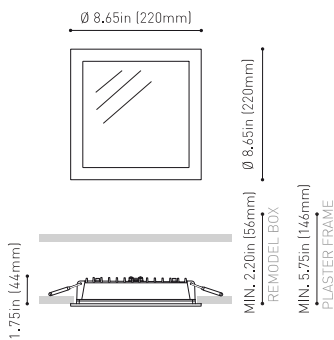




DIMENSIONS



Name	MADISON UL 3000K W
Reference	U1900111W
Color	Matt white
RAL	9010
Category	CEILING RECESSED

Mounting Accessory / Driver	Mandatory, not included. See next page
Model	NC PLASTER FRAME L 205x205 20-29.4W 700mA
Reference	U1000016

Type	LED
Gross luminous flux	3025 Lm
Color temperature	3000 K
Chromatic stability	MacAdam Step 2
Color Rendering Index	CRI>90
Power	22 W
Current	700 mA
Efficacy	138 Lm/W
LED lifespan	L80B10>60.000h

Lighting efficiency	82%
Delivered luminous flux	2481 Lm
Light beam angle	100°

Power values of the system	25 W
Voltage	120/277 V
Frequency	50/60 Hz
Dimming	0-10V / TRIAC/ELV dimming only at 120Vac.

IC Rated	Yes
Environmental location	DAMP

PRODUCT

MADISON UL 3000K W

U1900111W

Matt white

9010

CEILING RECESSED

MOUNTING ACCESSORY / DRIVER

Mandatory, not included. See next page

NC PLASTER FRAME L 205x205 20-29.4W 700mA

U1000016

LIGHT SOURCE

LED

3025 Lm

3000 K

MacAdam Step 2

CRI>90

22 W

700 mA

138 Lm/W

L80B10>60.000h

LIGHTING FIXTURE | PHOTOMETRIC DATA

82%

2481 Lm

100°

LIGHTING FIXTURE | ELECTRICAL DATA

25 W

120/277 V

50/60 Hz

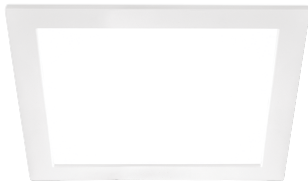
0-10V / TRIAC/ELV dimming only at 120Vac.

OTHER DATA

Yes

DAMP

A squared recessed downlight in which the narrowness and the reduced width of its frame are the differentiating hallmarks of this elegant luminaire.

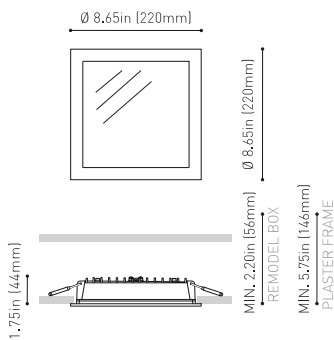


Recess measurements	8.07 x 8.07 in 205 x 205 mm
Weight	2.53 lb 1147 gr
Packaged weight	3.04 lb 1378 gr
Packaging dimensions	13.07 x 9.65 x 3.31 in 332 x 245 x 84 mm
Materials	Aluminium - Polymethyl Methacrylate

OTHER DATA

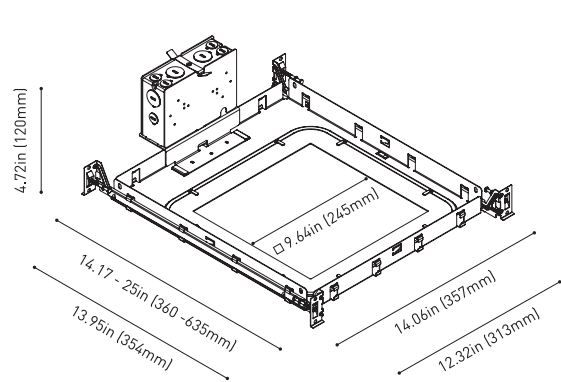


DIMENSIONS



A squared recessed downlight in which the narrowness and the reduced width of its frame are the differentiating hallmarks of this elegant luminaire.

Mandatory / Not Included



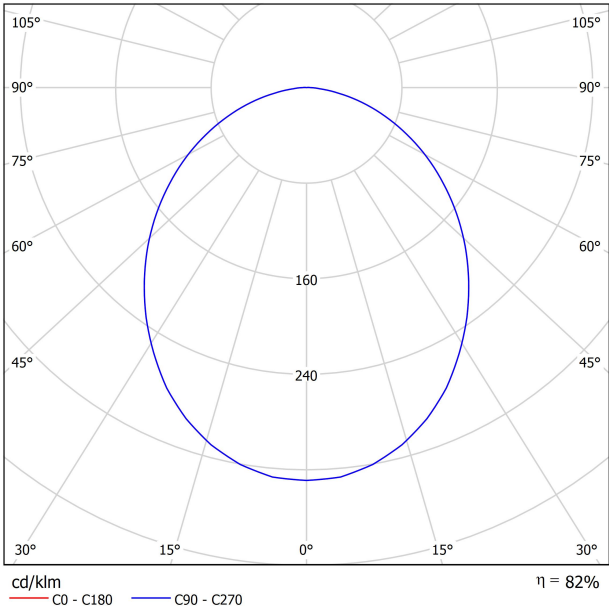
PRODUCT	
Model	NC PLASTER FRAME L 205x205 20-29.4W 700mA
Driver	Included: ERP - PSB series or similar
Reference	U1000016
IC Rated	Yes
Dimming	0-10V / TRIAC/ELV dimming only at 120Vac.
Fast connect	Yes
Size	14.17 - 25 x 14.06 x 4.72 in 360 - 635 x 357 x 120 mm
Weight	3.19 lb 1452 gr
Packaged weight	3.76 lb 1707 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

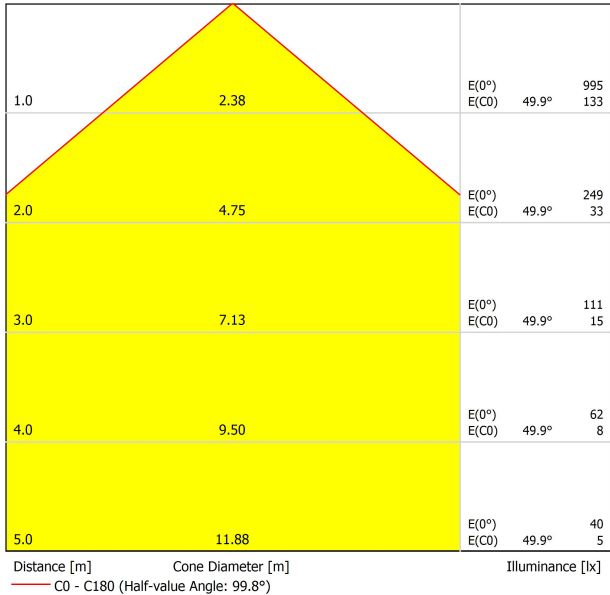
OUTPUT CHARACTERISTICS	
Output Voltage	28 - 42 V
Output Current	700 mA
Output Power	20 - 29.4 W



POLAR DIAGRAM



CONICAL DIAGRAM



UGR

Glare Evaluation According to UGR												
ρ Ceiling		70	70	50	50	30	70	70	50	50	30	30
ρ Walls		50	30	50	30	30	50	30	50	30	30	30
ρ Floor		20	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	23.0	24.3	23.3	24.5	24.7	23.0	24.3	23.3	24.5	24.7	24.7
	3H	24.6	25.8	25.0	26.1	26.3	24.6	25.8	25.0	26.1	26.3	26.3
	4H	25.2	26.3	25.6	26.6	26.9	25.2	26.3	25.6	26.6	26.9	26.9
	6H	25.6	26.7	26.0	27.0	27.3	25.6	26.7	26.0	27.0	27.3	27.3
	8H	25.8	26.7	26.1	27.0	27.4	25.8	26.7	26.1	27.0	27.4	27.4
	12H	25.8	26.8	26.2	27.1	27.4	25.8	26.8	26.2	27.1	27.4	27.4
4H	2H	23.5	24.6	23.8	24.9	25.2	23.5	24.6	23.8	24.9	25.2	25.2
	3H	25.4	26.3	25.8	26.6	27.0	25.4	26.3	25.8	26.6	27.0	27.0
	4H	26.1	27.0	26.5	27.3	27.7	26.1	27.0	26.5	27.3	27.7	27.7
	6H	26.7	27.4	27.1	27.8	28.2	26.7	27.4	27.1	27.8	28.2	28.2
	8H	26.8	27.5	27.3	27.9	28.3	26.8	27.5	27.3	27.9	28.3	28.3
	12H	26.9	27.5	27.4	27.9	28.4	26.9	27.5	27.4	27.9	28.4	28.4
8H	4H	26.4	27.1	26.8	27.5	27.9	26.4	27.1	26.8	27.5	27.9	27.9
	6H	27.0	27.6	27.5	28.0	28.5	27.0	27.6	27.5	28.0	28.5	28.5
	8H	27.3	27.8	27.8	28.2	28.7	27.3	27.8	27.8	28.2	28.7	28.7
	12H	27.4	27.9	27.9	28.3	28.8	27.4	27.9	27.9	28.3	28.8	28.8
12H	4H	26.4	27.0	26.9	27.4	27.9	26.4	27.0	26.9	27.4	27.9	27.9
	6H	27.1	27.6	27.6	28.0	28.5	27.1	27.6	27.6	28.0	28.5	28.5
	8H	27.4	27.8	27.9	28.2	28.7	27.4	27.8	27.9	28.2	28.7	28.7
Variation of the observer position for the luminaire distances S												
S = 1.0H		+0.1 / -0.1					+0.1 / -0.1					
S = 1.5H		+0.2 / -0.4					+0.2 / -0.4					
S = 2.0H		+0.4 / -0.7					+0.4 / -0.7					
Standard table		BK05					BK05					
Correction Summand		5.3					5.3					
Corrected Glare Indices referring to 3025lm Total Luminous Flux												