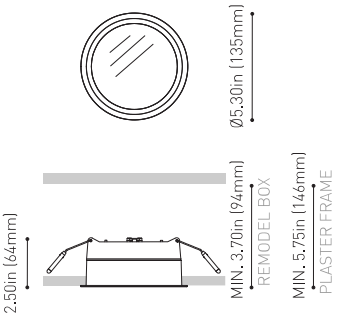
Deep

ARKOSLIGHT

Dimensions



	PRODUCT
Name	DEEP MINI UL 2700K WT
Reference	U2500110WT
Color	Textured white
RAL	9016
Category	CEILING RECESSED

	MOUNTING ACCESSORY / DRIVER
Mounting Accessory / Driver	Mandatory, not included. See Mounting acc. Page
Model	REMODEL BOX 9.5-16.8W 700mA 120-277V
Reference	U1000050

	LIGHT SOURCE
Type	LED
Gross luminous flux	1280 Lm
Color temperature	2700 K
Chromatic stability	MacAdam Step 2
Color Rendering Index	CRI>90
Power	10 W
Current	700 mA
Efficacy	128 Lm/W
LED lifespan	L80B10>60.000h

	LIGHTING FIXTURE | PHOTOMETRIC DATA
Lighting efficiency	76%
Delivered luminous flux	973 Lm
Light beam angle	89°

	LIGHTING FIXTURE | ELECTRICAL DATA
Power values of the system	13 W
Voltage	120-277 V
Frequency	50/60 Hz
Dimming	0-10V / TRIAC dimming only at 120Vac.

	OTHER DATA
IC Rated	Yes
Environmental location	DAMP

DEEP is an LED downlight for general lighting functions designed with a recessed diffuser which considerably reduces ceiling brightness.

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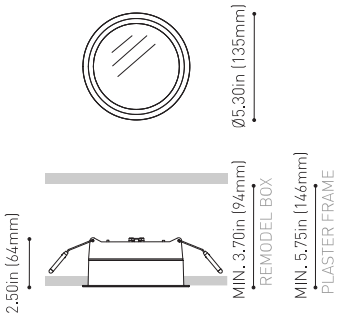
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	OTHER DATA
Recess measurements	Ø4.80 in | Ø122 mm
Weight	0.66 lb | 300 gr
Packaged weight	0.88 lb | 400 gr
Packaging dimensions	8.07 x 6.06 x 3.58 in | 205 x 154 x 91 mm
Materials	Aluminium - Polymethyl Methacrylate

Dimensions



DEEP is an LED downlight for general lighting functions designed with a recessed diffuser which considerably reduces ceiling brightness.

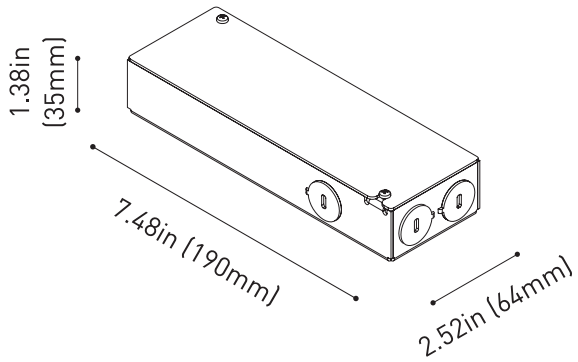
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Mounting Accessory / Driver

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Mandatory / Not Included



	PRODUCT
Model	REMODEL BOX 9.5-16.8W 700mA 120-277V
Driver	Included: APS L9WCD series or similar
Reference	U1000050
IC Rated	Yes
Dimming	0-10V / TRIAC dimming only at 120Vac.
Fast connect	Yes
Size	7.48 x 2.52 x 1.38 in | 190 x 64 x 35 mm
Weight	1.5 lb | 680 gr
Packaged weight	1.62 lb | 735 gr
Packaging dimensions	11.26 x 2.91 x 1.77 in | 286 x 74 x 45 mm
Nº Luminaires	1

	INPUT CHARACTERISTICS
Input Voltage	120-277 V
Frequency	50/60 Hz

	OUTPUT CHARACTERISTICS
Output Voltage	13 - 24 V
Output Current	700 mA
Output Power	9.5 - 16.8 W

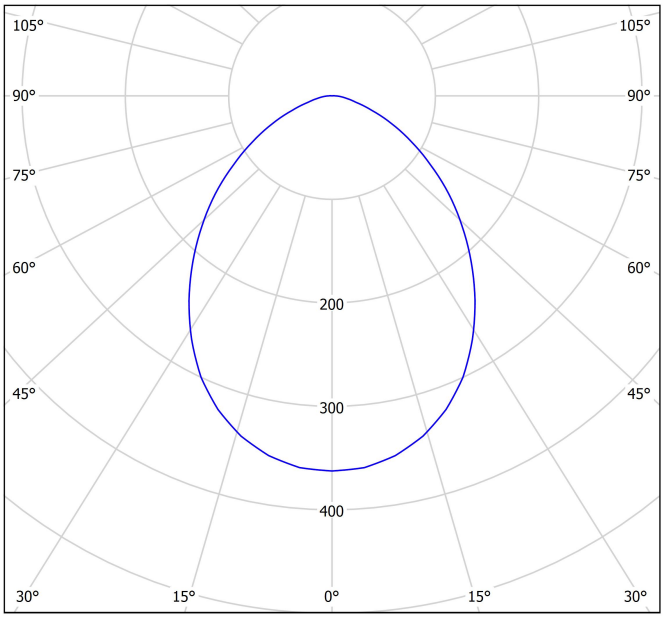
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Lighting Technical Data

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Polar diagram

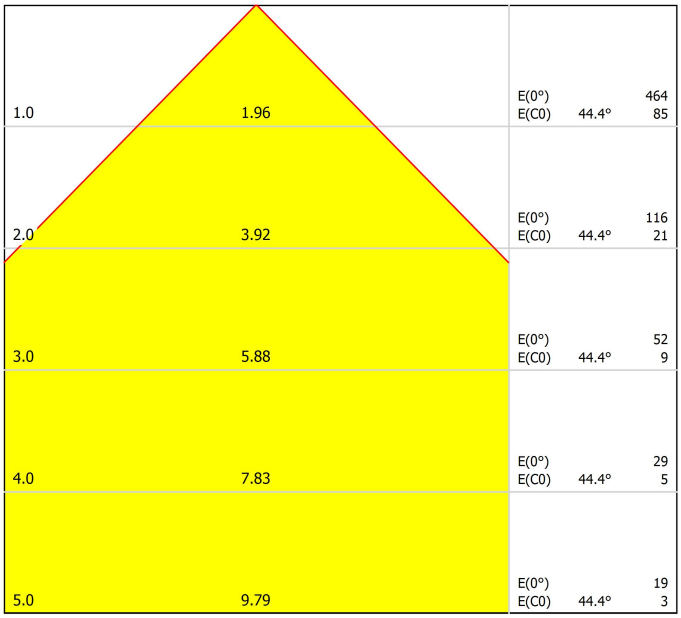


cd/klm

η = 76%

C0 - C180 C90 - C270

Conical diagram



Distance [m] Cone Diameter [m] Illuminance [lx]

C0 - C180 (Half-value Angle: 88.8°)

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	22.4	23.5	22.7	23.8	24.0	22.4	23.5	22.7	23.8	24.0
	3H	23.4	24.5	23.7	24.7	25.0	23.4	24.5	23.7	24.7	25.0
	4H	23.7	24.7	24.0	25.0	25.2	23.7	24.7	24.0	25.0	25.2
	6H	23.9	24.8	24.2	25.1	25.4	23.9	24.8	24.2	25.1	25.4
	8H	24.0	24.8	24.3	25.2	25.5	24.0	24.8	24.3	25.2	25.5
	12H	24.0	24.9	24.4	25.2	25.5	24.0	24.9	24.4	25.2	25.5
4H	2H	22.7	23.7	23.1	24.0	24.3	22.7	23.7	23.1	24.0	24.3
	3H	23.9	24.8	24.3	25.1	25.4	23.9	24.8	24.3	25.1	25.4
	4H	24.3	25.1	24.7	25.4	25.8	24.3	25.1	24.7	25.4	25.8
	6H	24.6	25.3	25.0	25.6	26.0	24.6	25.3	25.0	25.6	26.0
	8H	24.7	25.3	25.2	25.7	26.1	24.7	25.3	25.2	25.7	26.1
	12H	24.9	25.4	25.3	25.8	26.2	24.9	25.4	25.3	25.8	26.2
8H	4H	24.4	25.0	24.9	25.4	25.8	24.4	25.0	24.9	25.4	25.8
	6H	24.8	25.3	25.3	25.7	26.2	24.8	25.3	25.3	25.7	26.2
	8H	25.0	25.5	25.5	25.9	26.4	25.0	25.5	25.5	25.9	26.4
	12H	25.2	25.6	25.7	26.1	26.6	25.2	25.6	25.7	26.1	26.6
12H	4H	24.4	25.0	24.9	25.4	25.8	24.4	25.0	24.9	25.4	25.8
	6H	24.9	25.3	25.3	25.7	26.2	24.9	25.3	25.3	25.7	26.2
	8H	25.1	25.5	25.6	25.9	26.4	25.1	25.5	25.6	25.9	26.4

Variation of the observer position for the luminaire distances S

S = 1.0H S = 1.5H S = 2.0H	+0.2 / -0.3 +0.4 / -0.8 +1.0 / -1.5	+0.2 / -0.3 +0.4 / -0.8 +1.0 / -1.5
Standard table	BK03	BK03
Correction Summand	5.8	5.8

Corrected Glare Indices referring to 1280lm Total Luminous Flux

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