

Sub Space

P&A/Projects



Sub Space

Sub Space from P&A Projects offers a comprehensive range of linear LED lighting solutions to suit wide and varied applications.

UK designed and manufactured aluminium extrusions in a selection of sizes and fixing types including Suspended, Surface and Recessed. Each version available as individual luminaires or as system fittings to create extended linear runs and complex features including custom corners and joints available in almost any configuration to suit most requirements.

Three standard widths are available to give maximum flexibility for your project; 50mm, 70mm and 90mm, each just 85mm deep, recessed versions sit just 80mm into the ceiling/wall void. Opal & Micro Prismatic UGR <19 diffuser options all from extruded polycarbonate.

A custom trimless extrusion is available to suit all width options to provide a modern discrete lighting solution into plasterboard ceilings. Utilising state of the art high efficacy LED light engines and drivers allowing designers to create aesthetically modern lighting schemes with market leading energy efficiency.



The Systems

Sub Space: 50

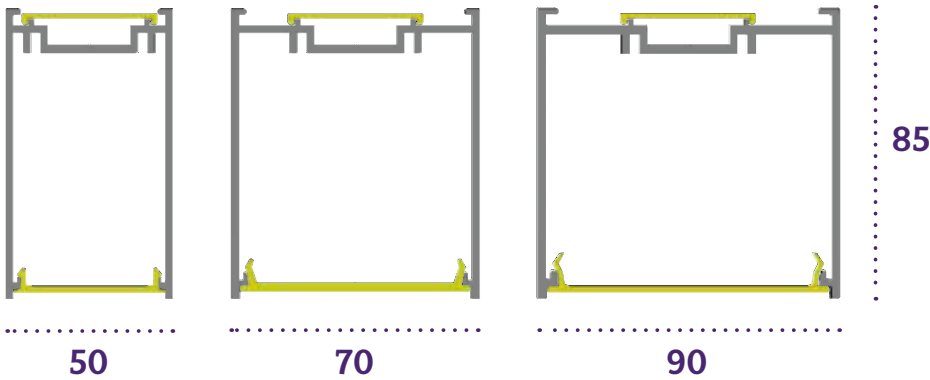
Sub Space: 70

Sub Space: 90

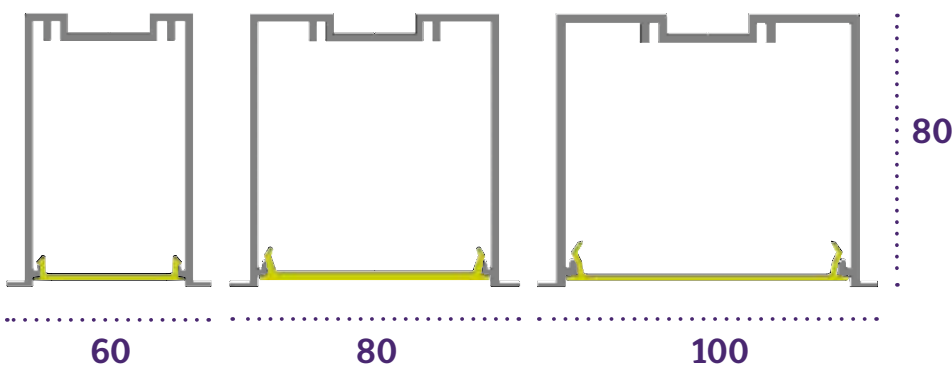


Suspended dimensions

Recessed



Recessed dimensions



End cap detail



Trimless bezel



Suspension kit



Recessed fixing bracket



Indirect lighting detail



Opal & Microprism
(UGR19) diffusers



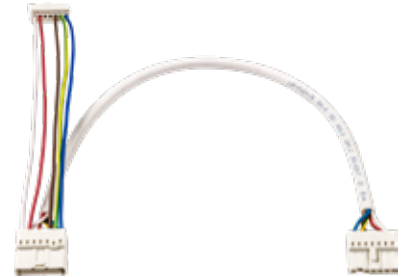
Joint kit



Surface mount kit



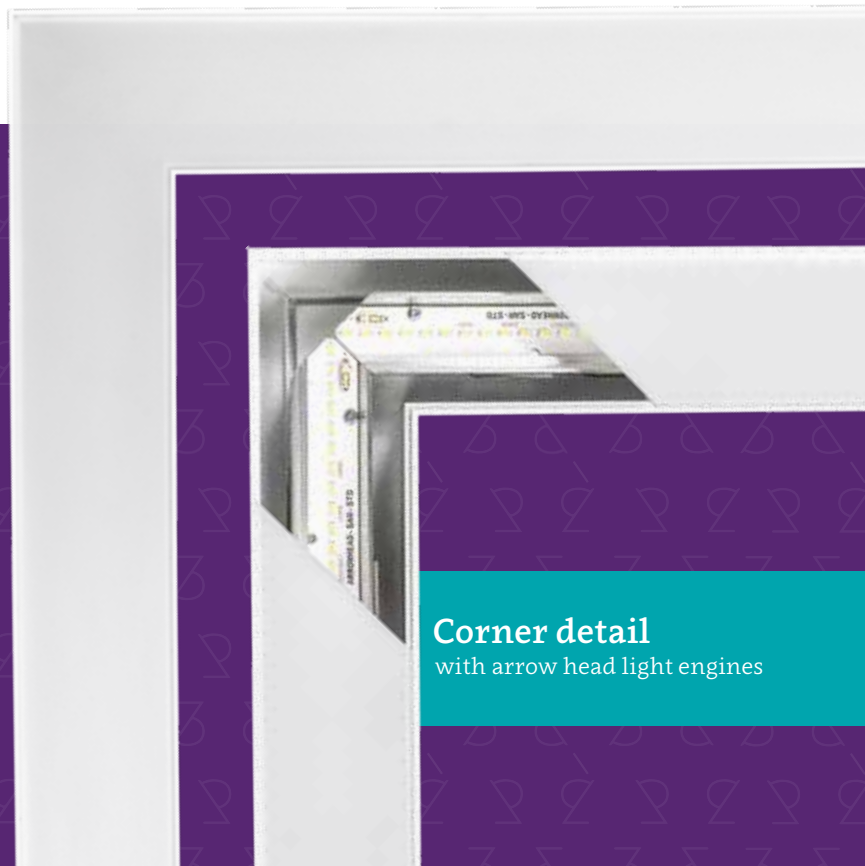
Through wiring



Available in:

White, Black & Silver
as standard

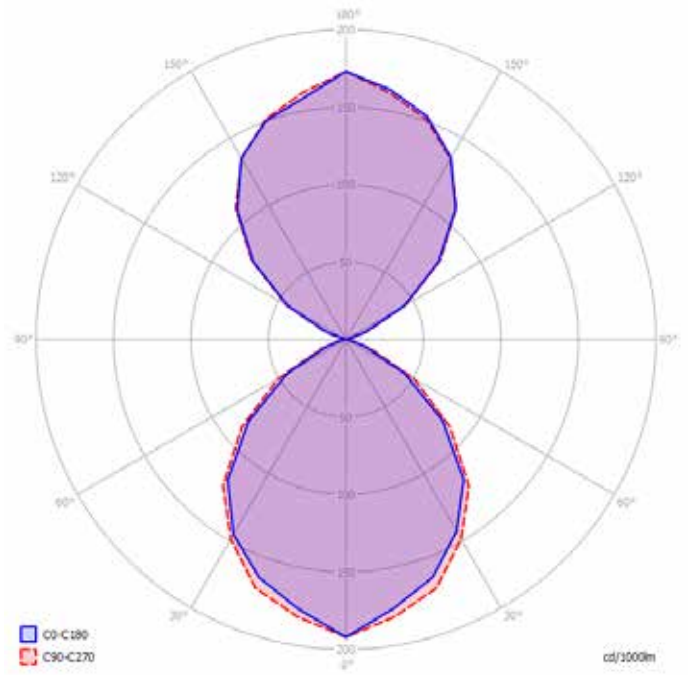
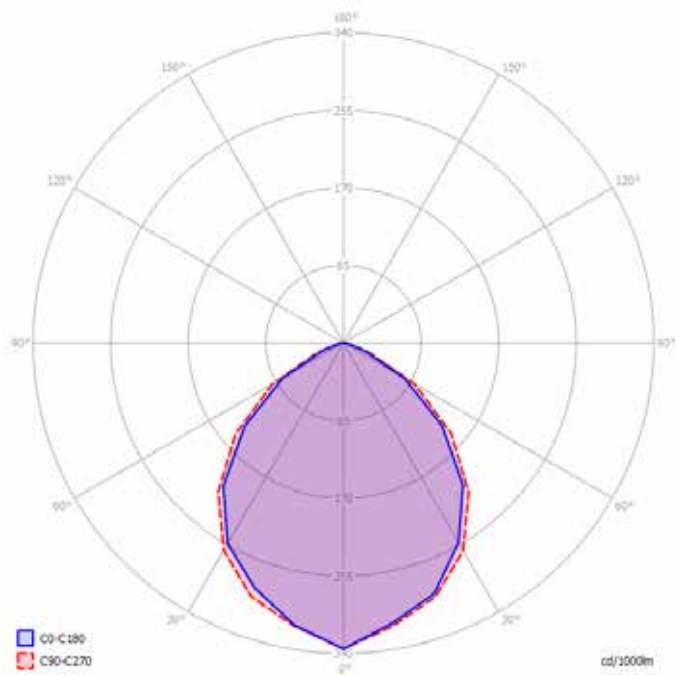
Other RAL options
available upon
request.



Corner detail
with arrow head light engines



Polar curve graphs



How to specify

PRODUCT	APPLICATION	LENGTH	COLOUR TEMP	DIMMING	Direct / Indirect	OPTIC	EMERGENCY
SS50	WS (Suspended)	From 1150 MM	3K (Warm White)	FO (Fixed Output)	D (Direct Only)	OP (OPAL)	EM3 (Standard)
SS70	SF (Surface)	in 140mm	4K (Neutral White)	A1 (DALI)	DI (Direct/ Indirect)	MP (MicroPrism)	EMS (Self test)
SS90	R (Recessed)	Increments	5.7K (Cool White)	A2 (DSI)			EMD (Dali)
	TL (Trimless)			A3 (Switch DIM)			
				A4 (1-10v)			

ORDER CODES



Sub Space 50-Suspended-1710mm-4000k-DALI-Direct/Indirect-Opal-3hr Maintained Emergency

Sub Space 50

DIRECT Illumination

1150mm 4000k				1430mm 4000k				2410mm 4000k				
Opal - OP		Microprism - MPP		Opal - OP		Microprism - MPP		Opal - OP		Microprism - MPP		
250mA	400Ma	250mA	400Ma	250mA	400Ma	250mA	400Ma	250mA	400Ma	250mA	400Ma	
Luminaire Lumens - Llm	2081	3330	2081	3330	2605	4169	2605	4169	4424	7078	4424	7078
Circuit Watts - Ctt/W	19	31	19	31	24	39	24	39	41	66	41	66
Llm / Ctt/W	110	107	110	107	109	107	109	107	108	107	108	107
Ra	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
Chromacity Tolerance (initial McAdam)	2	2	2	2	2	2	2	2	2	2	2	2
Lifetime L90 B10 @ 25°C	55k	55k	55k	55k	55k	55k	55k	55k	55k	55k	55k	55k

DIRECT/INDIRECT Illumination

Luminaire Lumens - Llm	3959	6334	3959	6334	5088	8141	5088	8141	8762	14019	8762	14019
Circuit Watts - Ctt/W	34	54	34	54	44	70	44	70	75	120	75	120
Llm / Ctt/W	116	117	116	117	116	116	116	116	117	117	117	117
Direct/Indirect ratio %	50:50	50:50	50:50	50:50	50:50	50:50	50:50	50:50	50:50	50:50	50:50	50:50
Ra	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
Chromacity Tolerance (initial McAdam)	2	2	2	2	2	2	2	2	2	2	2	2
Lifetime L90 B10 @ 25°C	55k	55k	55k	55k	55k	55k	55k	55k	55k	55k	55k	55k

Sub Space 70

DIRECT Illumination

1150mm 4000k				1430mm 4000k				2410mm 4000k				
Opal - OP		Microprism - MPP		Opal - OP		Microprism - MPP		Opal - OP		Microprism - MPP		
250mA	400Ma	250mA	400Ma	250mA	400Ma	250mA	400Ma	250mA	400Ma	250mA	400Ma	
Luminaire Lumens - Llm	2200	3520	2200	3520	2754	4407	2754	4407	4677	7483	4677	7483
Circuit Watts - Ctt/W	19	31	19	31	24	39	24	39	41	66	41	66
Llm / Ctt/W	116	114	116	114	115	113	115	113	114	113	114	113
Ra	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
Chromacity Tolerance (initial McAdam)	2	2	2	2	2	2	2	2	2	2	2	2
Lifetime L90 B10 @ 25°C	55k	55k	55k	55k	55k	55k	55k	55k	55k	55k	55k	55k

DIRECT/INDIRECT Illumination

Luminaire Lumens - Llm	3855	6167	4063	6501	4954	7927	5222	8355	8531	13650	8993	14388
Circuit Watts - Ctt/W	34	54	34	54	44	70	44	70	75	120	75	120
Llm / Ctt/W	113	114	120	120	113	113	119	119	114	114	120	120
Direct/Indirect ratio %	50:50	50:50	50:50	50:50	50:50	50:50	50:50	50:50	50:50	50:50	50:50	50:50
Ra	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
Chromacity Tolerance (initial McAdam)	2	2	2	2	2	2	2	2	2	2	2	2
Lifetime L90 B10 @ 25°C	55k	55k	55k	55k	55k	55k	55k	55k	55k	55k	55k	55k

Sub Space 90

DIRECT Illumination

1150mm 4000k				1430mm 4000k				2410mm 4000k				
Opal - OP		Microprism - MPP		Opal - OP		Microprism - MPP		Opal - OP		Microprism - MPP		
250mA	400Ma	250mA	400Ma	250mA	400Ma	250mA	400Ma	250mA	400Ma	250mA	400Ma	
Luminaire Lumens - Llm	2289	3663	2230	3568	2866	4585	2792	4466	4866	7786	4740	7584
Circuit Watts - Ctt/W	19	31	19	31	24	39	24	39	41	66	41	66
Llm / Ctt/W	120	118	117	115	119	118	116	115	119	118	116	115
Ra	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
Chromacity Tolerance (initial McAdam)	2	2	2	2	2	2	2	2	2	2	2	2
Lifetime L90 B10 @ 25°C	55k	55k	55k	55k	55k	55k	55k	55k	55k	55k	55k	55k

DIRECT/INDIRECT Illumination

Luminaire Lumens - Llm	3907	6251	4115	6584	5021	8034	5289	8462	8647	13835	9108	14572
Circuit Watts - Ctt/W	34	54	34	54	44	70	44	70	75	120	75	120
Llm / Ctt/W	115	116	121	122	114	115	120	121	115	115	121	121
Direct/Indirect ratio %	50:50	50:50	50:50	50:50	50:50	50:50	50:50	50:50	50:50	50:50	50:50	50:50
Ra	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80	>80
Chromacity Tolerance (initial McAdam)	2	2	2	2	2	2	2	2	2	2	2	2
Lifetime L90 B10 @ 25°C	55k	55k	55k	55k	55k	55k	55k	55k	55k	55k	55k	55k

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Manufactured in the UK



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