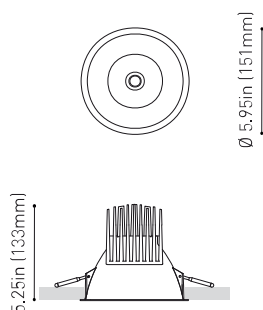




DIMENSIONS



Accessories



Awards



PRODUCT

Name	LEX UL 3500K W
Reference	U0700103W
Color	Matt white
RAL	9016
Category	CEILING RECESSED

MOUNTING ACCESSORY / DRIVER

Mounting Accessory / Driver	Mandatory, not included. See next page
Model	REMOTE BOX 3.5-12.3W 220mA
Reference	U1000113

LIGHT SOURCE

Type	LED
Gross luminous flux	1000 Lm
Color temperature	3500 K
Chromatic stability	MacAdam Step 2
Color Rendering Index	CRI>90
Power	7.1 W
Current	220 mA
Efficacy	141 Lm/W
LED lifespan	L90B10>55.000h

LIGHTING FIXTURE | PHOTOMETRIC DATA

Lighting efficiency	70%
Delivered luminous flux	700 Lm
Light beam angle	71°

LIGHTING FIXTURE | ELECTRICAL DATA

Power values of the system	10 W
Voltage	120-277 V
Frequency	50/60 Hz
Dimming	0-10V

OTHER DATA

IC Rated	Yes
Environmental location	DAMP

As the location of its LED is set back, Lex achieves great visual comfort. Its matte finish shade fosters this aspect and offers elegant aesthetics.

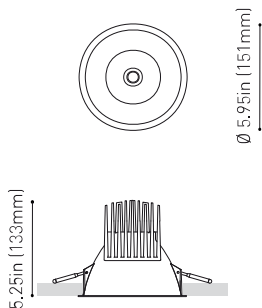


Recess measurements	Ø5.50 in Ø140 mm
Weight	1.15 lb 520 gr
Packaged weight	1.65 lb 750 gr
Packaging dimensions	9.45x8.35x6.42 in 240x212x163 mm
Materials	Aluminium / Polycarbonate

OTHER DATA



DIMENSIONS



Accessories



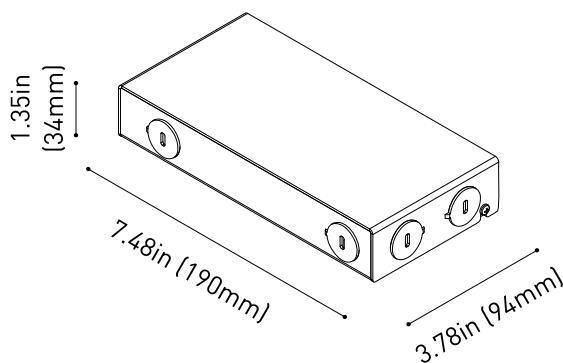
OPTIONAL MOUNTING
ACCESSORY

Awards



As the location of its LED is set back, Lex achieves great visual comfort. Its matte finish shade fosters this aspect and offers elegant aesthetics.

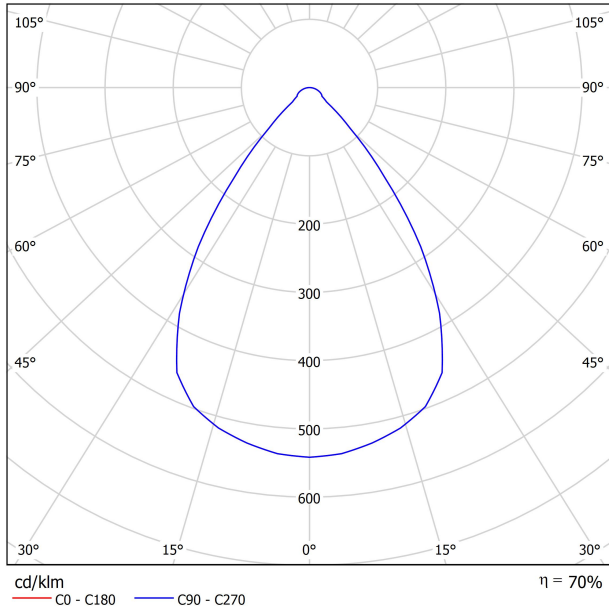
Mandatory / Not Included



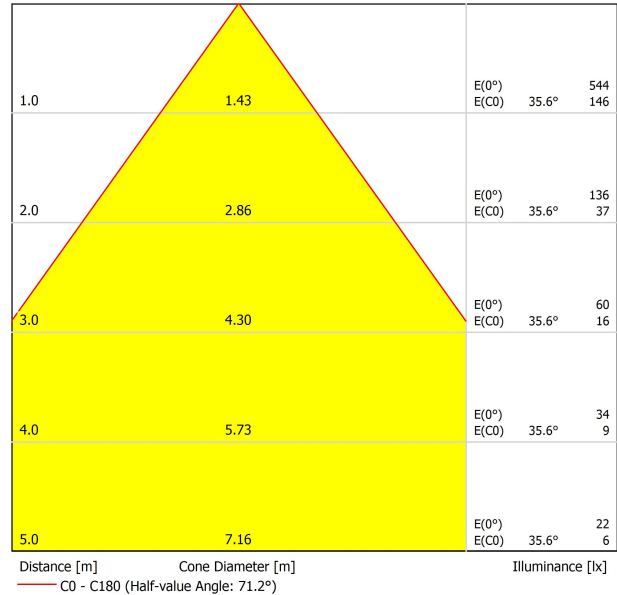
PRODUCT	
Model	REMOTE BOX 3.5-12.3W 220mA
Driver	Included
Reference	U1000113
IC Rated	Yes
Dimming	0-10V
Size	7.48 x 3.78 x 1.35 in 190 x 94 x 34 mm
Weight	1.89 lb 860 gr
Packaged weight	2.01 lb 915 gr
Packaging dimensions	9.53 x 4.13 x 1.54 in 242 x 105 x 39 mm
Nº Luminaires	1
LED - Driver Distance	18 AWG - 447 ft (350 mA) / 224 ft (700 mA)
	16 AWG - 711 ft (350 mA) / 356 ft (700 mA)
	14 AWG - 1132 ft (350 mA) / 566 ft (700 mA)
INPUT CHARACTERISTICS	
Input Voltage	120-277 V
Frequency	50/60 Hz
OUTPUT CHARACTERISTICS	
Output Voltage	16 - 56 V
Output Current	220 mA
Output Power	3.5 - 12.3 W



POLAR DIAGRAM



CONICAL DIAGRAM



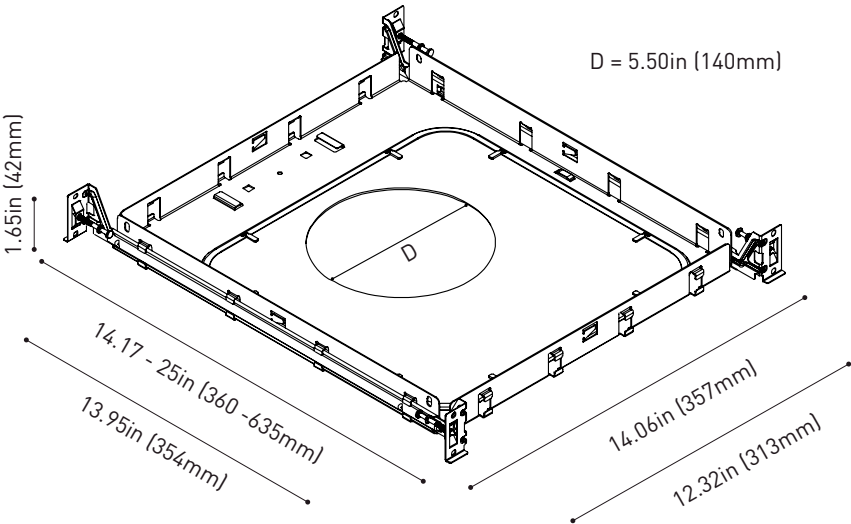
UGR

Glare Evaluation According to UGR											
ρ Ceiling		70	70	50	50	30	70	70	50	50	30
ρ Walls		50	30	50	30	30	50	30	50	30	30
ρ Floor		20	20	20	20	20	20	20	20	20	20
Room Size X Y		Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	10.3	11.1	10.5	11.3	11.5	10.3	11.1	10.5	11.3	11.5
	3H	12.4	13.1	12.7	13.3	13.6	12.4	13.1	12.7	13.3	13.6
	4H	13.2	13.9	13.5	14.1	14.4	13.2	13.9	13.5	14.1	14.4
	6H	13.8	14.4	14.1	14.7	15.0	13.8	14.4	14.1	14.7	15.0
	8H	14.0	14.6	14.3	14.9	15.2	14.0	14.6	14.3	14.9	15.2
4H	12H	14.1	14.7	14.5	15.0	15.4	14.1	14.7	14.5	15.0	15.4
	2H	11.0	11.7	11.3	12.0	12.2	11.0	11.7	11.3	12.0	12.2
	3H	13.3	13.9	13.6	14.2	14.5	13.3	13.9	13.6	14.2	14.5
	4H	14.2	14.7	14.6	15.1	15.4	14.2	14.7	14.6	15.1	15.4
	6H	15.0	15.4	15.4	15.8	16.1	15.0	15.4	15.4	15.8	16.1
8H	8H	15.2	15.6	15.6	16.0	16.4	15.2	15.6	15.6	16.0	16.4
	12H	15.4	15.8	15.9	16.2	16.6	15.4	15.8	15.9	16.2	16.6
	4H	14.6	15.0	15.0	15.3	15.7	14.6	15.0	15.0	15.3	15.7
	6H	15.5	15.8	15.9	16.2	16.6	15.5	15.8	15.9	16.2	16.6
	8H	15.8	16.1	16.3	16.5	17.0	15.8	16.1	16.3	16.5	17.0
12H	12H	16.1	16.3	16.6	16.8	17.3	16.1	16.3	16.6	16.8	17.3
	4H	14.6	15.0	15.0	15.4	15.8	14.6	15.0	15.0	15.4	15.8
	6H	15.5	15.8	16.0	16.2	16.7	15.5	15.8	16.0	16.2	16.7
	8H	15.9	16.2	16.4	16.6	17.1	15.9	16.2	16.4	16.6	17.1
Variation of the observer position for the luminaire distances S											
S = 1.0H		+2.0 / -1.9					+2.0 / -1.9				
S = 1.5H		+4.1 / -2.1					+4.1 / -2.1				
S = 2.0H		+5.8 / -2.4					+5.8 / -2.4				
Standard table		BK02					BK02				
Correction Summand		-1.6					-1.6				
Corrected Glare Indices referring to 1005lm Total Luminous Flux											

New construction Plaster Frame L

ARKOSLIGHT

Optional mounting accessory



PRODUCT	
Model	NC PLASTER FRAME L Ø140
Reference	U100-01-14
Category	Optional Mounting Accessory
IC Rated	Yes
Weight	2.54 lb 1155 g
Packaged Weight	3.98 lb 1810 g
Packaging Dimensions	16.6x15.03x3.15 in 422x382x80 mm
TO BE USED WITH REMOTE BOX	