

Project:			
Ordering info:			
Submitted by:		Date:	

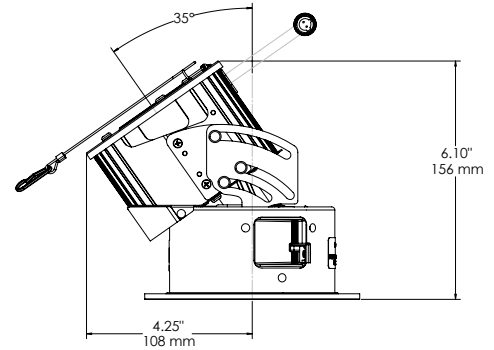


NEBULUM 4" Adjustable Downlight

NBLM4

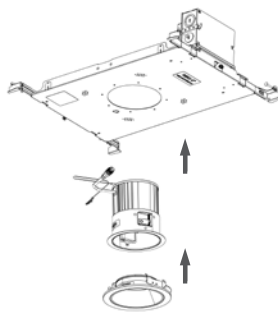


Adjustable Engine



Complete Luminaire

Mounting
+
Engine
+
Baffles



Mounting

	L	W	H*
IC	18.1" 460mm	10.5" 266mm	5.5" 140mm
OF	18.1" 460mm	10.5" 266mm	5.5" 140mm
RM	14.2" 359mm	6.3" 160mm	5.5" 140mm

*Minimum ceiling depth



Baffle

Trimmed



Trimless



Photometric Summary

Selectable Watts		
Lumens (lm)	Watts (W)	Luminous Efficacy (lm/W)
1000	7.9	127
1300	10.1	129
1500	12.3	122
1800	14.8	122
2100	17.3	121
2400	20.1	119

MW

Mounting



IC
IC rated enclosure



OF
Open frame non-IC



RM
Remodel non-IC

CCT



30K



35K



40K

Voltage



120-347V

CRI



90

Finishes for Baffle / Trim



white



black



silver

Trim Style



Trimmed



Trimless

Driver (controls)

D1 0-10V Dimming 1%

Optics



NS
17° narrow spot



SP
20° spot



MS
26° medium spot



MF
36° medium flood



WF
57° wide flood



OV
21x52° oval beam

Options



Emergency
battery pack



Wet location

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Description

NEBULUM 4" Recessed Downlight

Engineered for high-performance architectural lighting, the NBLM4 Recessed Downlight delivers up to 140lm/W efficacy—setting a new benchmark in commercial downlighting. Designed with a modular system, it offers unparalleled flexibility and scalability, enabling seamless integration into diverse lighting schemes. With exceptional lumen output, precise beam control, and superior visual comfort, NEBULUM series ensures uniform illumination while enhancing spatial aesthetics. Its spec-grade optics and energy-efficient performance make it an optimal solution for retail environments, office spaces, shopping malls, and other commercial interiors where lighting quality and design flexibility are paramount.

Specifications

Housing material:	The majority of the components are powder painted steel in a black finish. The heatsink is an extruded aluminum black anodized finish.	Baffle:	Die cast aluminum powder painted in colored finish.
Optics material:	The optic inside is a patterned clear acrylic material.	Trim ring:	Die cast aluminum powder painted in colored finish.
COB:	Fixed CCT, 90+CRI R9>50, 2 SDCM	Ceiling space requirements:	Ceiling cutout (Ø 4.5") Ceiling minimum thickness (0.375") Ceiling maximum thickness (1.25") Minimum ceiling depth (5.5")
Driver:	Standard Driver is field selectable wattage, 120-347V 0-10V Dimming to 1%	Operating Ambient Temperature:	-20°C to 40°C
Trim:	Offers two types of Trim: Trim flanged, trimless spackle		

Ordering Guide Example: NBLM4-OF-SB-D1-UN3-MW-NAE4-35K-90-MF-TFL-WH-CG-WH

NBLM4									
Family Name	Installation Mounting		Mounting Option		Driver	Voltage		Output (no mininal lumens)	
NBLM4	OF	Open frame NON-IC	SB	Standard bar kit	D1	0-10V dimming 1%	UN3	120-347V	MW Selectable Watts
	IC	IC rated enclosure	BB	Butterfly brackets					10L 7.9W 1000lm
	RM	Remodel NON-IC	RM	Remodel					13L 10.1W 1300lm
									15L 12.3W 1500lm
									18L 14.8W 1800lm
									21L 17.3W 2100lm
									24L 20.1W 2400lm

NAE4			90	
Light Engine	CCT	CRI	Optics	
NAE4	4" Adjustable engine	30K 3000K	90	NS 17° Narrow Spot
		35K 3500K		SP 20° Spot
		40K 4000K		MS 26° Medium Spot
				MF 36° Medium Flood
				WF 57° Wide Flood
				OV 21 x 52° Oval Beam

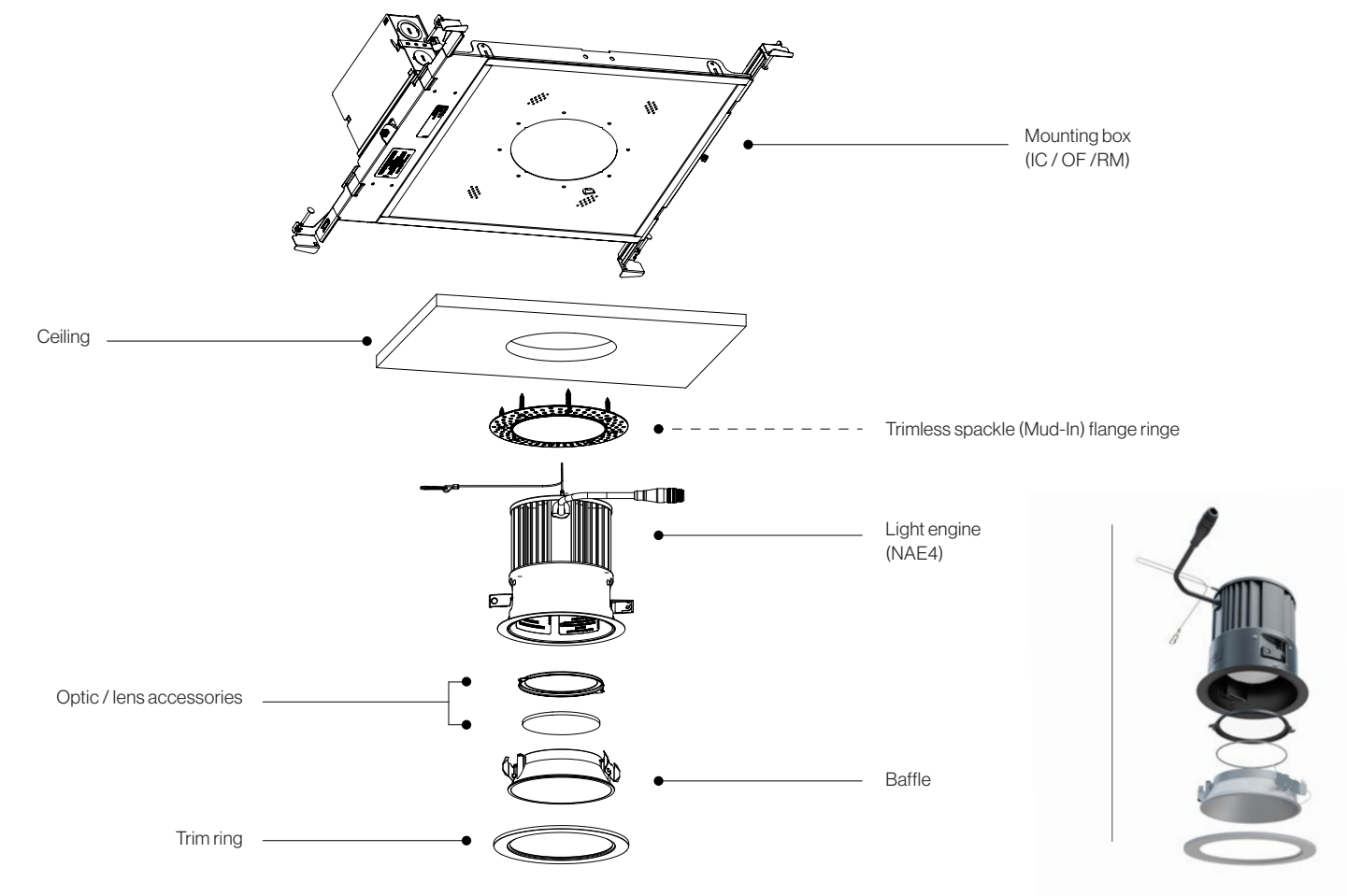
Trim Style	Baffle Colour		Lens Accessories¹		Trim Ring		Others
TFL Trim flanged	WH	White	CG	Clear glass	WH	White	WET Wet location
TSP Trimless spackle	BK	Black	SG	Solite glass	BK	Black	EM Emergency battery pack
	SV	Silver	FG	Frosted glass	SV	Silver	
			LS	Linear spread	NN	None	
			HL	Hex louver			

¹CG-clear glass is standard

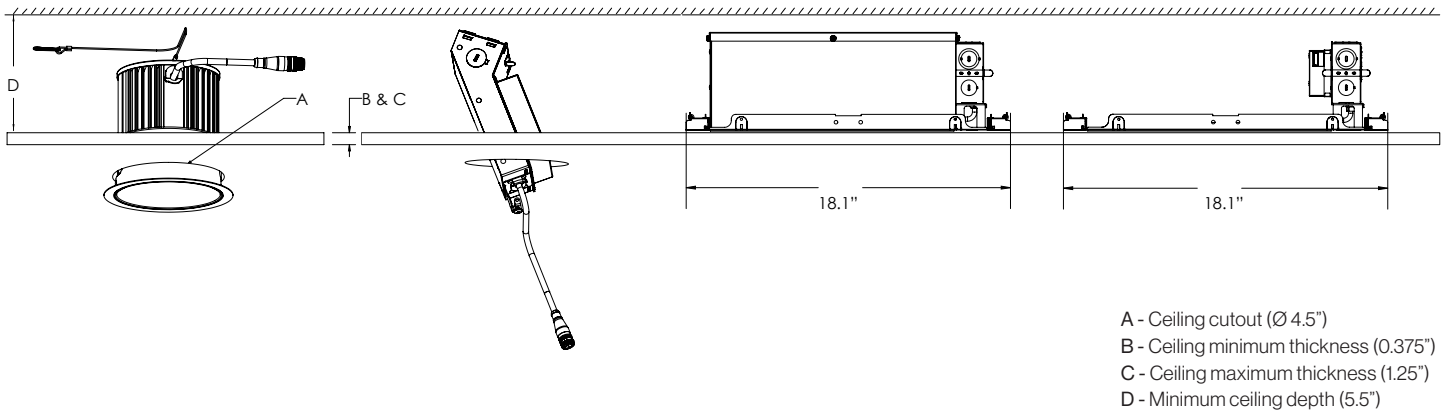
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Exploded Overview



Ceiling Requirements

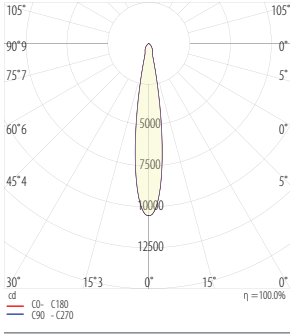


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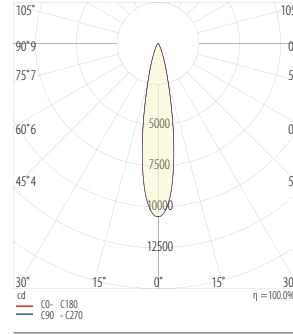


Photometric Information

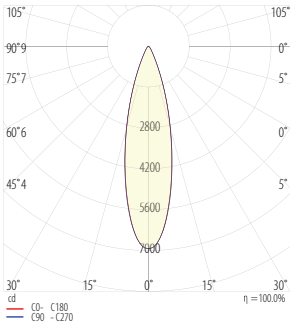
NS - 17° Narrow Spot, 4000K, 2100lm



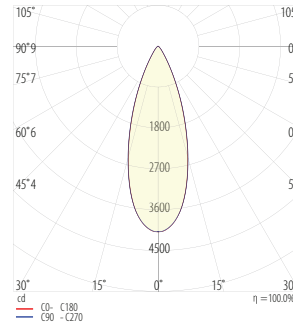
SP - 20° Spot, 4000K, 2100lm



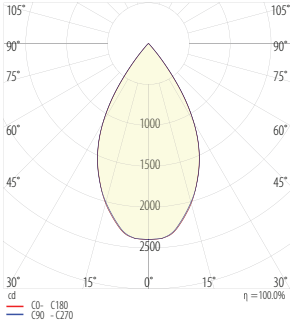
MS - 26° Medium Spot, 4000K, 2100lm



MF - 36° Medium Flood, 4000K, 2100lm



WF - 57° Wide Flood, 4000K, 2100lm



OV - 21 x 52° Oval Beam, 4000K, 2100lm

