



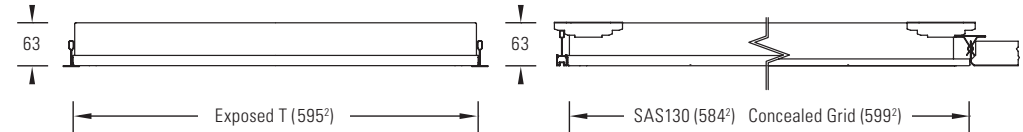
Optional Built-In Sensor



BCR LED

A family of 600x600 backlit panels with a choice of opalised, or opalised microprismatic diffusers, suitable for exposed T ceilings with fixed output drivers as standard. DALI and Switchdim versions are available, along with manual test, self test and DALI test emergency conversions. Backlit panels give a higher lumen per Watt than edge lit technology. Integral PIR/Daylight linked sensors can help push energy savings further and reduce payback times. Microprismatic diffuser option gives a luminance of just over 2000cd/m² at 65° cut off, meeting the current LG7 guide for cut off of 3000cd/m².

- Back lit panel gives higher lumen per watt compared to edge lit panels.
- Opalised and opalised microprismatic diffuser options available.
- Microprismatic ideal for use in office areas.
- Nominal lumen outputs are shown in the tables, but alternative preset outputs are available in the range 2500-5800 lumens.
- All output options of microprismatic will comply with maximum luminance of 3000cd/m² at 65°.
- Available with fixed output, DALI, DSI or Switchdim drivers.
- Available with integral PIR/Daylight sensor. See notes under part number table to specify.
- Standard, self test and DALI reporting 3 hour maintained emergency conversions are available.
- Colour temperature – available in 3000K and 4000K versions.
- CRI 80 as standard, CRI 90 available on request.
- Finished white (RAL9010) as standard, other colours available on request.
- Predicted lifetime > 50,000 hours.
- No ultra violet or infra-red emissions.
- Photometric data available in Eulumdat format on request or via Relux website.
- Standard ITAB Prolight LED warranty.



Catalogue No.	Overall Dims (mm)	Ceiling Type	LED Flux (Lumen)	Luminaire Flux (Lumen)	LED Wattage	Total System Wattage	Luminaire Lumens / Circuit Watt	Colour Temp	Weight (Kg)
600 x 600									
BCR/66/F/48/84/EXT/OP	595x595	Exposed T	4800	3730	28.0	32	117	4000K	5.4
BCR/66/F/48/84/PB/OP	620x620	Plasterboard	4800	3730	28.0	32	117	4000K	4.5
BCR/66/F/48/84/CXB/OP	599x599	Concealed grid	4800	3730	28.0	32	117	4000K	6.0
BCR/66/F/48/84/ALU/OP	584x584	Alugrid	4800	3730	28.0	32	117	4000K	5.4
BCR/66/F/32/84/EXT/OP	595x595	Exposed T	3200	2486	18.5	21	118	4000K	5.4
BCR/66/F/32/84/PB/OP	620x620	Plasterboard	3200	2486	18.5	21	118	4000K	4.5
BCR/66/F/32/84/CXB/OP	599x599	Concealed grid	3200	2486	18.5	21	118	4000K	6.0
BCR/66/F/32/84/ALU/OP	584x584	Alugrid	3200	2486	18.5	21	118	4000K	5.4
500 x 500									
BCR/55/F/42/83/ALU/OP	484x484	Alugrid	4200	3263	32.0	36	89	4000K	4.4
BCR/55/F/42/84/ALU/OP	484x484	Alugrid	4200	3263	29.0	33	99	4000K	4.4
300 x 300									
BCR/33/F/24/83/PB/OP	305x305	Plasterboard	2500	1943	18.5	21	92	4000K	2.0
BCR/33/F/24/84/PB/OP	305x305	Plasterboard	2500	1943	16.5	19	103	4000K	2.0

Colour Temperature: To specify 3000K colour temperature, replace '84' in the catalogue number with '83': e.g. BCR/66/F/48/83/PB/OP
Diffuser Option: To specify Opalised Microprismatic underside, add 'MP' to the end of the catalogue number: e.g. BCR/66/F/48/84/PB/OPMP
 For Microprismatic underside only, replace 'OP' in the catalogue number with 'MP': e.g. BCR/66/F/48/84/PB/MP
PIR / Photocell: To add a sensor, add 'PC' to the catalogue number: e.g. BCR/66/F/48/84/EXT/OP/PC. Fixed output luminaires will be supplied with switched PIRs. DALI luminaires will be supplied with combined PIR & Photocells.