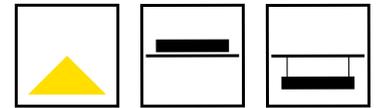




KENO

MADE-TO-MEASURE



KEY FEATURES

- Recessed, Recessed Trimless or Suspended profile
- Linear downlighting systems in varied widths, made-to-measure lengths and custom curves
- Direct downlights with PHILIPS or Xicato LED, Linear lighting modules and integrated Tracks & Spotlights
- Fixed Output, 1-10V dimmable, DALI 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 139 LL/CW



XICATO PHILIPS CASAMBI

**60 YEARS
IN LIGHT**

CALL: +44 (0) 1235 55 37 69
EMAIL: sales@optelma.co.uk
ISSUE DATE: 21/01/20

HEAD OFFICE
The Science Park
Abingdon
Oxfordshire OX14 3YT
United Kingdom

SHOWROOM
23 Bowling Green Lane
Clerkenwell
London EC1R 0BD
United Kingdom

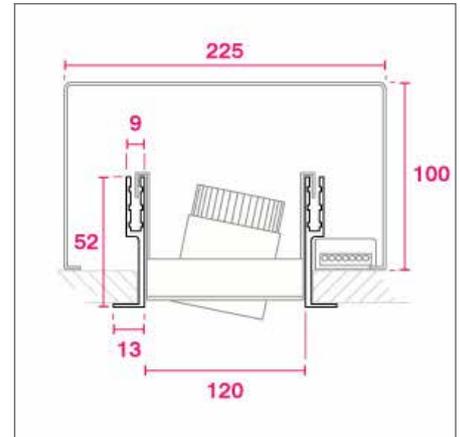
FRANCE
28 Rue Charles
Baudelaire
75012 Paris
France

SWITZERLAND
St. Urbangasse 53
Postfach 1738
CH-4502 Solothurn
Switzerland

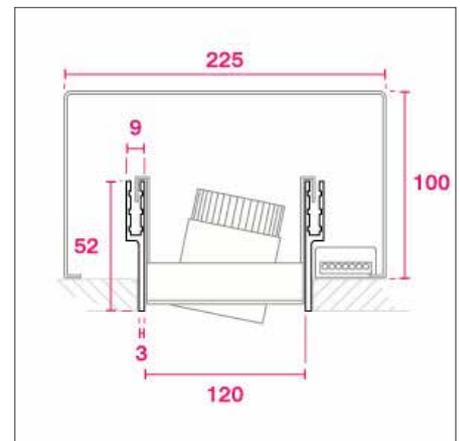
KENO SPECIFICATIONS

PRODUCT OPTIONS				
Dimensions (mm):	13 (W) x 52 (H) x Made-to-Measure lengths or Curves*			
Cut-out (mm):	120 (W) x 100 (H) x Made-to-Measure lengths or Curves*			
Weight (kg):	approx 2.2 kg per Metre (varies)			
Lifetime:	50,000 hrs			
Mounting type:	Recessed, Recessed Trimless, Suspended			
Finish:	Matt White, Matt Black, Anodised Aluminium			
Emergency:	DALI or Standard 3 hour emergency conversions			
Operating voltage:	230V			
IP Rating:	IP20			
Linear 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, 1-10V, DALI Dimmable, Casambi control			
Colour temperature:	3000K, 4000K			
Diffuser:	OPAL (LOR 63.55%), MPO (LOR 74.3%)			
CRI:	80+			
Optional Extras: (On request, Lead times will be affected)	Integrated Downlights, Backlit ceiling void, CRI90+, Tuneable White, RGB, RGBW, 2700K, 3500K, 5000K, 6000K LED, PIR/Daylight sensors, IP rated up to IP65, alternative finishes.			

* A tight radius will limit LED source compatibility. Edge-lit solutions offer tighter bending radii.



RECESSED CROSS-SECTION (MM)

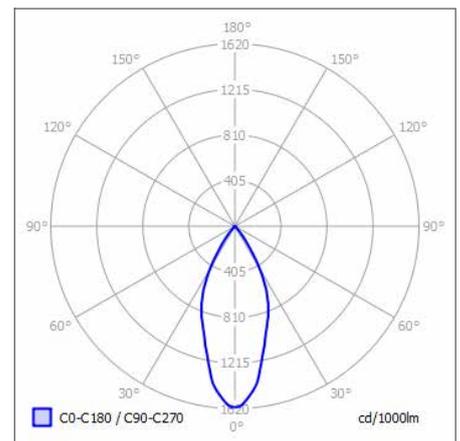


RECESSED TRIMLESS CROSS-SECTION (MM)

CUSTOMISE YOUR LIGHTING SPECIFICATIONS WITH DOWNLIGHTS, CONTINUOUS LINEAR LED AND MORE

Light Source	LED Source Output*	Additional Information
1 x Xicato LED Downlight	1300lm / 13.3W	Ø90 x 125mm (H) CRI95+
1 x Xicato LED Downlight	2000lm / 20.0W	Ø90 x 155mm (H) CRI95+
1 x Xicato LED Downlight	3000lm / 30.5W	Ø90 x 158mm (H) CRI95+
1 x Philips LED Downlight	1653lm / 11.4W	Ø90 x 125mm (H) CRI90+
1 x Philips LED Downlight	2298lm / 16.5W	Ø90 x 155mm (H) CRI90+
1 x Philips LED Downlight	3095lm / 23.7W	Ø90 x 158mm (H) CRI90+
High Efficiency Linear LED	2275lm/M / 12.6W/M	285mm board lengths
High Output Linear LED	3850lm/M / 21.0W/M	285mm board lengths
Helvar Tuneable White LED	4165lm/M / 21.7W/M	2700-6500K 285mm boards
RGBW 24V LED back-lighting	<724lm/M / 38.4W/M	(twin-line) in FIRO heatsink
Integrated 230V Track & Spot	1300-3095lm / 11.4-30.5W	Range of spots online

* 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.



POLAR CURVE 4000K LED 40°

**60 YEARS
IN LIGHT**

CALL: +44 (0) 1235 55 37 69
EMAIL: sales@optelma.co.uk
ISSUE DATE: 21/01/20

HEAD OFFICE

The Science Park
Abingdon
Oxfordshire OX14 3YT
United Kingdom

SHOWROOM

23 Bowling Green Lane
Clerkenwell
London EC1R 0BD
United Kingdom

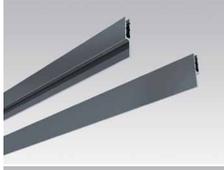
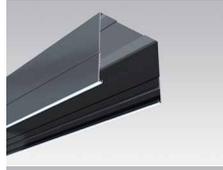
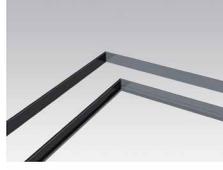
FRANCE

28 Rue Charles
Baudelaire
75012 Paris
France

SWITZERLAND

St. Urbangasse 53
Postfach 1738
CH-4502 Solothurn
Switzerland

KENO COMPONENTS

	<p>MATT WHITE Powder-coated Matt White RAL 9016 painted finish.</p>		<p>MATT BLACK Powder-coated Matt Black RAL 9005 painted finish.</p>		<p>ANODISED ALUMINIUM Satin anodised finish (10 microns).</p>
	<p>TRIMLESS PROFILE Extruded Anodised Aluminium Profile</p>		<p>TRIMMED PROFILE Extruded Anodised Aluminium Profile</p>		<p>BACK BOX Folded aluminium linear back-box.</p>
	<p>MITRED END SECTION Neat mitred end with or without trim.</p>		<p>CURVED KENO PROFILE Customisable curved profile sections.</p>		<p>MITRED CORNER Let continuous light turn corners between 81° and 180°.</p>
	<p>XICATO XTM LED The Xicato Artist LED range, CRI 95.</p>		<p>PHILIPS SLM LED The Philips Fortimo LED range, CRI 90.</p>		<p>PREMIUM DRIVERS Fixed Output, 1-10V and DALI drivers.</p>
	<p>ANTI-GLARE ACCESSORIES Clockwise from left; Cone, Ring and Honeycomb filter.</p>		<p>EDGE-LIT LED FOR TIGHTER CURVES To achieve a 350mm min. bending radius utilise edge-lit LED.</p>		<p>SUSPENDED FRAMES Can be suspended to hold downlights in a square/linear frame.</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



60 YEARS IN LIGHT

CALL: +44 (0) 1235 55 37 69
EMAIL: sales@optelma.co.uk
ISSUE DATE: 21/01/20

HEAD OFFICE
The Science Park
Abingdon
Oxfordshire OX14 3YT
United Kingdom

SHOWROOM
23 Bowling Green Lane
Clerkenwell
London EC1R 0BD
United Kingdom

FRANCE
28 Rue Charles
Baudelaire
75012 Paris
France

SWITZERLAND
St. Urbangasse 53
Postfach 1738
CH-4502 Solothurn
Switzerland

KENO SPECIFICATION CODE

AAAA - BB/C/D/E - F/GGG - HHHH/I								
AAAA PRODUCT ID	BB MOUNTING	C FINISH	D DRIVER	E DIFFUSER/ BEAM	F DIRECT LED	GGG CRI/ COLOUR	HHH LENGTH (mm)	I EMERGENCY
KENO	RE RT SU	B W A X*	F 1 D C X*	0 M 1 2 4 6 X*	E O T X*	827 830 840 8TW 8RW X*	XXXX*	E DE

MOUNTING	RE Recessed, RT Recessed Trimless, SU Suspended frame
FINISH	B Matt Black, W Matt White, A Anodised Aluminium, X* Custom Finish
DRIVER	F Fixed Output, 1 1-10V dimmable, D DALI, C Casambi control, X* Custom control solution
DIFFUSER/BEAM	O Opal, M MPO, 1 10° Tight Spot, 2 20° Spot, 4 40° Medium, 6 60° Flood, X* Custom
DIRECT LED	L Low power downlight up to 15W, M Medium power downlight 15W to 20W, H High power downlight above 20W
CRI / COLOUR	E High Efficiency 650lm boards, O High Output 1100lm boards, T Tuneable White LED, X* Custom LED
LENGTH	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
EMERGENCY	Lengths in millimetres, X* Specify custom length
	E Standard Integrated Emergency, DE DALI Integrated Emergency

*For all custom options, specify details alongside code. I.e: **BRONZE Finish**, **DMX Driver**, **Indirect 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.



60 YEARS IN LIGHT

CALL: +44 (0) 1235 55 37 69
EMAIL: sales@optelma.co.uk

ISSUE DATE: 21/01/20

HEAD OFFICE

The Science Park
Abingdon
Oxfordshire OX14 3YT
United Kingdom

SHOWROOM

23 Bowling Green Lane
Clerkenwell
London EC1R 0BD
United Kingdom

FRANCE

28 Rue Charles
Baudelaire
75012 Paris
France

SWITZERLAND

St. Urbangasse 53
Postfach 1738
CH-4502 Solothurn
Switzerland