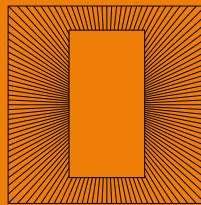


Lightplane Linear Recessed

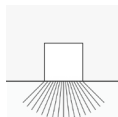
LPLR/LPLRT— LED
86/58 mm x 80 mm



LIGHT FORMS

Linear

Recessed



Features

Individual Fixture,
Continuous Run or
Configured Shape

Direct Distribution

Up to 4000 lm/m and
115 lm/W

Four Standard Output
Options

Tunable White, Low-Glare
and RGB+W Options

Integral Control Gear

Dimming Down to 0%

Appropriate product for
WELL compliant designs

Integral Sensor Options

Aluminium, White, Black,
Bronze or Custom RAL
Finish

Photometry and additional documentation at:
LightForms.com/products/linear/lightplane-linear-recessed/

Lightplane Linear Recessed

LIGHT FORMS

LPLR/LPLRT — Recessed

INSTRUCTIONS

Digital users: Check selection boxes and fill in fields directly in fillable, interactive PDF, save file, submit to Light Forms.

Manual users: Check selection boxes and fill in fields with pen, scan and save ALL pages as PDF document, submit to Light Forms.

1 **Base model / mounting** Select ONE

- LPLR Recessed-Trimless
- LPLRT Recessed- With Trim

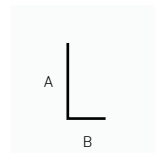
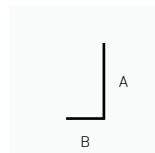
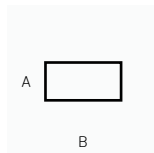
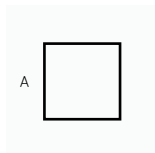
2 **Size*** Select ONE (linear or shape) and enter required length(s) in metres, ex: STR/20.5, US/9/7/6.5

Individual or continuous run

Linear Length A
 STR Straight

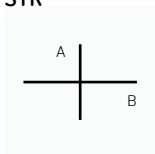
Configuration

Shape		Length A	Length B	Length C
SQ	Square	<input style="width: 60px;" type="text"/>		
REC	Rectangle	<input style="width: 60px;" type="text"/>	<input style="width: 60px;" type="text"/>	
LL	L - Left	<input style="width: 60px;" type="text"/>	<input style="width: 60px;" type="text"/>	
LR	L - Right	<input style="width: 60px;" type="text"/>	<input style="width: 60px;" type="text"/>	
CX	Cross	<input style="width: 60px;" type="text"/>	<input style="width: 60px;" type="text"/>	
TEE	T-Shape	<input style="width: 60px;" type="text"/>	<input style="width: 60px;" type="text"/>	
US	U-Shape	<input style="width: 60px;" type="text"/>	<input style="width: 60px;" type="text"/>	<input style="width: 60px;" type="text"/>
ZL	Zed - Left	<input style="width: 60px;" type="text"/>	<input style="width: 60px;" type="text"/>	<input style="width: 60px;" type="text"/>
ZR	Zed - Right	<input style="width: 60px;" type="text"/>	<input style="width: 60px;" type="text"/>	<input style="width: 60px;" type="text"/>



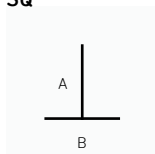
Straight

STR



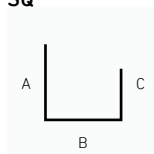
Square

SQ



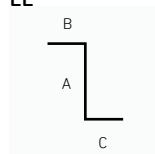
Rectangle

SQ



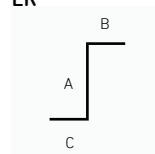
L-Left

LL



L-Right

LR



Cross

CX

T-Shape

TEE

U-Shape

US

Zed Left

ZL

Zed Right

ZR

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Page 2

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Lightplane Linear Recessed

LIGHT FORMS

LPLR/LPLRT— Recessed

3 Direct linear lampping & lens Select ONE from EVERY category (note exceptions below)

Distribution	Output	CRI	CCT	Lens	
<input type="checkbox"/> DIRECT	<input type="checkbox"/> MIN	<input type="checkbox"/> 80	<input type="checkbox"/> 2700K	<input type="checkbox"/> DIFF/F	Diffuse, flush
	<input type="checkbox"/> LOW	<input type="checkbox"/> 90	<input type="checkbox"/> 3000K		
	<input type="checkbox"/> MED		<input type="checkbox"/> 3500K		
	<input type="checkbox"/> HIGH		<input type="checkbox"/> 4000K		
	<input type="checkbox"/> TUNE/LOW*		<input type="checkbox"/> 5000K		
	<input type="checkbox"/> TUNE/MED*		<input type="checkbox"/> 6500K		
	<input type="checkbox"/> RGBW^				
	<input type="checkbox"/> UGR19#				

#UGR19 is a low glare, UGR<19 optics package with low output and prismatic lens. LENS does not apply (leave unchecked). *For TUNE/LOW and

*TUNE/MED, CRI and CCT do not apply (leave unchecked).

^For RGBW, CRI does not apply (leave unchecked) and select 3000K or 4000K CCT only. White LEDs can remain uncommissioned for RGB-only output

4 Integral driver* Select ONE

<input type="checkbox"/> NONDIM	Non-dimmable
<input type="checkbox"/> DALI#	DALI driver, dimming down to 1%
<input type="checkbox"/> 1/10V	1-10V, dimming down to 1%
<input type="checkbox"/> 0/10V	0-10V, dimming down to 0%
<input type="checkbox"/> DMX^	DMX driver, dimming down to 1%
<input type="checkbox"/> PHASE	For use with phase-cut triac, IGBT or sine wave dimmer switches

*Driver selection applies to direct, indirect and/or downlight spots. Contact Light Forms if separate driver types for each are required.

#DALI is required for use with TUNE/LOW and TUNE/MED; DALI (or DMX) is required for RGBW

^DMX (or DALI) is required for use with RGBW

5 Finish* Select ONE

<input type="checkbox"/> AL	Anodised aluminium (standard)
<input type="checkbox"/> WH	White powdercoat
<input type="checkbox"/> BLK	Black powdercoat
<input type="checkbox"/> BZ	Metallic bronze powdercoat
<input type="checkbox"/> RAL/ _____	Custom RAL# colour powdercoat, ex: RAL/3000

*Contact factory for additional finish options including Interpon, Farrow & Ball and silver and gold plating

#See RAL colour options and codes at lightforms.com/products/linear/lightplane-linear-recessed/

Lightplane Linear Recessed

LIGHT FORMS

LPLR/LPLRT — Recessed

6

Optional add-ons

Select as many as apply

A

EMERGENCY

EM

Integral, 3-hour emergency battery, manual testing

EM/DALI

Integral, 3-hour emergency battery with DALI interface, automatic testing

EC

Emergency circuit

B

SENSOR

PRES

Integral, PIR presence detector

DALI/PRES

Integral, DALI-compatible PIR presence detector

PHOTO

Integral, photocell/daylight detector

C

WIRELESS CONTROL

OLP*

Integral, Osram Lightify Pro wireless control module

*Must choose DALI option in DRIVER section.

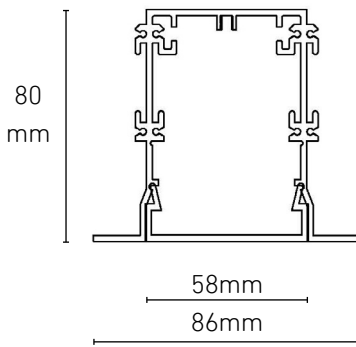
Lightplane Linear Recessed

LIGHT FORMS

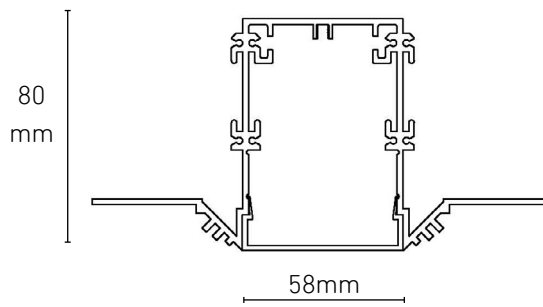
LPLR/LPLRT— Recessed

Dimensions

Direct only

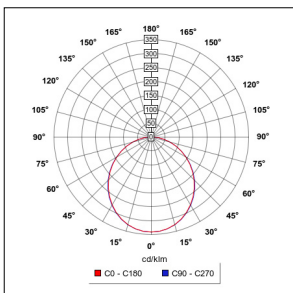


Trim

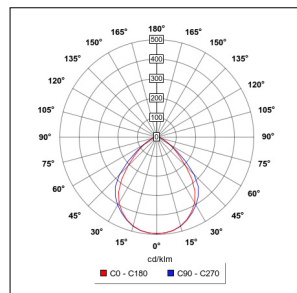


Trimless

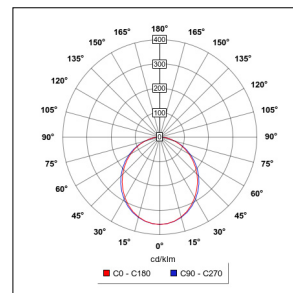
Distribution



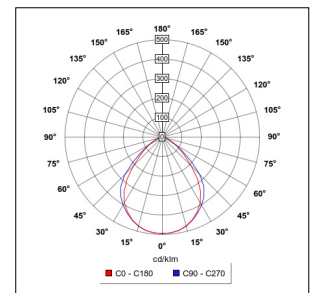
Trim



Trim - UGR 19



Trimless



Trimless UGR 19

Lightplane Linear Recessed

LIGHT FORMS

LPLR/LPLRT — Recessed

Direct linear lamping – options & performance data

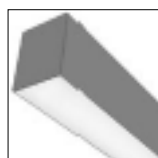
Output Options	Delivered Lumens LM	Watts W	Efficacy LM/W	CRI Options	CCT Options	LENS Options
Min [#]	1081	11.4	95	80 90	2700K 3000K 3500K 4000K 5000K 6500K	DIFF/F
Low [#]	1363	15	91			
Med [#]	2719	28.6	95			
High [#]	4443	59.8	74			
Tune/Low ^{#^}	Tunable White Standard 1307 (at 4000K)	10.5	124	80	2700K-6500K	DIFF/F
Tune/Med ^{#^}	Tunable White High 2380 (at 4000K)	20.2	118	80	2700K-6500K	
RGBW	Colour-Changing RGB+White N/A (entire system)	N/A (entire system)	N/A (entire system)	N/A (entire system)	3000K 4000K	
	845 (white only)	17.4 (white only)	49 (white only)	80 (white only)		

L80 > 50,000 hours
Luminous flux +/- 5%

#Performance data is based on a connected-load photometric test of MED output with 80 CRI at 4000K using a DALI driver and DIFF/D lens. Data values for all other outputs are extrapolations.
^Performance data is extrapolated based on a 4000K setting. Cooler and warmer CCT settings will provide a slight decrease in performance – lower lm/m, higher W/m, and lower lm/W.

LENS options

DIFF is a white satin diffuser lens that produces smooth, even light across the lens surface. UGR19 low-glare lamping comes with a prismatic lens and diffusing LED optic by default to achieve a UGR<19 rating.



Flush
DIFF/F



Prismatic
UGR 19only

Lightplane Linear Recessed

LIGHT FORMS

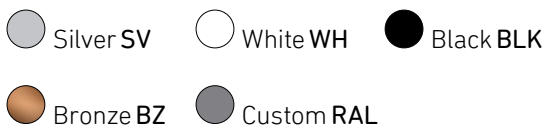
LPLR/LPLRT — Recessed

Housing

100% recyclable, extruded architectural grade aluminium with minimum 2mm thickness.

Finish options

Silver, White, Black, Bronze or custom RAL powdercoat. Contact Light Forms for other finish options (Interpon, Farrow & Ball, and silver and gold plating).



Integral sensors

Optional, presence (PRES), DALI-compatible PIR presence (DALI/PRES) and daylight harvesting (PHOTO) sensors available. Contact Light Forms for further information.



Weight

Approximately 3192 grams per linear metre. Weight will increase with the addition of sensors, and emergency batteries and may vary further depending on mounting and other options.

Operating temperature

Luminaire MUST be installed and operated ONLY in dry or damp environments where the ambient temperature ranges from -20°C to 50°C. Luminaire operation in environments outside this temperature range voids the warranty AND may damage the product or adversely impact lamp life, lumen output and colour consistency.

Warranty

5-year limited warranty.

Manufacturing & certification

Products are manufactured in and comply with the health, safety and environmental protection standards of the respective region in which they are sold.



Europe



United Kingdom



Greater India and Middle East