



NICHE LED

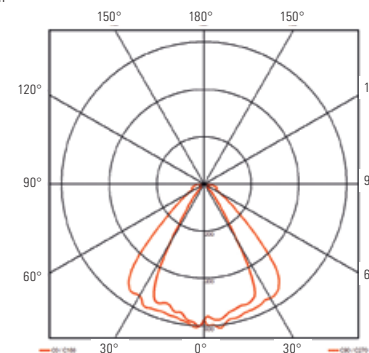
An unobtrusive family of slimline recessed linear luminaires with a variety of highly efficient optics. Ideal for display and downlight applications.

Lumen packages available up to 2000 lumens per 280mm, with fixed output, switchdim, DSI or DALI control. Emergency packs complete the range.

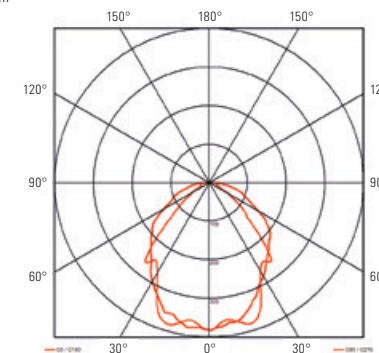
Asymmetric emergency versions can help comply to BS5266-1:2016 requirements for 15 lux on fire alarm control equipment. See separate sheet for details.

- Efficiencies in excess of 130 luminaire lumens per circuit Watt.
- Can achieve 15 lux on vertical plane in emergency situation – please contact sales for more information.
- Unobtrusive luminaire.
- Ideal for use in display and downlighting areas.
- IP 20 rated.
- Nominal lumen outputs are shown in the tables, but alternative preset outputs are available in the range 400-2000 lumens per 300mm.
- Available in different sizes – nominally 300/600/900/1200mm.
- Available with beam angles of 60°, 90°, asymmetric, double asymmetric and ultra wide.
- Available with fixed output, DALI, DSI or Switchdim drivers.
- 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 (see page 193).

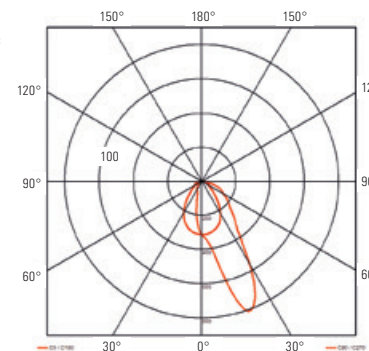
60° Beam



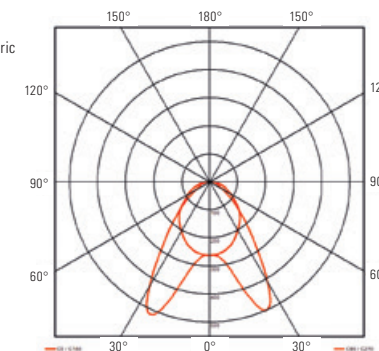
90° Beam

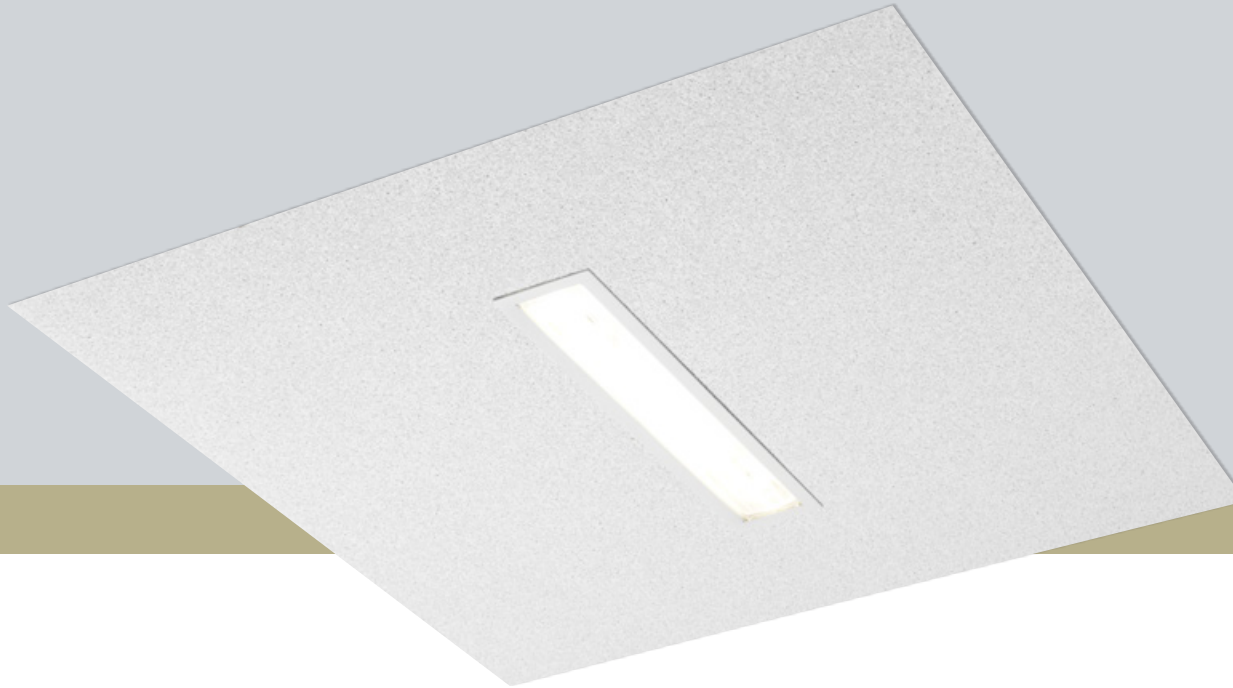


Asymmetric Beam



Double Asymmetric Beam





Catalogue No.	Nominal Length (mm)	Beam Angle	LED Flux	Luminaire Flux	LED Wattage	Total System Wattage	Luminaire Lumens / Circuit Watt	Colour Temp	CRI
NCH/03/F/11/4K8/60	300	60°	1100	935	6.2	7.5	125	4000K	80
NCH/06/F/22/4K8/60	600	60°	2200	1870	12.0	14.6	128	4000K	80
NCH/09/F/33/4K8/60	900	60°	3300	2805	19.0	21.5	130	4000K	80
NCH/12/F/44/4K8/60	1200	60°	4400	3740	25.0	27.9	134	4000K	80
NCH/03/F/20/4K8/60	300	60°	2000	1700	11.7	13.7	124	4000K	80
NCH/06/F/40/4K8/60	600	60°	4000	3400	23.3	26.8	127	4000K	80
NCH/09/F/60/4K8/60	900	60°	6000	5100	35.0	39.6	129	4000K	80
NCH/12/F/80/4K8/60	1200	60°	8000	6800	46.6	51.7	131	4000K	80

Beam Angle: For an alternative angle replace '60°' in the catalogue number with: '90°' = 90° / 'A' = asymmetric /

'DA' = double asymmetric / 'UW' = Ultra Wide: e.g. NCH/06/F/22/4K8/DA

Colour Temperature: For colour 3000 Kelvin, replace '4K' in the catalogue number with '3K': e.g. NCH/03/F/33/3K8/UW

Dimmable Drivers: To specify DALI driver, replace 'F' in the catalogue number with 'X': e.g. NCH/03/X/33/4K8/UW

To specify DALI driver wired for Switchdim operation, replace 'F' in the catalogue number with 'S': e.g. NCH/03/S/33/4K8/UW

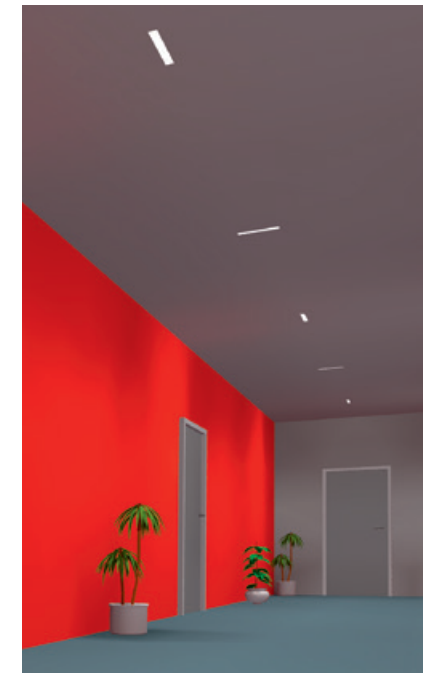
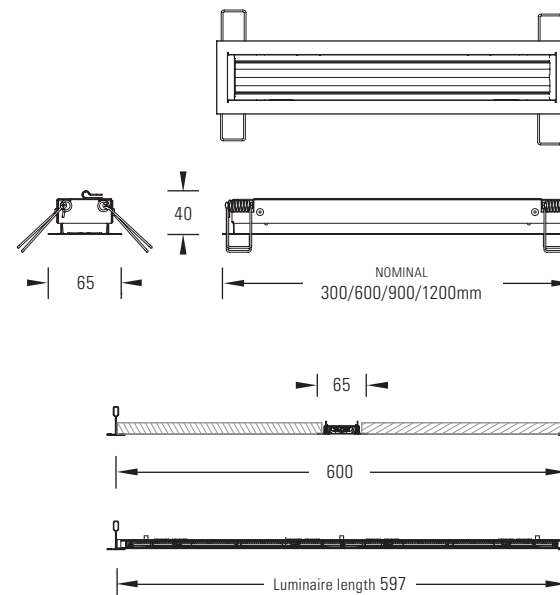
Emergency Conversion: To specify 3 hour maintained emergency packs, add 'E' to catalogue number: e.g. NCH/03/F/33E/4K8/UW

Self Test Emergency Conversion: To specify 3 hour maintained self test emergency packs, add 'ES' to catalogue number:

e.g. NCH/03/F/33ES/4K8/UW

DALI Test Emergency Conversion: To specify 3 hour maintained DALI test emergency packs, add 'ED' to catalogue number:

e.g. NCH/03/F/33ED/4K8/UW



Linear arrangements can be made to add interest to a space over traditional circular downlights.