

Recessed downlight
Downlight para empotrar



Elit

ELIT is the range of high added value recessed downlights by NormaLit. Their design, their features and their wide range make them the ideal downlight for any type of project.

ELIT is the perfect balance between design and technology. Its aluminium body is specifically designed to ensure the temperature of the LED is at an optimum and to achieve the best efficiency and durability. Its distinctive reflector made of technical polycarbonate creates a high quality, uniform light without any spots.

ELIT es la familia de downlights empotrables de alto valor añadido de NormaLit. Su diseño, sus características y su amplitud de catálogo le convierten en el downlight ideal para cualquier tipo de proyecto.

ELIT es el equilibrio perfecto entre diseño y tecnología. Su cuerpo de aluminio está diseñado específicamente para que la temperatura del led sea la óptima y conseguir el mejor rendimiento y durabilidad. Su reflector inconfundible, fabricado en policarbonato técnico, crea una luz de alta calidad, uniforme y sin manchas.



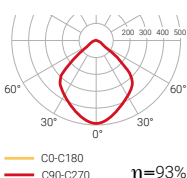
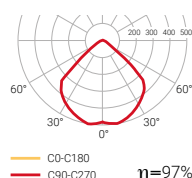
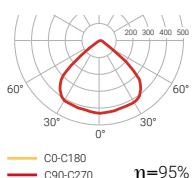
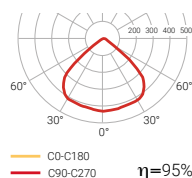
- Low photobiological risk.
- High quality light.
- Low flickering (< 5%).
- Low UGR (< 19).
- Light range from 885-3.350 lumens.
- IP54.

- Bajo riesgo fotobiológico.
- Luz de alta calidad.
- Bajo flickering (< 5%).
- Bajo UGR (<19).
- Rango lumínico de 885-3.350 lúmenes.
- IP54.

 Voltaje Universal 120/277V

-  Without glass
Sin cristal
-  Transparent diffuser
Difusor transparente
-  Opal diffuser
Difusor opal
-  Washer diffuser
Difusor bañador

Equivalent output	Potencia equivalente	Elit (20W hasta 35W)	Elit HR (20W hasta 35W)	Elit Mini (15W)	Elit Micro (10W)
Installation	Instalación	Recessed in the ceiling Empotrado a techo	Recessed in the ceiling Empotrado a techo	Recessed in the ceiling Empotrado a techo	Recessed in the ceiling Empotrado a techo
Diffuser	Difusor				
Light source	Fuente de luz	LED	LED	LED	LED
Photobiological safety	Seguridad fotobiológica	0	0	1	1
UGR	UGR	<19	<19	<19	<19
Flickering < 15%	Flickering <15%	✓	✓	✓	✓
CRI	CRI	80-90	80-90	80-90	80-90
MacAdam ellipse	Elipse de Macadam	3	3	4	4
Beam angle	Ángulo de apertura	98	98	92	92
Consumption (W)	Consumo (W)	17,6W 25,2W	17,6W 25,2W	14W	6,4W
Temperature	Temperatura	3000/4000	3000/4000	3000/4000	3000/4000
Lumens	Lúmenes	2215/2560 2810/3350	2215/2560 2810/3350	1490	760/885
Power factor	Factor de potencia	0,95	0,95	0,95	0,95
Efficiency (%)	Rendimiento (%)	95,4	95,4	97,6	92,9
Useful life (h) LED	Vida útil (h) Led	60000	60000	60000	60000
Useful life (h) driver	Vida útil (h) driver	>60000	>60000	>60000	>60000
Expectancy	Expectativa	L70F10	L70F10	L70F10	L70F10
Zhaga replaceable LED	Led sustituible Zhaga	✓	✓	✓	✓
Starting cycles	Ciclos de encendido	120000	120000	120000	120000
DALI	DALI	✓	✓	✓	✓
Continuous function 24h	Funcionamiento continuado 24h	✓	✓	✓	✓
Independent electronics	Electronica Independiente	✓	✓	✓	✓
IP	IP	20-54	20-54	20-54	20-54
Class	Clase	II	II	II	II
Weight (kg)	Peso (Kg)	0,8	0,9	0,6	0,3
Ideal cut out	Perforación ideal	ø218	ø245	ø130	ø78
Recess range	Rango de Perforación	ø214-225	ø238-260	ø128-135	ø74-80



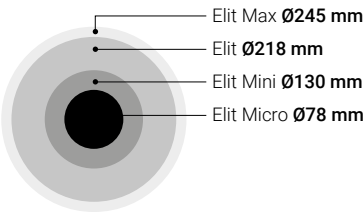


Four versions
four diameters

Cuatro versiones
cuatro diámetros

Cut outs Perforación

Circular cut Corte redondo



H m	ø m	E (0°) lux
0,5	1,18	3132
1,0	2,36	783
1,5	3,54	348
2,0	4,72	196
2,5	5,90	125
3,0	7,07	87

CO-C180 99,4°

LO (lm)	1788,7
E (lm/W)	99,3
P (W)	18,0

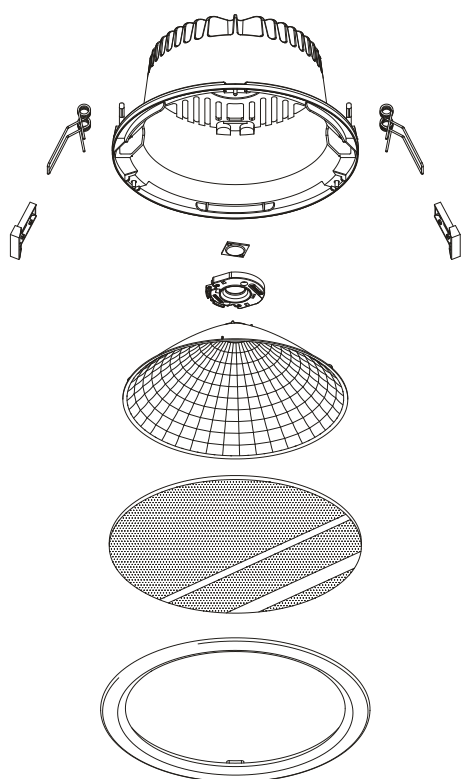
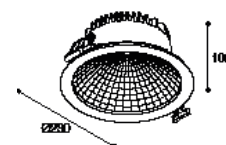


Elit

Voltaje Universal 120/277V

	W	K	LUMEN	COLOR	LED
LED EL304UB	1x25,2W	4000	2900 lm	○	0,8
LED EL304UOB	1x25,2W	4000	2900 lm	○	0,8
LED EL304UDB	1x25,2W	4000	2900 lm	○	0,8
LED EL304UTB	1x25,2W	4000	2900 lm	○	0,8
LED EL304UWN	1x25,2W	4000	2900 lm	●	0,5
LED EL204UB	1x17,6W	4000	2280 lm	○	0,8
LED EL204UOB	1x17,6W	4000	2280 lm	○	0,8
LED EL204UTB	1x17,6W	4000	2280 lm	○	0,8
LED EL204UTN	1x17,6W	4000	2280 lm	●	0,8
LED EL204UWB	1x17,6W	4000	2280 lm	○	0,8
LED EL204UDB	1x17,6W	4000	2280 lm	○	0,8

Elit



- 1 Cuerpo disipador de aluminio
- 2 Grapas de sujeción
- 3 Led COB
- 4 Difusor de aros concéntricos
- 5 Difusor
- 6 Aro personalizable de aluminio

0,95 | Factor de potencia (COS ϕ)

19 | Índice de deslumbramiento

95,4 | Rendimiento (%)

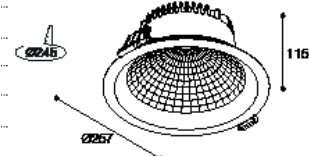
98° | Ángulo de apertura

60.000
L70F10 | Vida útil (h)

Elit HR

	W	K	LUMEN	COLOR	LED
LED ELI23UB	1x17,6W	3000	2215 lm	○	0,8
LED ELI23UN	1x17,6W	3000	2215 lm	●	0,8
LED ELI23UTB	1x17,6W	3000	2215 lm	○	0,8
LED ELI23UTN	1x17,6W	3000	2215 lm	●	0,8
LED ELI24UB	1x17,6W	4000	2280 lm	○	0,8
LED ELI24UN	1x17,6W	4000	2280 lm	●	0,8
LED ELI24UTB	1x17,6W	4000	2280 lm	○	0,8
LED ELI24UTN	1x17,6W	4000	2280 lm	●	0,8
LED ELI33UB	1x25,2W	3000	2810 lm	○	0,8
LED ELI33UN	1x25,2W	3000	2810 lm	●	0,8
LED ELI33UTB	1x25,2W	3000	2810 lm	○	0,8
LED ELI33UTN	1x25,2W	3000	2810 lm	●	0,8
LED ELI34UB	1x25,2W	4000	2900 lm	○	0,8
LED ELI34UN	1x25,2W	4000	2900 lm	●	0,8
LED ELI34UTB	1x25,2W	4000	2900 lm	○	0,8
LED ELI34UTN	1x25,2W	4000	2900 lm	●	0,8

Elit HR



Elit Mini

	W	K	LUMEN	COLOR	LED
LED EM13UB	1x14W	3000	1350 lm	○	0,6
LED EM13UTB	1x14W	3000	1350 lm	○	0,6
LED EM14UB	1x14W	4000	1490 lm	○	0,6
LED EM14UTB	1x14W	4000	1490 lm	○	0,6

Elit Mini



Elit Micro

	W	K	LUMEN	COLOR	LED
LED EP03UB	1x6,4W	3000	760 lm	○	0,3
LED EP03UTB	1x6,4W	3000	760 lm	○	0,3
LED EP04UB	1x6,4W	4000	885 lm	○	0,3
LED EP04UTB	1x6,4W	4000	885 lm	○	0,3

Elit Micro



Referencia con letra O Incluyen Difusor opal. IP54. UGR22
Referencia con letra T Incluyen Difusor transparente. IP54. UGR19
Resto de referencias Sin difusor. IP20. UGR19