	910	0.022
											
											
110B/RV185	3x1/MR16 50W					1210	7.4	130	190	1410	0.035
											
											
110B/RV186	4x1/MR16 50W					1710	10.4	130	190	1910	0.047
											
											
110B/RV187	2x2/MR16 50W					910	5.6	130	190	1110	0.027
											
											
110B/RV188	3x2/MR16 50W					1510	9.2	130	190	1710	0.042
											
											
110B/RV189	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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