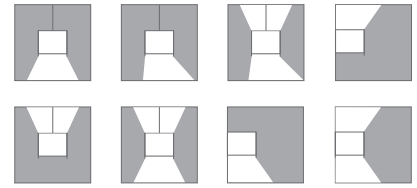
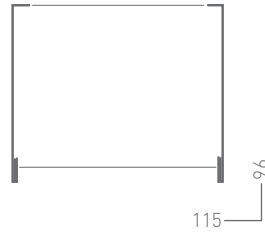


## DATASHEET



<b>Weight/Pack size</b>	6.0kg/m - 120 x 265 x (l + 200mm)
<b>Finish</b>	white powder coat · silver powder coat · black powder coat · clear anodised · custom powder coat
<b>Mounting</b>	wire and sling (1m, 2m, 3m, 4m) · wire twin (1m, 2m, 3m, 4m) · rod (1m, 2m, 3m, 4m) · surface mount
<b>Accessories</b>	custom angled connectors · power outlets · concealed PA speaker systems · sensor · others available



DIRECT / INDIRECT																							
Colour <sup>2</sup>	3000K					4000K					RGBW - 3000K					RGBW - 4000K							
											RGB <sup>3</sup>	White	White	White	RGB <sup>3</sup>	White	RGB <sup>3</sup>	White	White	White	White	RGB <sup>3</sup>	White
<b>LED Lumen/m<sup>1</sup></b>	500 <sup>9</sup>	1000 <sup>4</sup>	1500	2250	3350	500 <sup>9</sup>	1000 <sup>4</sup>	1500	2250	3350	500	1000	1500	2250	1000	3350	500	1000	1500	2250	1000	3350	
<b>Standard CRI (Ra)<sup>5</sup></b>	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	n/a	>80	>80	>80	n/a	>80	n/a	>80	>80	>80	>80	n/a	>80
<b>LED Watts/m</b>	4	8	11	18 <sup>5</sup>	27 <sup>5</sup>	4	8	11	17 <sup>5</sup>	26 <sup>5</sup>	15	8	11	18	30	27	15	8	11	17	30	26	
<b>High CRI (Ra)<sup>8</sup></b>	98	98	98	98	98	98	98	98	98	98													
<b>CRI R9 (R9)</b>	80	80	80	80	80	80	80	80	80	80													
<b>LED Watts/m</b>	6	11	16	25	38	5	10	15	22	34													
<b>Cyanosis COI<sup>6,7</sup></b>						0.94	0.94	0.94	0.94														
<b>LED Watts/m</b>						10	15	22	34														
<b>Control</b>	Non Dim · DALI · 0-10V · DMX (DMX = RGBW only)															(integral and remote to luminaire)							
<b>Optics</b>	LEDOptek · ULB with LEDOptek																						
<b>Luminaire Length</b>	Custom lengths in 1mm increments with fully illuminated diffuser																						
<b>LEDs</b>	Cree · LG Innotek · Nichia · Philips Lumileds																						

1. All values shown are LED lumens and watts, see photometric files for system lumens and watts. 2. 2700K - 5000K available on request. 3. Lumen/m are calculated when all three colours are at maximum output. 4. Solid colours available upon request - Amber, Blue, Red & Green. 5. LM-79 and TM-21 lifetime projection test reports available on request. 6. EMC Test to AS/NZS CISPR 15:2011 test report available on request. 7. Appendix G of AS1680.2.5:1997 test report available on request. 8. CRI tolerance = +1% -3%. 9. 500lm only available as Direct. LED-D 20170907-01



Colour	3000K		4000K		5000K		
	LED Lumen/m <sup>1,2</sup>	2300	4550	2350	4750	2400	4850
LED Watts/m	15	28	15	28	15	28	
CRI	>80	>80	>80	>80	>80	>80	
Control	Non Dim · DALI · DSI					(integral to luminaire)	
Optics	LEDoptek · ULB with LEDoptek						
Luminaire Length	Custom lengths in 140mm increments with fully illuminated diffuser						

1. All values shown are LED lumens and watts, see photometric files for system lumens and watts.  
 2. Luminous flux at tp 65°C @ 350mA. Other outputs available upon request.

LEDZ-06-20170816-01



DOWNLIGHTS				KDL35				KDL50			KDL50XT			KDL70			
Optics				Lens				Reflector			Reflector			Reflector			
Beam Angles				NSP	SP	NFL	FL	NSP	SP	NFL	SP	NFL	FL	NSP	SP	NFL	FL
LOR defined by optics				94	93	86	94	85	86	85	85	86	85	80	82	83	87
lm	W	mA	V	System Lumens													
405	2.7	250	12	380	380	350	380	345	350	345	-	-	-	-	-	-	
560	3.8	350	12	530	525	485	530	480	485	480	-	-	-	-	-	-	
780	5.6	500	12	735	725	670	735	665	670	665	665	670	665	625	640	650	675
1040	8.1	700	12	-	-	-	-	885	895	885	-	-	-	-	-	-	
1100	8.8	250	36	-	-	-	-	-	-	-	935	945	935	-	-	-	
1500	12.6	350	36	-	-	-	-	-	-	-	1275	1290	1275	-	-	-	
Colour	3000K · 4000K · 5000K																
CRI	80-85																
Binning	2 McAdam Step																
Control	Non Dim · DALI · 0-10V																
Weight	0.075kg				0.100kg			0.225kg			0.200kg						

NSP - narrow spot 10-19° · SP - spot 20-34° · NFL - narrow flood 35-49° · FL - flood 50-69°

KDL-09-20170824-01