

2 3 0 i s i s



other configurations may be possible

diffusers



clear reeded acrylic



microsphere frosted acrylic



cross blade louvre



low brightness parabolic louvre



clear reeded acrylic (indirect)



microsphere frosted acrylic (indirect)

asymmetric option also available

lamp units

Fluorescent Lamps			
		Lamp Unit Length (ECG)	
Lamp Type	W	a	
	14W/24W	580	
	21W/39W	880	
	28W/54W	1180	
	35W/80W	1480	

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

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



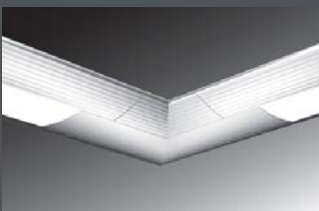
ends



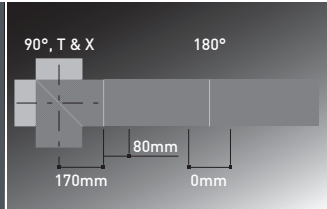
suspension



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.

accessories



- 1 adjustable low voltage MR16 downlights
  - 2 concealed PA speaker systems.
  - 3 emergency systems
- other accessories  
available on request



finish

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

see [klikssystem.com](http://klikssystem.com) for current colour availability.

packaging



5.6kg/m - 120 x 265 x (l + 200mm)

photometrics



photometric files available for  
download from [klikssystem.com](http://klikssystem.com)

# 230 isis 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

2301172	2x1/80W	3x1/MR16 50W	MSF or CBL or VDU	3540
2301173	2x1/28W	3x1/MR16 50W	MSF or CBL or VDU CR	2940
2301174	2x1/35W	3x1/MR16 50W	MSF or CBL or VDU CR	3540

## 2. optic (direct)



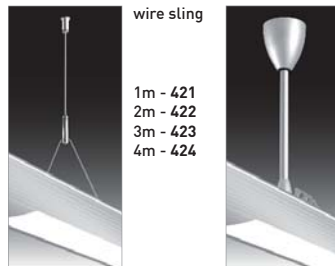
microsphere frosted acrylic (MSF) - 21      cross blade louvre (CBL) - 22      low brightness parabolic louvre (VDU) - 23      no optic direct downlight only - 24

## 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

rod  
600mm - 441  
1.2m - 442

## 5. end



end plate 3mm (std) visible fixings  
51

end plate 5mm concealed fixings  
52

## 6. colour finish



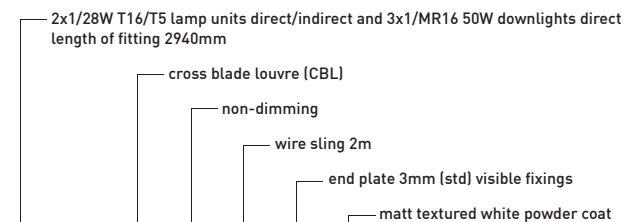
clear anodised 61

matt textured silver powder coat 62

other colour (refer to website) 64

matt textured white powder coat 63

## 7. example



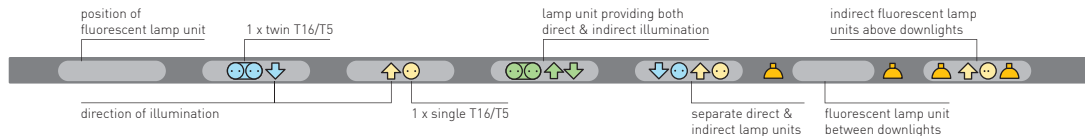
1	2	3	4	5	6	Final product specification
2301173	22	31	422	51	63	2301173 . 22 . 31 . 422 . 51 . 63

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 (mm)			cubic m <sup>3</sup>
h x w x l											
2301101	1x1/28W			MSF or CBL or VDU		1380	7.7	120	265	1580	0.050
2301102	1x1/35W			MSF or CBL or VDU		1680	9.4	120	265	1880	0.060
2301103	1x1/54W			MSF or CBL or VDU		1380	7.7	120	265	1580	0.050
2301104	1x1/80W			MSF or CBL or VDU		1680	9.4	120	265	1880	0.060
2301105	1x1/28W			MSF or CBL or VDU	CR	1380	7.7	120	265	1580	0.050
2301106	1x1/35W			MSF or CBL or VDU	CR	1680	9.4	120	265	1880	0.060
2301107	1x1/54W			MSF or CBL or VDU	CR	1380	7.7	120	265	1580	0.050
2301108	1x1/80W			MSF or CBL or VDU	CR	1680	9.4	120	265	1880	0.060
2301109	1x2/28W			MSF or CBL		1380	7.7	120	265	1580	0.050
2301110	1x2/35W			MSF or CBL		1680	9.4	120	265	1880	0.060
2301111	1x2/54W			MSF or CBL		1380	7.7	120	265	1580	0.050
2301112	1x2/80W			MSF or CBL		1680	9.4	120	265	1880	0.060
2301113	1x2/28W			MSF or CBL	CR	1380	7.7	120	265	1580	0.050
2301114	1x2/35W			MSF or CBL	CR	1680	9.4	120	265	1880	0.060
2301115	1x2/54W			MSF or CBL	CR	1380	7.7	120	265	1580	0.050
2301116	1x2/80W			MSF or CBL	CR	1680	9.4	120	265	1880	0.060
2301117	2x1/28W			MSF or CBL or VDU		2640	14.8	120	265	2840	0.090
2301118	2x1/35W			MSF or CBL or VDU		3240	18.1	120	265	3440	0.109
2301119	2x1/54W			MSF or CBL or VDU		2640	14.8	120	265	2840	0.090
2301120	2x1/80W			MSF or CBL or VDU		3240	18.1	120	265	3440	0.109
2301121	2x1/28W			MSF or CBL or VDU	CR	2640	14.8	120	265	2840	0.090
2301122	2x1/35W			MSF or CBL or VDU	CR	3240	18.1	120	265	3440	0.109
2301123	2x1/54W			MSF or CBL or VDU	CR	2640	14.8	120	265	2840	0.090
2301124	2x1/80W			MSF or CBL or VDU	CR	3240	18.1	120	265	3440	0.109
2301125	2x2/28W			MSF or CBL		2640	14.8	120	265	2840	0.090
2301126	2x2/35W			MSF or CBL		3240	18.1	120	265	3440	0.109
2301127	2x2/54W			MSF or CBL		2640	14.8	120	265	2840	0.090
2301128	2x2/80W			MSF or CBL		3240	18.1	120	265	3440	0.109
2301129	2x2/28W			MSF or CBL	CR	2640	14.8	120	265	2840	0.090
2301130	2x2/35W			MSF or CBL	CR	3240	18.1	120	265	3440	0.109
2301131	2x2/54W			MSF or CBL	CR	2640	14.8	120	265	2840	0.090
2301132	2x2/80W			MSF or CBL	CR	3240	18.1	120	265	3440	0.109
2301133	3x1/28W			MSF or CBL or VDU		3900	21.8	120	265	4100	0.130
2301134	3x1/35W			MSF or CBL or VDU		4800	26.9	120	265	5000	0.159
2301135	3x1/54W			MSF or CBL or VDU		3900	21.8	120	265	4100	0.130
2301136	3x1/80W			MSF or CBL or VDU		4800	26.9	120	265	5000	0.159
2301137	3x1/28W			MSF or CBL or VDU	CR	3900	21.8	120	265	4100	0.130
2301138	3x1/35W			MSF or CBL or VDU	CR	4800	26.9	120	265	5000	0.159
2301139	3x1/54W			MSF or CBL or VDU	CR	3900	21.8	120	265	4100	0.130
2301140	3x1/80W			MSF or CBL or VDU	CR	4800	26.9	120	265	5000	0.159

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2301

Consider transport and site access when ordering long lengths.

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part no.	direct	downlight	indirect	optic direct	optic indirect	length (mm)	weight (kgs)	pack size h x w x l (mm)			cubic m <sup>3</sup>
2301141	3x2/28W			MSF or CBL		3900	21.8	120	265	4100	0.130
2301142	3x2/35W			MSF or CBL		4800	26.9	120	265	5000	0.159
2301143	3x2/54W			MSF or CBL		3900	21.8	120	265	4100	0.130
2301144	3x2/80W			MSF or CBL		4800	26.9	120	265	5000	0.159
2301145	3x2/28W			MSF or CBL	CR	3900	21.8	120	265	4100	0.130
2301146	3x2/35W			MSF or CBL	CR	4800	26.9	120	265	5000	0.159
2301147	3x2/54W			MSF or CBL	CR	3900	21.8	120	265	4100	0.130
2301148	3x2/80W			MSF or CBL	CR	4800	26.9	120	265	5000	0.159
2301149	1x1/28W	2x1/MR16 50W		MSF or CBL or VDU		1580	8.8	120	265	1780	0.057
2301150	1x1/35W	2x1/MR16 50W		MSF or CBL or VDU		1880	10.5	120	265	2080	0.066
2301151	1x1/54W	2x1/MR16 50W		MSF or CBL or VDU		1580	8.8	120	265	1780	0.057
2301152	1x1/80W	2x1/MR16 50W		MSF or CBL or VDU		1880	10.5	120	265	2080	0.066
2301153	1x1/28W	2x1/MR16 50W		MSF or CBL or VDU	CR	1580	8.8	120	265	1780	0.057
2301154	1x1/35W	2x1/MR16 50W		MSF or CBL or VDU	CR	1880	10.5	120	265	2080	0.066
2301155	1x1/54W	2x1/MR16 50W		MSF or CBL or VDU	CR	1580	8.8	120	265	1780	0.057
2301156	1x1/80W	2x1/MR16 50W		MSF or CBL or VDU	CR	1880	10.5	120	265	2080	0.066
2301157	1x2/28W	2X1/MR16 50W		MSF or CBL		1580	8.8	120	265	1780	0.057
2301158	1x2/35W	2X1/MR16 50W		MSF or CBL		1880	10.5	120	265	2080	0.066
2301159	1x2/54W	2X1/MR16 50W		MSF or CBL		1580	8.8	120	265	1780	0.057
2301160	1x2/80W	2X1/MR16 50W		MSF or CBL		1880	10.5	120	265	2080	0.066
2301161	1x2/28W	2X1/MR16 50W		MSF or CBL	CR	1580	8.8	120	265	1780	0.057
2301162	1x2/35W	2X1/MR16 50W		MSF or CBL	CR	1880	10.5	120	265	2080	0.066
2301163	1x2/54W	2X1/MR16 50W		MSF or CBL	CR	1580	8.8	120	265	1780	0.057
2301164	1x2/80W	2X1/MR16 50W		MSF or CBL	CR	1880	10.5	120	265	2080	0.066
2301165		2X1/MR16 50W	1x2/28W		CR	1580	8.8	120	265	1780	0.057
2301166		2X1/MR16 50W	1x2/35W		CR	1880	10.5	120	265	2080	0.066
2301167		2X1/MR16 50W	1x2/54W		CR	1580	8.8	120	265	1780	0.057
2301168		2X1/MR16 50W	1x2/80W		CR	1880	10.5	120	265	2080	0.066
2301169	2x1/28W	3x1/MR16 50W		MSF or CBL or VDU		2940	16.5	120	265	3140	0.100
2301170	2x1/35W	3x1/MR16 50W		MSF or CBL or VDU		3540	19.8	120	265	3740	0.119
2301171	2x1/54W	3x1/MR16 50W		MSF or CBL or VDU		2940	16.5	120	265	3140	0.100
2301172	2x1/80W	3x1/MR16 50W		MSF or CBL or VDU		3540	19.8	120	265	3740	0.119
2301173	2x1/28W	3x1/MR16 50W		MSF or CBL or VDU	CR	2940	16.5	120	265	3140	0.100
2301174	2x1/35W	3x1/MR16 50W		MSF or CBL or VDU	CR	3540	19.8	120	265	3740	0.119
2301175	2x1/54W	3x1/MR16 50W		MSF or CBL or VDU	CR	2940	16.5	120	265	3140	0.100
2301176	2x1/80W	3x1/MR16 50W		MSF or CBL or VDU	CR	3540	19.8	120	265	3740	0.119
2301177	2x2/28W	3X1/MR16 50W		MSF or CBL		2940	16.5	120	265	3140	0.100
2301178	2x2/35W	3X1/MR16 50W		MSF or CBL		3540	19.8	120	265	3740	0.119
2301179	2x2/54W	3X1/MR16 50W		MSF or CBL		2940	16.5	120	265	3140	0.100
2301180	2x2/80W	3X1/MR16 50W		MSF or CBL		3540	19.8	120	265	3740	0.119
2301181	2x2/28W	3X1/MR16 50W		MSF or CBL	CR	2940	16.5	120	265	3140	0.100
2301182	2x2/35W	3X1/MR16 50W		MSF or CBL	CR	3540	19.8	120	265	3740	0.119
2301183	2x2/54W	3X1/MR16 50W		MSF or CBL	CR	2940	16.5	120	265	3140	0.100
2301184	2x2/80W	3X1/MR16 50W		MSF or CBL	CR	3540	19.8	120	265	3740	0.119

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 <sup>3</sup>
2301185		3X1/MR16 50W	2x2/28W		CR	2940	16.5	120	265	3140	0.100
2301186		3X1/MR16 50W	2x2/35W		CR	3540	19.8	120	265	3740	0.119
2301187		3X1/MR16 50W	2x2/54W		CR	2940	16.5	120	265	3140	0.100
2301188		3X1/MR16 50W	2x2/80W		CR	3540	19.8	120	265	3740	0.119
2301189	3x1/28W	4x1/MR16 50W		MSF or CBL or VDU		4300	24.1	120	265	4500	0.143
2301190	3x1/35W	4x1/MR16 50W		MSF or CBL or VDU		5200	29.1	120	265	5400	0.172
2301191	3x1/54W	4x1/MR16 50W		MSF or CBL or VDU		4300	24.1	120	265	4500	0.143
2301192	3x1/80W	4x1/MR16 50W		MSF or CBL or VDU		5200	29.1	120	265	5400	0.172
2301193	3x1/28W	4x1/MR16 50W		MSF or CBL or VDU	CR	4300	24.1	120	265	4500	0.143
2301194	3x1/35W	4x1/MR16 50W		MSF or CBL or VDU	CR	5200	29.1	120	265	5400	0.172
2301195	3x1/54W	4x1/MR16 50W		MSF or CBL or VDU	CR	4300	24.1	120	265	4500	0.143
2301196	3x1/80W	4x1/MR16 50W		MSF or CBL or VDU	CR	5200	29.1	120	265	5400	0.172
2301197	3x2/28W	4X1/MR16 50W		MSF or CBL		4300	24.1	120	265	4500	0.143
2301198	3x2/35W	4X1/MR16 50W		MSF or CBL		5200	29.1	120	265	5400	0.172
2301199	3x2/54W	4X1/MR16 50W		MSF or CBL		4300	24.1	120	265	4500	0.143
2301200	3x2/80W	4X1/MR16 50W		MSF or CBL		5200	29.1	120	265	5400	0.172
2301201	3x2/28W	4X1/MR16 50W		MSF or CBL	CR	4300	24.1	120	265	4500	0.143
2301202	3x2/35W	4X1/MR16 50W		MSF or CBL	CR	5200	29.1	120	265	5400	0.172
2301203	3x2/54W	4X1/MR16 50W		MSF or CBL	CR	4300	24.1	120	265	4500	0.143
2301204	3x2/80W	4X1/MR16 50W		MSF or CBL	CR	5200	29.1	120	265	5400	0.172
2301205		4X1/MR16 50W	3x2/28W		CR	4300	24.1	120	265	4500	0.143
2301206		4X1/MR16 50W	3x2/35W		CR	5200	29.1	120	265	5400	0.172
2301207		4X1/MR16 50W	3x2/54W		CR	4300	24.1	120	265	4500	0.143
2301208		4X1/MR16 50W	3x2/80W		CR	5200	29.1	120	265	5400	0.172
2301209	1x1/28W	2x2/MR16 50W		MSF or CBL or VDU		1780	10.0	120	265	1980	0.063
2301210	1x1/35W	2x2/MR16 50W		MSF or CBL or VDU		2080	11.6	120	265	2280	0.073
2301211	1x1/54W	2x2/MR16 50W		MSF or CBL or VDU		1780	10.0	120	265	1980	0.063
2301212	1x1/80W	2x2/MR16 50W		MSF or CBL or VDU		2080	11.6	120	265	2280	0.073
2301213	1x1/28W	2x2/MR16 50W		MSF or CBL or VDU	CR	1780	10.0	120	265	1980	0.063
2301214	1x1/35W	2x2/MR16 50W		MSF or CBL or VDU	CR	2080	11.6	120	265	2280	0.073
2301215	1x1/54W	2x2/MR16 50W		MSF or CBL or VDU	CR	1780	10.0	120	265	1980	0.063
2301216	1x1/80W	2x2/MR16 50W		MSF or CBL or VDU	CR	2080	11.6	120	265	2280	0.073
2301217	1x2/28W	2X2/MR16 50W		MSF or CBL		1780	10.0	120	265	1980	0.063
2301218	1x2/35W	2X2/MR16 50W		MSF or CBL		2080	11.6	120	265	2280	0.073
2301219	1x2/54W	2X2/MR16 50W		MSF or CBL		1780	10.0	120	265	1980	0.063
2301220	1x2/80W	2X2/MR16 50W		MSF or CBL		2080	11.6	120	265	2280	0.073
2301221	1x2/28W	2X2/MR16 50W		MSF or CBL	CR	1780	10.0	120	265	1980	0.063
2301222	1x2/35W	2X2/MR16 50W		MSF or CBL	CR	2080	11.6	120	265	2280	0.073
2301223	1x2/54W	2X2/MR16 50W		MSF or CBL	CR	1780	10.0	120	265	1980	0.063
2301224	1x2/80W	2X2/MR16 50W		MSF or CBL	CR	2080	11.6	120	265	2280	0.073

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2301

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part no.	direct	downlight	indirect	optic direct	optic indirect	length (mm)	weight (kgs)	pack size h x w x l (mm)			cubic m <sup>3</sup>
2301225		2X2/MR16 50W	1x2/28W		CR	1780	10.0	120	265	1980	0.063
2301226		2X2/MR16 50W	1x2/35W		CR	2080	11.6	120	265	2280	0.073
2301227		2X2/MR16 50W	1x2/54W		CR	1780	10.0	120	265	1980	0.063
2301228		2X2/MR16 50W	1x2/80W		CR	2080	11.6	120	265	2280	0.073
2301229	2x1/28W	3x2/MR16 50W		MSF or CBL or VDU		3240	18.1	120	265	3440	0.109
2301230	2x1/35W	3x2/MR16 50W		MSF or CBL or VDU		3840	21.5	120	265	4040	0.128
2301231	2x1/54W	3x2/MR16 50W		MSF or CBL or VDU		3240	18.1	120	265	3440	0.109
2301232	2x1/80W	3x2/MR16 50W		MSF or CBL or VDU		3840	21.5	120	265	4040	0.128
2301233	2x1/28W	3x2/MR16 50W		MSF or CBL or VDU	CR	3240	18.1	120	265	3440	0.109
2301234	2x1/35W	3x2/MR16 50W		MSF or CBL or VDU	CR	3840	21.5	120	265	4040	0.128
2301235	2x1/54W	3x2/MR16 50W		MSF or CBL or VDU	CR	3240	18.1	120	265	3440	0.109
2301236	2x1/80W	3x2/MR16 50W		MSF or CBL or VDU	CR	3840	21.5	120	265	4040	0.128
2301237	2x2/28W	3X2/MR16 50W		MSF or CBL		3240	18.1	120	265	3440	0.109
2301238	2x2/35W	3X2/MR16 50W		MSF or CBL		3840	21.5	120	265	4040	0.128
2301239	2x2/54W	3X2/MR16 50W		MSF or CBL		3240	18.1	120	265	3440	0.109
2301240	2x2/80W	3X2/MR16 50W		MSF or CBL		3840	21.5	120	265	4040	0.128
2301241	2x2/28W	3X2/MR16 50W		MSF or CBL	CR	3240	18.1	120	265	3440	0.109
2301242	2x2/35W	3X2/MR16 50W		MSF or CBL	CR	3840	21.5	120	265	4040	0.128
2301243	2x2/54W	3X2/MR16 50W		MSF or CBL	CR	3240	18.1	120	265	3440	0.109
2301244	2x2/80W	3X2/MR16 50W		MSF or CBL	CR	3840	21.5	120	265	4040	0.128
2301245		3X2/MR16 50W	2x2/28W		CR	3240	18.1	120	265	3440	0.109
2301246		3X2/MR16 50W	2x2/35W		CR	3840	21.5	120	265	4040	0.128
2301247		3X2/MR16 50W	2x2/54W		CR	3240	18.1	120	265	3440	0.109
2301248		3X2/MR16 50W	2x2/80W		CR	3840	21.5	120	265	4040	0.128
2301249	3x1/28W	4x2/MR16 50W		MSF or CBL or VDU		4700	26.3	120	265	4900	0.156
2301250	3x1/35W	4x2/MR16 50W		MSF or CBL or VDU		5600	31.4	120	265	5800	0.184
2301251	3x1/54W	4x2/MR16 50W		MSF or CBL or VDU		4700	26.3	120	265	4900	0.156
2301252	3x1/80W	4x2/MR16 50W		MSF or CBL or VDU		5600	31.4	120	265	5800	0.184
2301253	3x1/28W	4x2/MR16 50W		MSF or CBL or VDU	CR	4700	26.3	120	265	4900	0.156
2301254	3x1/35W	4x2/MR16 50W		MSF or CBL or VDU	CR	5600	31.4	120	265	5800	0.184
2301255	3x1/54W	4x2/MR16 50W		MSF or CBL or VDU	CR	4700	26.3	120	265	4900	0.156
2301256	3x1/80W	4x2/MR16 50W		MSF or CBL or VDU	CR	5600	31.4	120	265	5800	0.184
2301257	3x2/28W	4X2/MR16 50W		MSF or CBL		4700	26.3	120	265	4900	0.156
2301258	3x2/35W	4X2/MR16 50W		MSF or CBL		5600	31.4	120	265	5800	0.184
2301259	3x2/54W	4X2/MR16 50W		MSF or CBL		4700	26.3	120	265	4900	0.156
2301260	3x2/80W	4X2/MR16 50W		MSF or CBL		5600	31.4	120	265	5800	0.184
2301261	3x2/28W	4X2/MR16 50W		MSF or CBL	CR	4700	26.3	120	265	4900	0.156
2301262	3x2/35W	4X2/MR16 50W		MSF or CBL	CR	5600	31.4	120	265	5800	0.184
2301263	3x2/54W	4X2/MR16 50W		MSF or CBL	CR	4700	26.3	120	265	4900	0.156
2301264	3x2/80W	4X2/MR16 50W		MSF or CBL	CR	5600	31.4	120	265	5800	0.184
2301265		4X2/MR16 50W	3x2/28W		CR	4700	26.3	120	265	4900	0.156
2301266		4X2/MR16 50W	3x2/35W		CR	5600	31.4	120	265	5800	0.184
2301267		4X2/MR16 50W	3x2/54W		CR	4700	26.3	120	265	4900	0.156
2301268		4X2/MR16 50W	3x2/80W		CR	5600	31.4	120	265	5800	0.184

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 <sup>3</sup>
2301269						250	1.4	120 265 450	0.014
2301270						350	2.0	120 265 550	0.017
2301271						450	2.5	120 265 650	0.021
2301272						710	4.0	120 265 910	0.029
2301273						1210	6.8	120 265 1410	0.045
2301274						1710	9.6	120 265 1910	0.061
2301275						910	5.1	120 265 1110	0.035
2301276						1510	8.5	120 265 1710	0.054
2301277						2110	11.8	120 265 2310	0.073

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

preconfigured

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.