

# QUAD SIDEWALL

MADE-TO-MEASURE



## KEY FEATURES

- Recessed, Surface, Suspended and Wall mounted profile in custom made-to-measure widths, lengths and shapes
- 65mm, 84mm or 100mm deep aluminium sidewall profile
- Direct lighting with PHILIPS Fortimo LED, Helvar Tuneable White, RGB/RGBW colour-changing LED and much more
- Fixed Output, DALI dimmable, DMX or Casambi control
- Integrated 3-hour emergency conversions available
- Matt White, Matt Black and Anodised Aluminium standard finishes, with many more on request including RAL & vinyl
- UGR compliant with up to 136 LL/CW



**PHILIPS CASAMBI**

**60 YEARS  
IN LIGHT**

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ISSUE DATE: 21/01/20

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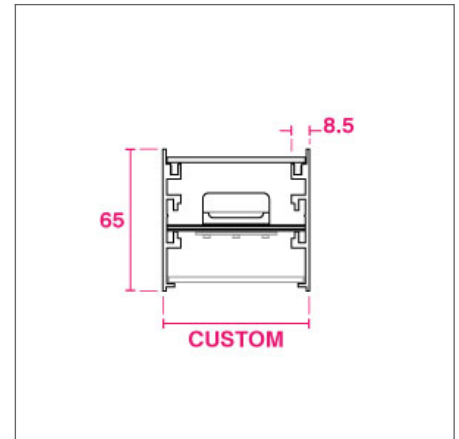
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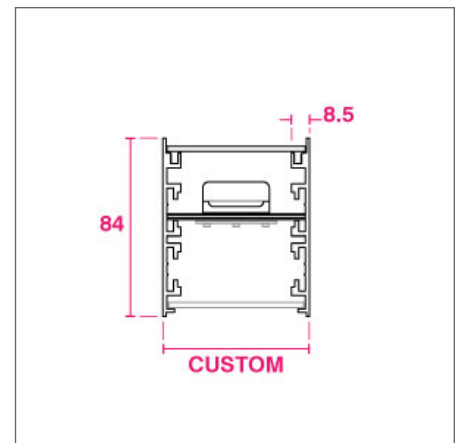
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## QUAD SIDEWALL SPECIFICATIONS

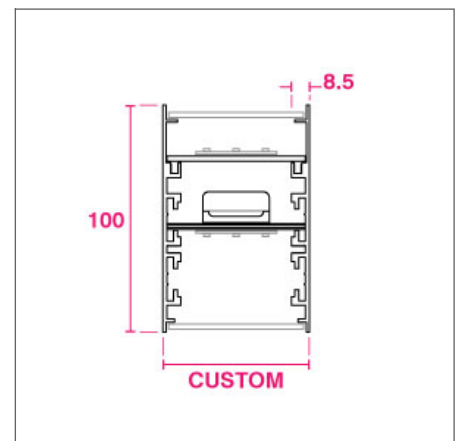
PRODUCT OPTIONS			
Dimensions (mm):	65, 84 or 100 (H) in custom widths and Made-to-Measure lengths		
Cut-out (mm):	65, 84 or 100 (H) in custom widths and Made-to-Measure lengths		
Weight (kg):	approx 3.0 kg per Metre (varies)		
Lifetime:	50,000 hrs		
Mounting type:	Recessed, Surface, Suspended, Wall Mounted		
Finish:	White (RAL9016), White (RAL9010), Black, Anodised Aluminium		
Emergency:	DALI or Standard 3 hour emergency conversion (30% driver output)		
Operating voltage:	230V		
IP Rating:	IP20		
Light source:	Philips High Efficiency LED [HE]	Philips High Output LED [HO]	
Source Lumens/M:	2275 [4000K]	3850 [4000K]	
Delivered Lumens/M:	1690 [MPO]	1446 [OPAL]	2861 [MPO] 2447 [OPAL]
Power Watts/M:	12.6	21.0	
Driver:	Fixed Output, DALI Dimmable, Casambi control		
Colour temperature:	3000K, 4000K		
Diffuser:	OPAL (LOR 63.55%), MPO (LOR 74.3%)		
CRI:	80+		
Optional Extras: <i>(On request, Lead times will be affected)</i>	Integrated Downlights, CRI90+, Tuneable White, RGB, RGBW, 2700K, 3500K, 5000K, 6000K LED, PIR/Daylight sensors, IP rated up to IP65, alternative finishes.		



DIRECT CROSS-SECTION (MM)



DIRECT CROSS-SECTION (MM)



DIRECT-INDIRECT CROSS-SECTION (MM)

### CUSTOM LIGHT SOURCES FOR MADE-TO-MEASURE LIGHT-BOXES, SHAPES AND LINEAR SOLUTIONS

Light Source	LED Source Output*	Additional Information
Fortimo LED Square [HE]	1250lm / 7.0W	248 x 260mm area per board
Fortimo LED Square [HO]	2500lm / 13.9W	521 x 260mm area per board
Opteline Board 24V LED	1582lm/M / 15.2W/M	50mm cut-points
Helvar Tuneable White LED	4165lm/M / 21.7W/M	2700K to 6500K
LEE Tuneable White LED	1887lm/M / 10.5W/M	2700K to 5700K
RGB 24V LED Tape	470lm/M / 15W/M	62.5mm cut-points
RGBW 24V LED Tape	750lm/M / 30.8W/M	62.5mm cut-points
Mini Fixed Downlight Ø52	105lm / 4.5W	20°, 38°, 60° beam angles
Integrated 230V Track	See spotlight range online	1-circuit or 3-circuit DALI

\* Source lumens output at 4000K. Custom options affect price & lead time. We have 60+ years experience in bespoke/made-to-measure lighting, so if what you want is not listed, please enquire.



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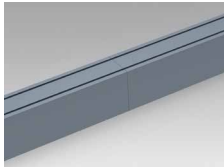
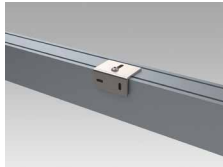
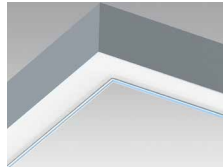
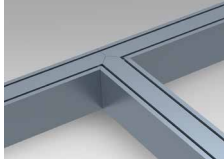





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**QUAD SIDEWALL COMPONENTS**

	<p><b>MECHANICAL COUPLER</b> Flush connections between modules.</p>		<p><b>CORNICE SUPPORT</b> Fixing bracket for wall mounting the profile.</p>		<p><b>MITRED CORNER</b> Let continuous light turn corners between 81° and 180°.</p>
	<p><b>MITRED T-JUNCTION</b> Join more than one linear lighting section.</p>		<p><b>CHANGE-OF-PLANE</b> Continuous lighting from ceiling to wall.</p>		<p><b>RGB LIGHTING</b> 24V RGB LED lighting options available.</p>
	<p><b>INTEGRATED DOWNLIGHTS</b> Fixed miniature downlights.</p>		<p><b>AREA-LIT SHAPES</b> Construct custom shapes with seamless edge-to-edge lighting.</p>		<p><b>PIR SENSOR</b> Miniature Passive Infrared sensor for motion detection.</p>

**INTEGRATED EMERGENCY CONVERSIONS**



The integrated Emergency conversion (Standard/DALI) will run the driver at 30% output for 3-hours. The converted drivers output is shared equally across each connected board, illuminating the entire length in emergency mode. This improves uniformity to comply with emergency regulations.

A maximum of 10 boards (2810mm module) can be connected to one emergency conversion kit. Longer lengths will require multiple emergency conversions.

Module lengths	Medium Power Emergency*	High Power Emergency*
850mm	99.45lm	168.3lm
1130mm	99.45lm	168.3lm
1410mm	99.45lm	168.3lm
1690mm	99.45lm	168.3lm
1970mm	99.45lm	168.3lm
2250mm	99.45lm	168.3lm
2530mm	99.45lm	168.3lm
2810mm	99.45lm	168.3lm



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## QUAD SIDEWALL SPECIFICATION CODE

AAAA - BB/C/D/E - F/GGG - HHHH/I								
AAAA PRODUCT ID	BB MOUNTING	C FINISH	D DRIVER	E DIFFUSER	F DIRECT LED	GGG CRI/ COLOUR	HHH LENGTH (mm)	I EMERGENCY
QC65	RT	B	F	O	E	827	0870	E
QC84	SM	W	D	M	O	830	1150	DE
QC10	SP	WW	C	X*	T	840	1430	
	WM	A	X*		X*	8TW	1710	
		X*				8RW	1990	
						X*	2270	
							2550	
							2830	
							X*	

**PRODUCT ID** 'QC65' Quad Curve/Sidewall 65, 'QC84' Quad Curve/Sidewall 84, 'QC10' Quad Curve/Sidewall 100  
**MOUNTING** 'RT' Recessed Trimless, 'SM' Surface Mounted, 'SP' Suspended Parallel, 'WM' Wall Mounted  
**FINISH** 'B' Matt Black, 'W' White RAL 9016, 'WW' White RAL 9010, 'A' Anodised Aluminium, 'X\*' Custom Finish  
**DRIVER** 'F' Fixed Output, 'D' DALI, 'C' Casambi control, 'X\*' Custom control solution  
**DIFFUSER** 'O' Opal, 'M' MPO, 'X\*' Custom diffuser  
**DIRECT LED** 'E' High Efficiency 650lm boards, 'O' High Output 1100lm boards, 'T' Tuneable White LED, 'X\*' Custom LED  
**CRI / COLOUR** '827' CRI 80+ Colour 2700K, '830' CRI 80+ Colour 3000K, '840' CRI 80+ Colour 4000K, '8TW' CRI 80+ Tuneable White 2700K-6500K, '8RW' CRI 80+ RGBW LED, 'X\*' Custom LED  
**LENGTH** Modular lengths in millimetres, 'X\*' Specify custom length  
**EMERGENCY** 'E' Standard Integrated Emergency, 'DE' DALI Integrated Emergency

\*For all custom options, specify details alongside code. I.e: 'BRONZE Finish', 'DMX Driver', 'RGBW LED', etc.

### STANDARD

Standard fixed option products for quick and easy specification. Point source LED and Linear LED solutions, organised into Track & Spots, Downlights, Recessed, Surface, Suspended and Wall mounted solutions.

### MADE-TO-MEASURE

Versatile systems and luminaires with custom specifications for project-specific lighting. Available in custom sizes and lengths, with many options including curves, corners, finishes, integrated accessories and more.

### BESPOKE

Bespoke luminaires demonstrating completely custom project solutions, designed with the clients from concept to delivery. Learn about the design process and inspire your next bespoke lighting project.



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