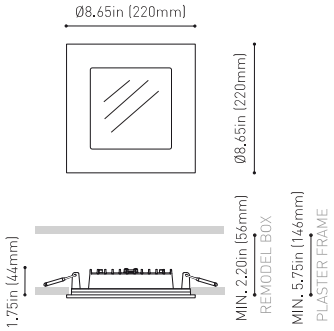
Quad

ARKOSLIGHT

Dimensions



	PRODUCT
Name	QUAD UL 4000K W
Reference	U1890112W
Color	Matt white
RAL	9010
Category	CEILING RECESSED

	MOUNTING ACCESSORY / DRIVER
Mounting Accessory / Driver	Mandatory, not included. See Mounting acc. Page
Model	NC PLASTER FRAME L Ø205 11.2-16.8W 400mA
Reference	U1000006

	LIGHT SOURCE
Type	LED
Gross luminous flux	1885 Lm
Color temperature	4000 K
Chromatic stability	MacAdam Step 2
Color Rendering Index	CRI>90
Power	12 W
Current	400 mA
Efficacy	157 Lm/W
LED lifespan	L80B10>60.000h

	LIGHTING FIXTURE | PHOTOMETRIC DATA
Lighting efficiency	76%
Delivered luminous flux	1433 Lm
Light beam angle	102°

	LIGHTING FIXTURE | ELECTRICAL DATA
Power values of the system	14 W
Voltage	120/277 V
Frequency	50/60 Hz
Dimming	0-10V / TRIAC/ELV dimming only at 120Vac.

	OTHER DATA
IC Rated	Yes
Environmental location	DAMP

The elegance of a squared perimeter downlight combined with the easy installation of a round fitting hole.

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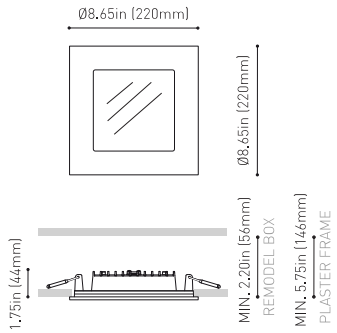
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Quad

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	OTHER DATA
Recess measurements	Ø8.07 in | Ø205 mm
Weight	2.53 lb | 1147 gr
Packaged weight	3.04 lb | 1378 gr
Packaging dimensions	13.07 x 9.65 x 3.31 in | 332 x 245 x 84 mm
Materials	Aluminium - Polymethyl Methacrylate

Dimensions



The elegance of a squared perimeter downlight combined with the easy installation of a round fitting hole.

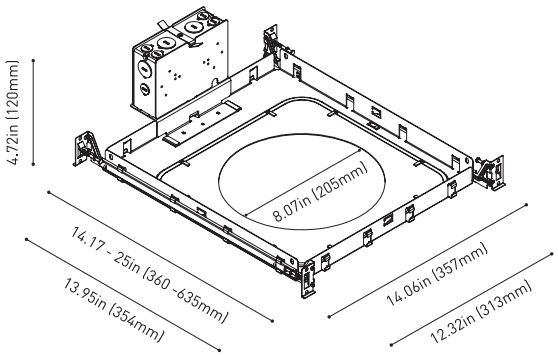
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Mounting Accessory / Driver

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Mandatory / Not Included



	PRODUCT
Model	NC PLASTER FRAME L Ø205 11.2-16.8W 400mA
Driver	Included: ERP - PSB series or similar
Reference	U1000006
IC Rated	Yes
Dimming	0-10V / TRIAC/ELV dimming only at 120Vac.
Fast connect	Yes
Size	14.17 - 25 x 14.06 x 4.72 in | 360 - 635 x 357 x 120 mm
Weight	3.39 lb | 1540 gr
Packaged weight	3.95 lb | 1795 gr
Packaging dimensions	16.6 x 15.03 x 4.52 in | 422 x 382 x 115 mm
Nº Luminaires	1

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

	OUTPUT CHARACTERISTICS
Output Voltage	28 - 42 V
Output Current	400 mA
Output Power	11.2 - 16.8 W

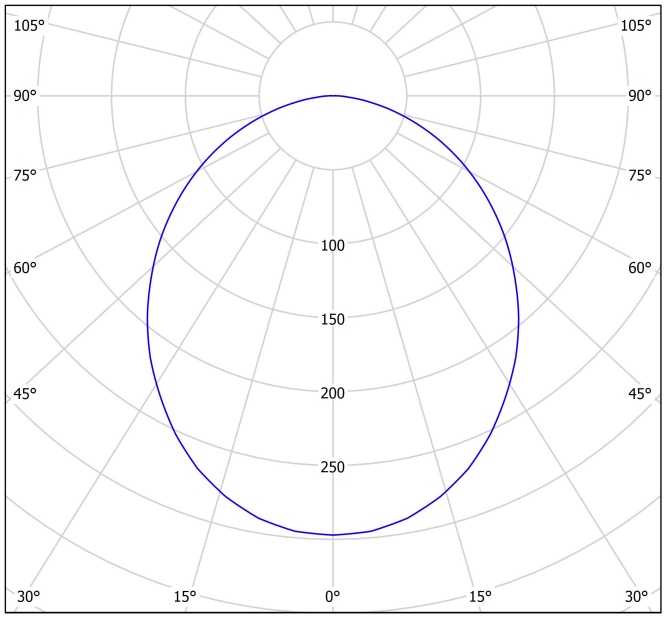
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Lighting Technical Data

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Polar diagram

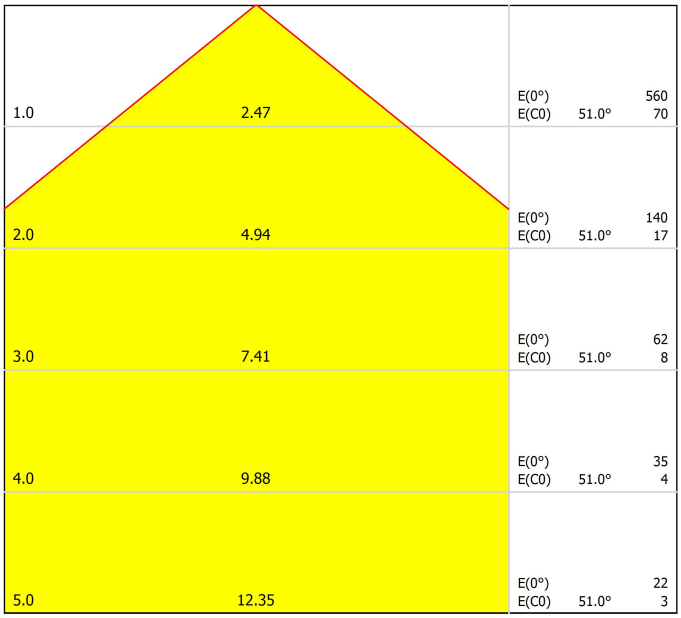


cd/klm

η = 76%

C0 - C180 C90 - C270

Conical diagram



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

C0 - C180 (Half-value Angle: 102.0°)

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	22.9	24.2	23.2	24.4	24.7	22.9	24.2	23.2	24.4	24.7
	3H	24.6	25.8	24.9	26.0	26.3	24.6	25.8	24.9	26.0	26.3
	4H	25.2	26.3	25.5	26.6	26.9	25.2	26.3	25.5	26.6	26.9
	6H	25.6	26.7	26.0	27.0	27.3	25.6	26.7	26.0	27.0	27.3
	8H	25.8	26.7	26.1	27.1	27.4	25.8	26.7	26.1	27.1	27.4
	12H	25.8	26.8	26.2	27.1	27.4	25.8	26.8	26.2	27.1	27.4
4H	2H	23.5	24.6	23.8	24.8	25.1	23.5	24.6	23.8	24.8	25.1
	3H	25.4	26.3	25.7	26.6	27.0	25.4	26.3	25.7	26.6	27.0
	4H	26.1	26.9	26.5	27.3	27.7	26.1	26.9	26.5	27.3	27.7
	6H	26.7	27.4	27.1	27.8	28.2	26.7	27.4	27.1	27.8	28.2
	8H	26.8	27.5	27.3	27.9	28.3	26.8	27.5	27.3	27.9	28.3
	12H	27.0	27.6	27.4	28.0	28.4	27.0	27.6	27.4	28.0	28.4
8H	4H	26.4	27.1	26.8	27.5	27.9	26.4	27.1	26.8	27.5	27.9
	6H	27.1	27.6	27.5	28.0	28.5	27.1	27.6	27.5	28.0	28.5
	8H	27.3	27.8	27.8	28.3	28.7	27.3	27.8	27.8	28.3	28.7
	12H	27.5	27.9	28.0	28.4	28.9	27.5	27.9	28.0	28.4	28.9
12H	4H	26.4	27.0	26.9	27.4	27.9	26.4	27.0	26.9	27.4	27.9
	6H	27.1	27.6	27.6	28.1	28.5	27.1	27.6	27.6	28.1	28.5
	8H	27.4	27.8	27.9	28.3	28.8	27.4	27.8	27.9	28.3	28.8

Variation of the observer position for the luminaire distances S

S = 1.0H S = 1.5H S = 2.0H	+0.1 / -0.1 +0.2 / -0.4 +0.4 / -0.7	+0.1 / -0.1 +0.2 / -0.4 +0.4 / -0.7
Standard table	BK05	BK05
Correction Summand	6.7	6.7

Corrected Glare Indices referring to 1885lm Total Luminous Flux

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