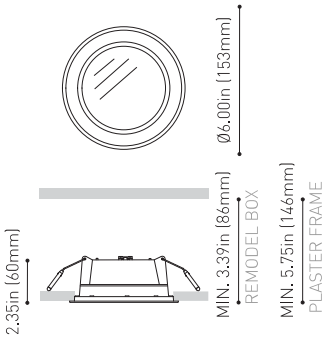
Drop

ARKOSLIGHT

Dimensions



	PRODUCT
Name	DROP MINI UL 4000K WT
Reference	U1940112WT
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	1400 Lm
Color temperature	4000 K
Chromatic stability	MacAdam Step 2
Color Rendering Index	CRI>90
Power	10 W
Current	700 mA
Efficacy	140 Lm/W
LED lifespan	L80B10>60.000h

	LIGHTING FIXTURE | PHOTOMETRIC DATA
Lighting efficiency	78%
Delivered luminous flux	1092 Lm
Light beam angle	94°

	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

Awards

A'DESIGN AWARD WINNER 2015 IRON

When lit, the lighting of Drop produces an effect of erasing visually the rims of the fitting, creating the illusion of illumination which resembles that of a natural skylight.

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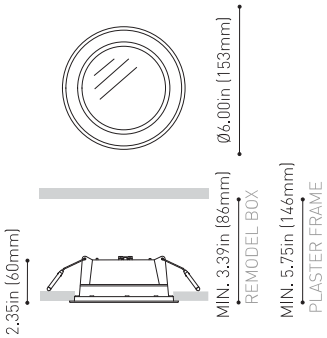
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Drop

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	OTHER DATA
Recess measurements	Ø5.50 in | Ø140 mm
Weight	0.90 lb | 410 gr
Packaged weight	1.12 lb | 510 gr
Packaging dimensions	8.86 x 7.24 x 3.11 in | 255 x 184 x 79 mm
Materials	Aluminium - Polymethyl Methacrylate

Dimensions



Awards

A'DESIGN AWARD WINNER 2015 IRON

When lit, the lighting of Drop produces an effect of erasing visually the rims of the fitting, creating the illusion of illumination which resembles that of a natural skylight.

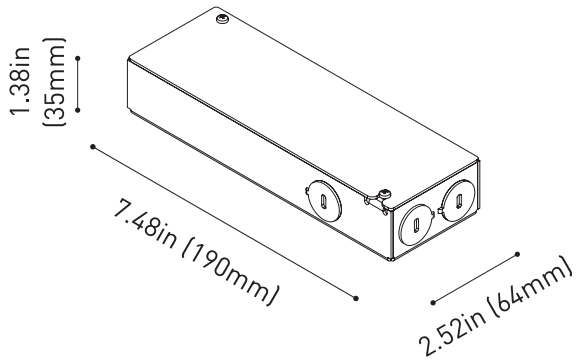
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Mounting Accessory / Driver

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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

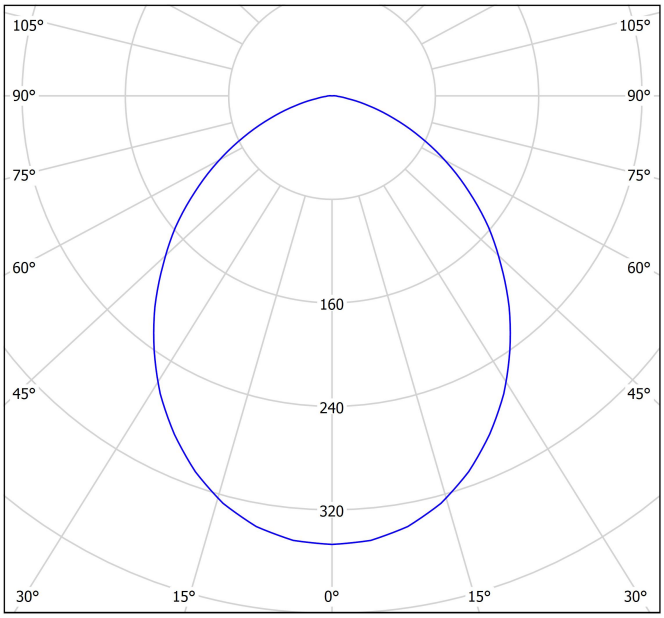
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Lighting Technical Data

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Polar diagram

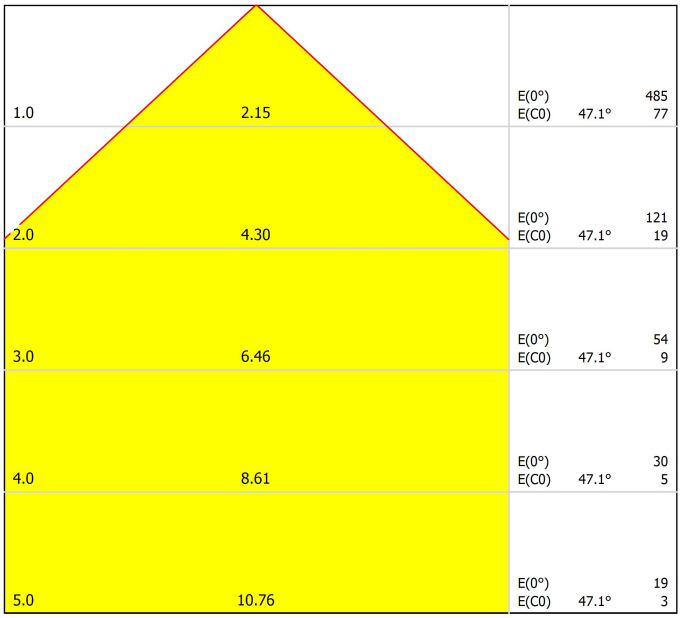


cd/klm

η = 78%

C0 - C180 C90 - C270

Conical diagram



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

C0 - C180 (Half-value Angle: 94.2°)

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	23.4	24.6	23.7	24.9	25.1	23.4	24.6	23.7	24.9	25.1
	3H	24.6	25.7	25.0	26.0	26.3	24.6	25.7	25.0	26.0	26.3
	4H	25.0	26.0	25.3	26.3	26.5	25.0	26.0	25.3	26.3	26.5
	6H	25.1	26.0	25.4	26.3	26.6	25.1	26.0	25.4	26.3	26.6
	8H	25.1	26.0	25.5	26.3	26.6	25.1	26.0	25.5	26.3	26.6
	12H	25.1	26.0	25.5	26.3	26.6	25.1	26.0	25.5	26.3	26.6
4H	2H	23.9	24.9	24.2	25.2	25.4	23.9	24.9	24.2	25.2	25.4
	3H	25.2	26.1	25.6	26.4	26.8	25.2	26.1	25.6	26.4	26.8
	4H	25.7	26.4	26.0	26.8	27.1	25.7	26.4	26.0	26.8	27.1
	6H	25.8	26.5	26.3	26.9	27.3	25.8	26.5	26.3	26.9	27.3
	8H	25.9	26.5	26.3	26.9	27.3	25.9	26.5	26.3	26.9	27.3
	12H	25.9	26.4	26.3	26.8	27.3	25.9	26.4	26.3	26.8	27.3
8H	4H	25.8	26.4	26.2	26.8	27.2	25.8	26.4	26.2	26.8	27.2
	6H	26.0	26.5	26.5	26.9	27.4	26.0	26.5	26.5	26.9	27.4
	8H	26.1	26.5	26.6	27.0	27.4	26.1	26.5	26.6	27.0	27.4
	12H	26.1	26.5	26.6	27.0	27.5	26.1	26.5	26.6	27.0	27.5
12H	4H	25.8	26.3	26.2	26.7	27.1	25.8	26.3	26.2	26.7	27.1
	6H	26.0	26.4	26.5	26.9	27.4	26.0	26.4	26.5	26.9	27.4
	8H	26.1	26.5	26.6	26.9	27.4	26.1	26.5	26.6	26.9	27.4

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 / -0.7 +0.8 / -1.3	+0.2 / -0.3 +0.4 / -0.7 +0.8 / -1.3
Standard table	BK03	BK03
Correction Summand	6.5	6.5

Corrected Glare Indices referring to 1400lm Total Luminous Flux

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