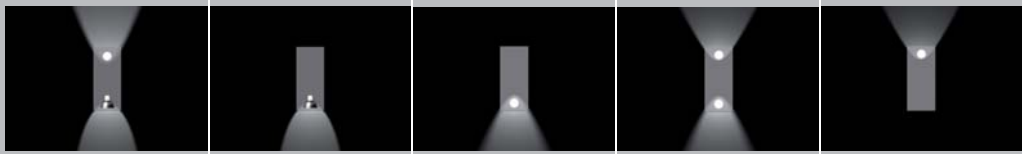


1 5 0 b e a m



other configurations may be possible

diffusers



clear reeded acrylic



microsphere frosted acrylic



cross blade louvre



parabolic louvre semi-specular

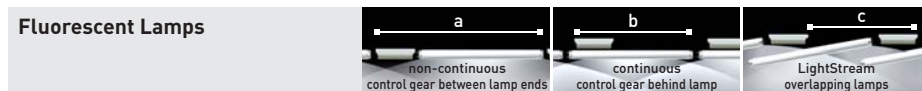




clear reeded acrylic (indirect)




microsphere frosted acrylic (indirect)

lamp units



Fluorescent Lamps		Lamp Unit Length (ECG)			
Lamp Type	W	a		b	c*
		non dim	dim		
 T16/T5	14W/24W	-	-	580	480
	21W/39W	-	-	880	780
	28W/54W	-	-	1180	1080
	35W/80W	-	-	1480	1380
 T26/T8	18W	-	-	620	-
	30W	-	-	925	-
	36W	-	-	1230	-
	58W	-	-	1530	-
 TCS	5W	290	-	110	-
	7W	320	-	140	-
	9W	350	-	170	-
	11W	420	-	240	-

* *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. The control gear will be located in the indirect compartment when continuous direct lambing is used with VDU louvres

Downlights		a	b	c
Lamp Type	W	a	b	c
MR11 fixed 	20W/35W	120	205	290

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



ends



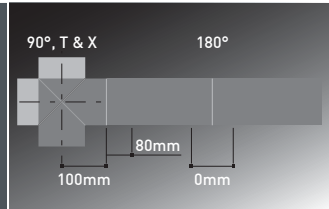
suspension



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



adjustable low voltage MR11 downlights

other accessories available on request

finish

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

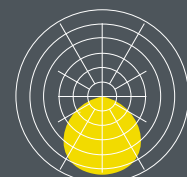
see kliksystems.com for current colour availability.

packaging



5.9kg/m - 130 x 190 x (l + 200mm)

photometrics



photometric files available for download from kliksystems.com

150B



150 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

150B144	2x1/80W	3x1/MR11 35W		MSF or CBL or VDU		3300
150B145	2x1/28W	3x1/MR11 35W	2x1/28W	MSF or CBL or VDU	CR	2700
150B146	2x1/35W	3x1/MR11 35W	2x1/35W	MSF or CBL or VDU	CR	3300

2. optic (direct)

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

3. dimming

	31
	32
	33
	34

specify circuit(s) to dim

4. suspension

	1m - 411 2m - 412 3m - 413 4m - 414		600mm - 441 1.2m - 442
--	--	--	---------------------------

5. end

	51		52
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6. colour finish

clear anodised 61			other colour (refer to website) 64
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7. example

2x1/28W T16/T5 lamp units and 3 x1/MR11 downlights direct and 2x1/28W T16/T5 lamp units indirect length of fitting 2700mm

cross blade louvre (CBL)

dimming 1-10V all circuits dimmed

wire single 2m

end plate 2mm (std) with visible fixings

matt textured white powder coat

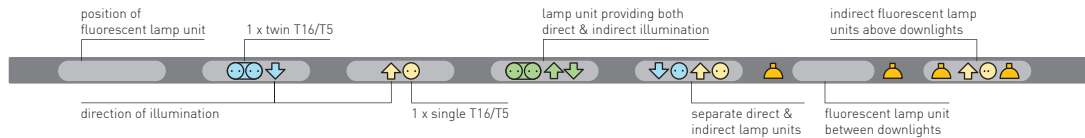
1	2	3	4	5	6	Final product specification
150B145	22	32	412	51	63	150B145 . 22 . 32 . 412 . 51 . 63

Fluorescent lamps will be supplied in colour 840 unless specified otherwise, please specify wattage and beam angle of downlights. All downlights to be fixed.



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
150B101	1x1/28W			MSF or CBL or VDU		1380	8.1	130 190 1580	0.039
150B102	1x1/35W			MSF or CBL or VDU		1680	9.9	130 190 1880	0.046
150B103	1x1/54W			MSF or CBL or VDU		1380	8.1	130 190 1580	0.039
150B104	1x1/80W			MSF or CBL or VDU		1680	9.9	130 190 1880	0.046
150B105	1x1/28W		1x1/28W	MSF or CBL or VDU	CR	1380	8.1	130 190 1580	0.039
150B106	1x1/35W		1x1/35W	MSF or CBL or VDU	CR	1680	9.9	130 190 1880	0.046
150B107	1x1/54W		1x1/28W	MSF or CBL or VDU	CR	1380	8.1	130 190 1580	0.039
150B108	1x1/80W		1x1/35W	MSF or CBL or VDU	CR	1680	9.9	130 190 1880	0.046
150B109	2x1/28W			MSF or CBL or VDU		2640	15.6	130 190 2840	0.070
150B110	2x1/35W			MSF or CBL or VDU		3240	19.1	130 190 3440	0.085
150B111	2x1/54W			MSF or CBL or VDU		2640	15.6	130 190 2840	0.070
150B112	2x1/80W			MSF or CBL or VDU		3240	19.1	130 190 3440	0.085
150B113	2x1/28W		2x1/28W	MSF or CBL or VDU	CR	2640	15.6	130 190 2840	0.070
150B114	2x1/35W		2x1/35W	MSF or CBL or VDU	CR	3240	19.1	130 190 3440	0.085
150B115	2x1/54W		2x1/28W	MSF or CBL or VDU	CR	2640	15.6	130 190 2840	0.070
150B116	2x1/80W		2x1/35W	MSF or CBL or VDU	CR	3240	19.1	130 190 3440	0.085
150B117	2x1/28W	LightStream		MSF		2330	13.7	130 190 2530	0.062
150B118	2x1/35W	LightStream		MSF		2930	17.3	130 190 3130	0.077
150B119	3x1/28W			MSF or CBL or VDU		3900	23.0	130 190 4100	0.101
150B120	3x1/35W			MSF or CBL or VDU		4800	28.3	130 190 5000	0.124
150B121	3x1/54W			MSF or CBL or VDU		3900	23.0	130 190 4100	0.101
150B122	3x1/80W			MSF or CBL or VDU		4800	28.3	130 190 5000	0.124
150B123	3x1/28W		3x1/28W	MSF or CBL or VDU	CR	3900	23.0	130 190 4100	0.101
150B124	3x1/35W		3x1/35W	MSF or CBL or VDU	CR	4800	28.3	130 190 5000	0.124
150B125	3x1/54W		3x1/28W	MSF or CBL or VDU	CR	3900	23.0	130 190 4100	0.101
150B126	3x1/80W		3x1/35W	MSF or CBL or VDU	CR	4800	28.3	130 190 5000	0.124
150B127	3x1/28W	LightStream		MSF		3380	19.9	130 190 3580	0.088
150B128	3x1/35W	LightStream		MSF		4280	25.3	130 190 4480	0.111
150B129	1x1/28W	2x1/MR11 35W		MSF or CBL or VDU		1420	8.4	130 190 1620	0.040
150B130	1x1/35W	2x1/MR11 35W		MSF or CBL or VDU		1720	10.1	130 190 1920	0.047
150B131	1x1/54W	2x1/MR11 35W		MSF or CBL or VDU		1420	8.4	130 190 1620	0.040
150B132	1x1/80W	2x1/MR11 35W		MSF or CBL or VDU		1720	10.1	130 190 1920	0.047
150B133	1x1/28W	2x1/MR11 35W	1x1/28W	MSF or CBL or VDU	CR	1420	8.4	130 190 1620	0.040
150B134	1x1/35W	2x1/MR11 35W	1x1/35W	MSF or CBL or VDU	CR	1720	10.1	130 190 1920	0.047
150B135	1x1/54W	2x1/MR11 35W	1x1/28W	MSF or CBL or VDU	CR	1420	8.4	130 190 1620	0.040
150B136	1x1/80W	2x1/MR11 35W	1x1/35W	MSF or CBL or VDU	CR	1720	10.1	130 190 1920	0.047

preconfigured

150B

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 ³	
150B137	2x1/28W	3x1/MR11 35W		MSF or CBL or VDU		2700	15.9	130 190 2900	0.072	
150B138	2x1/35W	3x1/MR11 35W		MSF or CBL or VDU		3300	19.5	130 190 3500	0.086	
150B139	2x1/54W	3x1/MR11 35W		MSF or CBL or VDU		2700	15.9	130 190 2900	0.072	
150B140	2x1/80W	3x1/MR11 35W		MSF or CBL or VDU		3300	19.5	130 190 3500	0.086	
150B141	2x1/28W	3x1/MR11 35W	2x1/28W	MSF or CBL or VDU	CR	2700	15.9	130 190 2900	0.072	
150B142	2x1/35W	3x1/MR11 35W	2x1/35W	MSF or CBL or VDU	CR	3300	19.5	130 190 3500	0.086	
150B143	2x1/54W	3x1/MR11 35W	2x1/28W	MSF or CBL or VDU	CR	2700	15.9	130 190 2900	0.072	
150B144	2x1/80W	3x1/MR11 35W	2x1/35W	MSF or CBL or VDU	CR	3300	19.5	130 190 3500	0.086	
150B145	3x1/28W	4x1/MR11 35W		MSF or CBL or VDU		3980	23.5	130 190 4180	0.103	
150B146	3x1/35W	4x1/MR11 35W		MSF or CBL or VDU		4880	28.8	130 190 5080	0.125	
150B147	3x1/54W	4x1/MR11 35W		MSF or CBL or VDU		3980	23.5	130 190 4180	0.103	
150B148	3x1/80W	4x1/MR11 35W		MSF or CBL or VDU		4880	28.8	130 190 5080	0.125	
150B149	3x1/28W	4x1/MR11 35W	3x1/28W	MSF or CBL or VDU	CR	3980	23.5	130 190 4180	0.103	
150B150	3x1/35W	4x1/MR11 35W	3x1/35W	MSF or CBL or VDU	CR	4880	28.8	130 190 5080	0.125	
150B151	3x1/54W	4x1/MR11 35W	3x1/28W	MSF or CBL or VDU	CR	3980	23.5	130 190 4180	0.103	
150B152	3x1/80W	4x1/MR11 35W	3x1/35W	MSF or CBL or VDU	CR	4880	28.8	130 190 5080	0.125	
<hr/>										
150B153	1x1/28W	2x2/MR11 20W		MSF or CBL or VDU		1560	9.2	130 190 1760	0.043	
150B154	1x1/35W	2x2/MR11 20W		MSF or CBL or VDU		1860	11.0	130 190 2060	0.051	
150B155	1x1/54W	2x2/MR11 20W		MSF or CBL or VDU		1560	9.2	130 190 1760	0.043	
150B156	1x1/80W	2x2/MR11 20W		MSF or CBL or VDU		1860	11.0	130 190 2060	0.051	
150B157	1x1/28W	2x2/MR11 20W	1x1/28W	MSF or CBL or VDU	CR	1560	9.2	130 190 1760	0.043	
150B158	1x1/35W	2x2/MR11 20W	1x1/35W	MSF or CBL or VDU	CR	1860	11.0	130 190 2060	0.051	
150B159	1x1/54W	2x2/MR11 20W	1x1/28W	MSF or CBL or VDU	CR	1560	9.2	130 190 1760	0.043	
150B160	1x1/80W	2x2/MR11 20W	1x1/35W	MSF or CBL or VDU	CR	1860	11.0	130 190 2060	0.051	
150B161	2x1/28W	3x2/MR11 20W		MSF or CBL or VDU		2910	17.2	130 190 3110	0.077	
150B162	2x1/35W	3x2/MR11 20W		MSF or CBL or VDU		3510	20.7	130 190 3710	0.092	
150B163	2x1/54W	3x2/MR11 20W		MSF or CBL or VDU		2910	17.2	130 190 3110	0.077	
150B164	2x1/80W	3x2/MR11 20W		MSF or CBL or VDU		3510	20.7	130 190 3710	0.092	
150B165	2x1/28W	3x2/MR11 20W	2x1/28W	MSF or CBL or VDU	CR	2910	17.2	130 190 3110	0.077	
150B166	2x1/35W	3x2/MR11 20W	2x1/35W	MSF or CBL or VDU	CR	3510	20.7	130 190 3710	0.092	
150B167	2x1/54W	3x2/MR11 20W	2x1/28W	MSF or CBL or VDU	CR	2910	17.2	130 190 3110	0.077	
150B168	2x1/80W	3x2/MR11 20W	2x1/35W	MSF or CBL or VDU	CR	3510	20.7	130 190 3710	0.092	
150B169	3x1/28W	4x2/MR11 20W		MSF or CBL or VDU		4260	25.1	130 190 4460	0.110	
150B170	3x1/35W	4x2/MR11 20W		MSF or CBL or VDU		5160	30.4	130 190 5360	0.132	
150B171	3x1/54W	4x2/MR11 20W		MSF or CBL or VDU		4260	25.1	130 190 4460	0.110	
150B172	3x1/80W	4x2/MR11 20W		MSF or CBL or VDU		5160	30.4	130 190 5360	0.132	
150B173	3x1/28W	4x2/MR11 20W	3x1/28W	MSF or CBL or VDU	CR	4260	25.1	130 190 4460	0.110	
150B174	3x1/35W	4x2/MR11 20W	3x1/35W	MSF or CBL or VDU	CR	5160	30.4	130 190 5360	0.132	
150B175	3x1/54W	4x2/MR11 20W	3x1/28W	MSF or CBL or VDU	CR	4260	25.1	130 190 4460	0.110	
150B176	3x1/80W	4x2/MR11 20W	3x1/35W	MSF or CBL or VDU	CR	5160	30.4	130 190 5360	0.132	

Consider transport and site access when ordering long lengths.

When using twin MR11 downlights the maximum lamp wattage is 20W.

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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 ³
150B177		2x1/MR11 20W	1x1/28W		CR	1380	8.1	130	190	1580	0.039
150B178		2x1/MR11 20W	1x1/35W		CR	1680	9.9	130	190	1880	0.046
150B179		2x1/MR11 20W	1x1/28W		CR	1380	8.1	130	190	1580	0.039
150B180		2x1/MR11 20W	1x1/35W		CR	1680	9.9	130	190	1880	0.046
150B181		3x1/MR11 35W	1x1/28W		CR	1380	8.1	130	190	1580	0.039
150B182		3x1/MR11 35W	1x1/35W		CR	1680	9.9	130	190	1880	0.046
150B183		3x1/MR11 35W	1x1/54W		CR	1380	8.1	130	190	1580	0.039
150B184		3x1/MR11 35W	1x1/80W		CR	1680	9.9	130	190	1880	0.046
150B185		3x1/MR11 35W	2x1/28W		CR	2560	15.1	130	190	2760	0.068
150B186		3x1/MR11 35W	2x1/35W		CR	3160	18.6	130	190	3360	0.083
150B187		3x1/MR11 35W	2x1/54W		CR	2560	15.1	130	190	2760	0.068
150B188		3x1/MR11 35W	2x1/80W		CR	3160	18.6	130	190	3360	0.083
150B189		4x1/MR11 35W	3x1/28W		CR	3730	22.0	130	190	3930	0.097
150B190		4x1/MR11 35W	3x1/35W		CR	4630	27.3	130	190	4830	0.119
150B191		4x1/MR11 35W	3x1/54W		CR	3730	22.0	130	190	3930	0.097
150B192		4x1/MR11 35W	3x1/80W		CR	4630	27.3	130	190	4830	0.119
150B193		2x2/MR11 20W	1x1/28W		CR	1380	8.1	130	190	1580	0.039
150B194		2x2/MR11 20W	1x1/35W		CR	1680	9.9	130	190	1880	0.046
150B195		2x2/MR11 20W	1x1/54W		CR	1380	8.1	130	190	1580	0.039
150B196		2x2/MR11 20W	1x1/80W		CR	1680	9.9	130	190	1880	0.046
150B197		2x2/MR11 20W	2x1/28W		CR	2560	15.1	130	190	2760	0.068
150B198		2x2/MR11 20W	2x1/35W		CR	3160	18.6	130	190	3360	0.083
150B199		2x2/MR11 20W	2x1/54W		CR	2560	15.1	130	190	2760	0.068
150B200		2x2/MR11 20W	2x1/80W		CR	3160	18.6	130	190	3360	0.083
150B201		4x2/MR11 20W	3x1/28W		CR	3730	22.0	130	190	3930	0.097
150B202		4x2/MR11 20W	3x1/35W		CR	4630	27.3	130	190	4830	0.119
150B203		4x2/MR11 20W	3x1/54W		CR	3730	22.0	130	190	3930	0.097
150B204		4x2/MR11 20W	3x1/80W		CR	4630	27.3	130	190	4830	0.119

When using twin MR11 downlights the maximum lamp wattage is 20W.

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150 Beam Slot - Channel 7 Digital TV (image courtesy of Channel 7 Digital TV)



