

7 0 s p e c t r u m



other configurations may be possible



diffusers



clear reeded acrylic



microsphere frosted acrylic



cross blade louvre



parabolic louvre semi-specular







clear reeded acrylic (indirect)



asymmetric option also available



lamp units



Fluorescent Lamps		Lamp Unit Length (ECG)		
Lamp Type	W	a		b
		non dim	dim	
 T16/T5	14W/24W	-	-	580
	21W/39W	-	-	880
	28W/54W	-	-	1180
	35W/80W	-	-	1480
 T26/T8	18W	-	-	620
	30W	-	-	925
	36W	-	-	1230
	58W	-	-	1530
 TCS	5W	290	-	110
	7W	320	-	140
	9W	350	-	170
	11W	420	-	240
 TCL	18W	480	660	230
	24W	585	775	335
	36W	675	855	425
	55W	905	975	545

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

Downlights		a	b	c
MR11 fixed/adj	 20W/35W	120	205	290
MR16 adj	 20W/35W/50W	150	250	350

Linear		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



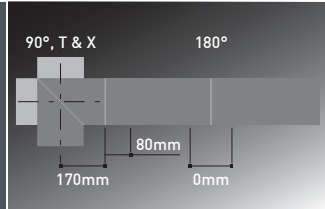
ends



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.

accessories



- 1 adjustable low voltage MR16 downlights
- 2 power outlets

- 3 concealed PA speaker systems.
  - 4 emergency systems
- other accessories available on request

suspension



packaging



finish

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

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

photometrics



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



# 70 spectrum 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

70SP112	2x2/80W	MSF or CBL		3240
70SP113	2x2/28W	MSF or CBL	K12	2640
70SP114	2x2/35W	MSF or CBL	K12	3240

## 2. optic (direct)



microsphere frosted acrylic (MSF) - 21

cross blade louvre (CBL) - 22

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 single

1m - 411  
2m - 412  
3m - 413  
4m - 414



wire sling

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



rod

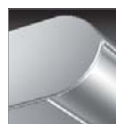
600mm - 441  
1.2m - 442

## 5. end



end plate 2mm (std) visible fixings

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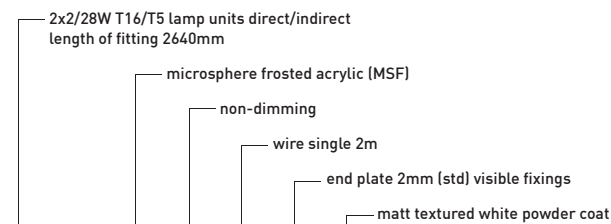
end plate 5mm concealed fixings

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## 6. colour finish



## 7. example



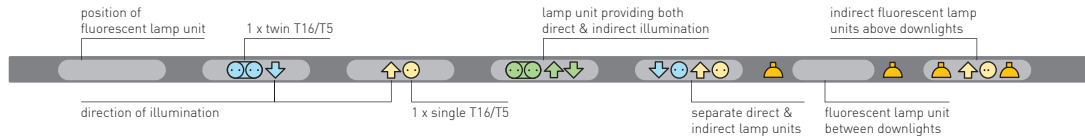
1	2	3	4	5	6	Final product specification
70SP113	21	31	412	51	63	70SP113 . 21 . 31 . 412 . 51 . 63

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>
70SP101	1x2/28W			MSF or CBL		1380	8.3	120	265	1580	0.050
70SP102	1x2/35W			MSF or CBL		1680	10.1	120	265	1880	0.060
70SP103	1x2/54W			MSF or CBL		1380	8.3	120	265	1580	0.050
70SP104	1x2/80W			MSF or CBL		1680	10.1	120	265	1880	0.060
70SP105	1x2/28W			MSF or CBL	K12	1380	8.3	120	265	1580	0.050
70SP106	1x2/35W			MSF or CBL	K12	1680	10.1	120	265	1880	0.060
70SP107	1x2/54W			MSF or CBL	K12	1380	8.3	120	265	1580	0.050
70SP108	1x2/80W			MSF or CBL	K12	1680	10.1	120	265	1880	0.060
70SP109	2x2/28W			MSF or CBL		2640	15.8	120	265	2840	0.090
70SP110	2x2/35W			MSF or CBL		3240	19.4	120	265	3440	0.109
70SP111	2x2/54W			MSF or CBL		2640	15.8	120	265	2840	0.090
70SP112	2x2/80W			MSF or CBL		3240	19.4	120	265	3440	0.109
70SP113	2x2/28W			MSF or CBL	K12	2640	15.8	120	265	2840	0.090
70SP114	2x2/35W			MSF or CBL	K12	3240	19.4	120	265	3440	0.109
70SP115	2x2/54W			MSF or CBL	K12	2640	15.8	120	265	2840	0.090
70SP116	2x2/80W			MSF or CBL	K12	3240	19.4	120	265	3440	0.109
70SP117	3x2/28W			MSF or CBL		3900	23.4	120	265	4100	0.130
70SP118	3x2/35W			MSF or CBL		4800	28.8	120	265	5000	0.159
70SP119	3x2/54W			MSF or CBL		3900	23.4	120	265	4100	0.130
70SP120	3x2/80W			MSF or CBL		4800	28.8	120	265	5000	0.159
70SP121	3x2/28W			MSF or CBL	K12	3900	23.4	120	265	4100	0.130
70SP122	3x2/35W			MSF or CBL	K12	4800	28.8	120	265	5000	0.159
70SP123	3x2/54W			MSF or CBL	K12	3900	23.4	120	265	4100	0.130
70SP124	3x2/80W			MSF or CBL	K12	4800	28.8	120	265	5000	0.159
70SP125	1x2/28W	2x1/MR16 50W		MSF or CBL		1680	10.1	120	265	1880	0.060
70SP126	1x2/35W	2x1/MR16 50W		MSF or CBL		1980	11.9	120	265	2180	0.069
70SP127	1x2/54W	2x1/MR16 50W		MSF or CBL		1680	10.1	120	265	1880	0.060
70SP128	1x2/80W	2x1/MR16 50W		MSF or CBL		1980	11.9	120	265	2180	0.069
70SP129	1x2/28W	2x1/MR16 50W		MSF or CBL	K12	1680	10.1	120	265	1880	0.060
70SP130	1x2/35W	2x1/MR16 50W		MSF or CBL	K12	1980	11.9	120	265	2180	0.069
70SP131	1x2/54W	2x1/MR16 50W		MSF or CBL	K12	1680	10.1	120	265	1880	0.060
70SP132	1x2/80W	2x1/MR16 50W		MSF or CBL	K12	1980	11.9	120	265	2180	0.069
70SP133	2x2/28W	3x1/MR16 50W		MSF or CBL		3090	18.5	120	265	3290	0.105
70SP134	2x2/35W	3x1/MR16 50W		MSF or CBL		3690	22.1	120	265	3890	0.124
70SP135	2x2/54W	3x1/MR16 50W		MSF or CBL		3090	18.5	120	265	3290	0.105
70SP136	2x2/80W	3x1/MR16 50W		MSF or CBL		3690	22.1	120	265	3890	0.124
70SP137	2x2/28W	3x1/MR16 50W		MSF or CBL	K12	3090	18.5	120	265	3290	0.105
70SP138	2x2/35W	3x1/MR16 50W		MSF or CBL	K12	3690	22.1	120	265	3890	0.124
70SP139	2x2/54W	3x1/MR16 50W		MSF or CBL	K12	3090	18.5	120	265	3290	0.105
70SP140	2x2/80W	3x1/MR16 50W		MSF or CBL	K12	3690	22.1	120	265	3890	0.124

\* indirect aperture will be less than direct aperture for direct/indirect items

preconfigured

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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>	
705P141	3x2/28W	4x1/MR16 50W		MSF or CBL		4500	27.0	120 265 4700	0.149	
705P142	3x2/35W	4x1/MR16 50W		MSF or CBL		5400	32.4	120 265 5600	0.178	
705P143	3x2/54W	4x1/MR16 50W		MSF or CBL		4500	27.0	120 265 4700	0.149	
705P144	3x2/80W	4x1/MR16 50W		MSF or CBL		5400	32.4	120 265 5600	0.178	
705P145	3x2/28W	4x1/MR16 50W		MSF or CBL	K12	4500	27.0	120 265 4700	0.149	
705P146	3x2/35W	4x1/MR16 50W		MSF or CBL	K12	5400	32.4	120 265 5600	0.178	
705P147	3x2/54W	4x1/MR16 50W		MSF or CBL	K12	4500	27.0	120 265 4700	0.149	
705P148	3x2/80W	4x1/MR16 50W		MSF or CBL	K12	5400	32.4	120 265 5600	0.178	
705P149	1x2/28W	2x2/MR16 50W		MSF or CBL		1880	11.3	120 265 2080	0.066	
705P150	1x2/35W	2x2/MR16 50W		MSF or CBL		2180	13.1	120 265 2380	0.076	
705P151	1x2/54W	2x2/MR16 50W		MSF or CBL		1880	11.3	120 265 2080	0.066	
705P152	1x2/80W	2x2/MR16 50W		MSF or CBL		2180	13.1	120 265 2380	0.076	
705P153	1x2/28W	2x2/MR16 50W		MSF or CBL	K12	1880	11.3	120 265 2080	0.066	
705P154	1x2/35W	2x2/MR16 50W		MSF or CBL	K12	2180	13.1	120 265 2380	0.076	
705P155	1x2/54W	2x2/MR16 50W		MSF or CBL	K12	1880	11.3	120 265 2080	0.066	
705P156	1x2/80W	2x2/MR16 50W		MSF or CBL	K12	2180	13.1	120 265 2380	0.076	
705P157	2x2/28W	3x2/MR16 50W		MSF or CBL		3390	20.3	120 265 3590	0.114	
705P158	2x2/35W	3x2/MR16 50W		MSF or CBL		3990	23.9	120 265 4190	0.133	
705P159	2x2/54W	3x2/MR16 50W		MSF or CBL		3390	20.3	120 265 3590	0.114	
705P160	2x2/80W	3x2/MR16 50W		MSF or CBL		3990	23.9	120 265 4190	0.133	
705P161	2x2/28W	3x2/MR16 50W		MSF or CBL	K12	3390	20.3	120 265 3590	0.114	
705P162	2x2/35W	3x2/MR16 50W		MSF or CBL	K12	3990	23.9	120 265 4190	0.133	
705P163	2x2/54W	3x2/MR16 50W		MSF or CBL	K12	3390	20.3	120 265 3590	0.114	
705P164	2x2/80W	3x2/MR16 50W		MSF or CBL	K12	3990	23.9	120 265 4190	0.133	
705P165	3x2/28W	4x2/MR16 50W		MSF or CBL		4900	29.4	120 265 5100	0.162	
705P166	3x2/54W	4x2/MR16 50W		MSF or CBL		4900	29.4	120 265 5100	0.162	
705P167	3x2/28W	4x2/MR16 50W		MSF or CBL	K12	4900	29.4	120 265 5100	0.162	
705P168	3x2/54W	4x2/MR16 50W		MSF or CBL	K12	4900	29.4	120 265 5100	0.162	
705P169	Twin MR16 50W					250	1.5	120 265 450	0.014	
705P170	Triple MR16 50W					350	2.1	120 265 550	0.017	
705P171	Quad MR16 50W					450	2.7	120 265 650	0.021	
705P172	2x1/MR16 50W					710	4.3	120 265 910	0.029	

Consider transport and site access when ordering long lengths.

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

\* indirect aperture will be less than direct aperture for direct/indirect items

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>
70SP173						1210	7.3	120 265 1410	0.045
70SP174						1710	10.3	120 265 1910	0.061
70SP175						910	5.5	120 265 1110	0.035
70SP176						1510	9.1	120 265 1710	0.054
70SP177						2110	12.7	120 265 2310	0.073

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