

Project:			
Ordering info:			
Submitted by:		Date:	

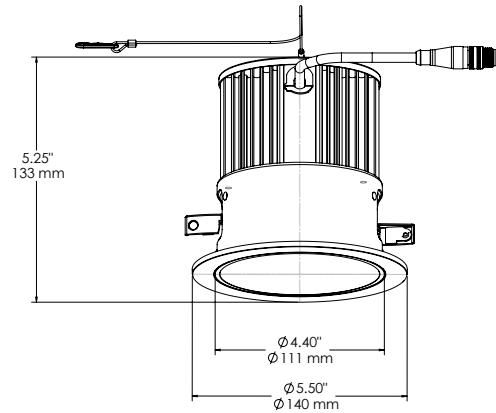


NEBULUM 4" Fixed Downlight

NBLM4

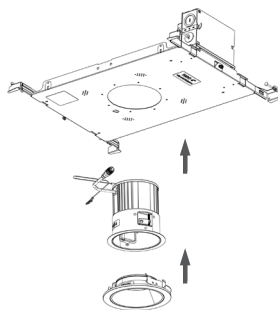


Fixed Engine



Complete Luminaire

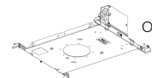
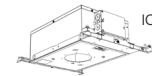
Mounting
+
Engine
+
Baffles



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)
MW	1100	8.3	133
	1400	10.5	133
	1700	12.7	134
	2100	15.2	138
	2400	17.7	136
	2700	20.4	132
Fixed Watt			
	Lumens (lm)	Watts (W)	Luminous Efficacy (lm/W)
30L	3000	23.7	127
34L	3400	27.4	124
39L	3900	31.8	123

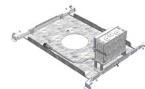
Driver (controls)

D1	0-10V Dimming 1%
S1	Signify 1% (only paired with Fixed Watt)

Mounting



IC
IC rated enclosure



OF
Open frame non-IC



RM
Remodel non-IC

CCT



30K



35K



40K

Voltage



120-347V



120-277V
(only paired with
Fixed Watt)

CRI



90

Optics



SP
22° spot



MS
26° medium
spot



MF
39° medium
flood



WF
60° wide flood



OV
25x60° oval
beam



WW
22° wall wash

Finishes for Baffle / Trim



white



black



silver

Trim Style



Trimmed



Trimless

Options



Emergency
battery pack

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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 down-lighting. 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.
Optics material:	The optic inside is a patterned clear acrylic material.
COB:	Fixed CCT, 90+CRI R9>50, 2 SDCM
Driver:	Standard Driver is field selectable wattage, 120-347V 0-10V Dimming to 1%
Trim:	Offers two types of Trim: Trim flanged, trimless spackle
Baffle:	Die cast aluminum powder painted in colored finish.

Trim ring:	Die cast aluminum powder painted in colored finish.
Ceiling space requirements:	Ceiling cutout (Ø 4.5") Ceiling minimum thickness (0.375") Ceiling maximum thickness (1.25") Minimum ceiling depth (5.5")
Operating Ambient Temperature:	-20°C to 40°C
Operating Environment:	Wet location compatible (except Hex louver version)

Ordering Guide Example: NBLM4-OF-SB-D1-UN3-MW-NFE4-35K-90-MF-TFL-WH-CG-WH

NBLM4										
Family Name	Installation	Mounting	Mounting Option	Driver	Voltage	Output (no minal 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					11L	8.3W 1100lm
	RM	Remodel NON-IC	RM	Remodel					14L	10.5W 1400lm
									17L	12.7W 1700lm
									21L	15.2W 2100lm
									24L	17.7W 2400lm
									27L	20.4W 2700lm
				S1*	Signify 1%		UNV	120-277V	30L	23.7W 3000lm
									34L	27.4W 3400lm
									39L	31.8W 3900lm

These selections are only available for OF or RM installation types that are NON-IC.

*Available in UNV 120-277V only				Contact factory for 347V	†The combination of MW with D1 and UN3 constitutes a standard option.				
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NFE4			90	
Light Engine	CCT	CRI	Optics	
NFE4	4" Fixed engine	30K	3000K	90
		35K	3500K	
		40K	4000K	
			SP	22° Spot
			MS	26° Medium Spot
			MF	39° Medium Flood
			WF	60° Wide Flood
			OV	25 x 60° Oval Beam
			WW	Wall Wash

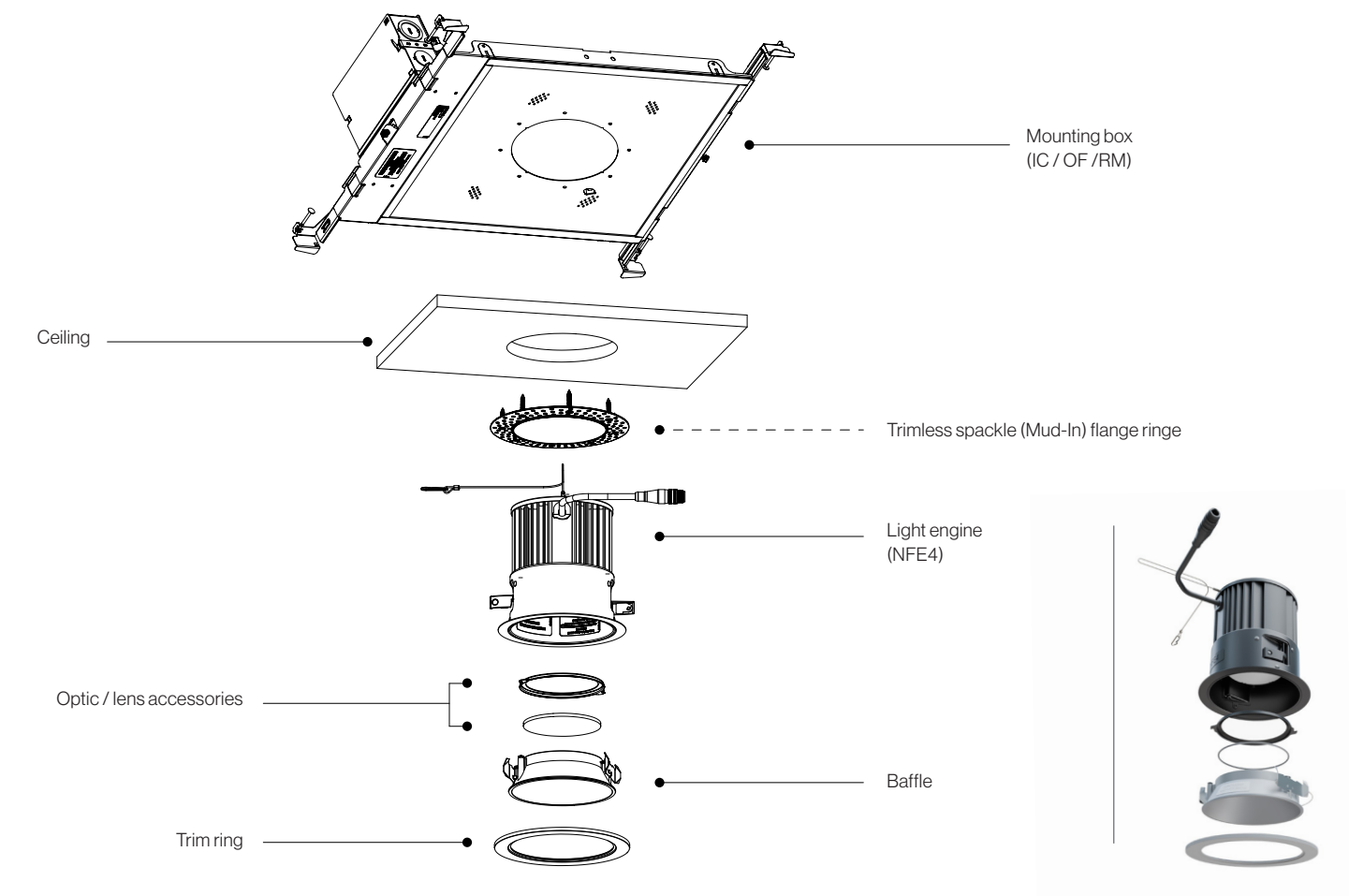
Trim Style	Baffle Colour	Lens Accessories²	Trim Ring	Others
TFL	Trim flanged	WH	White	
TSP	Trimless spackle	BK	Black	EM
		SV	Silver	Emergency battery pack
		FG	Frosted glass	
		LS	Linear spread	
		HL	Hex louver	
		NN	None	

²CG-clear glass is standard

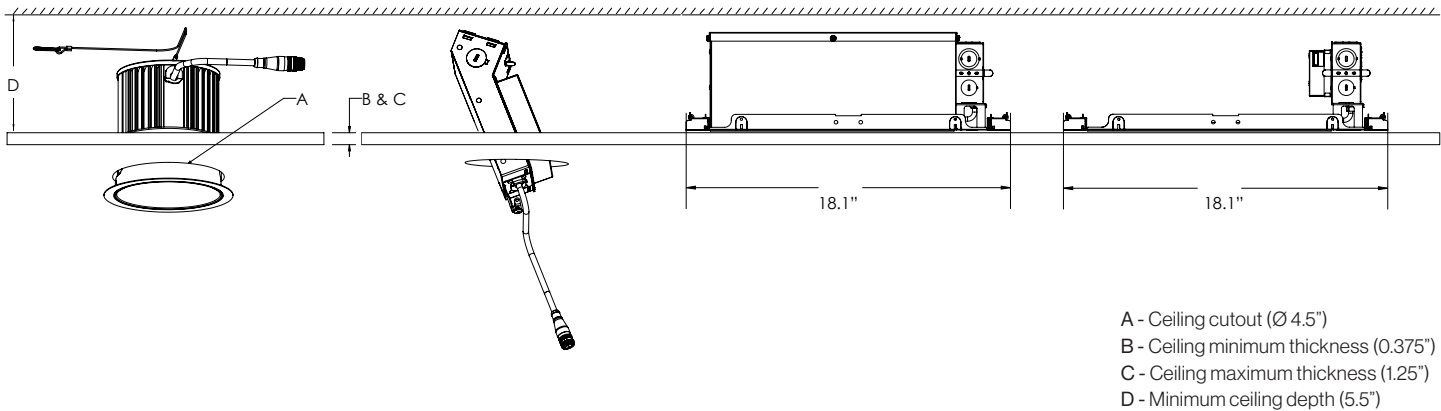
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Exploded Overview



Ceiling Requirements

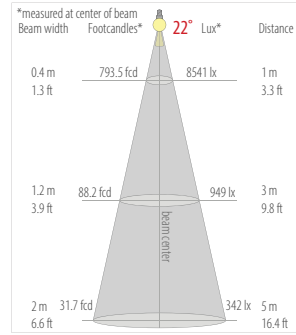
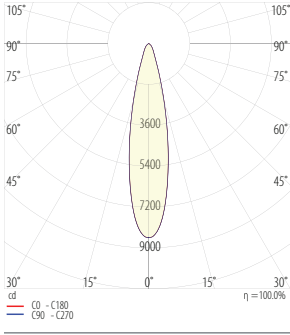


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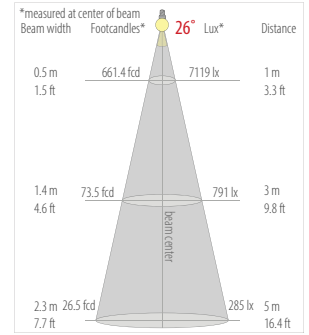
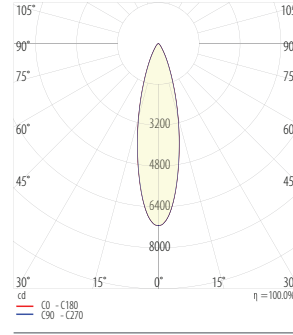


Photometric Information

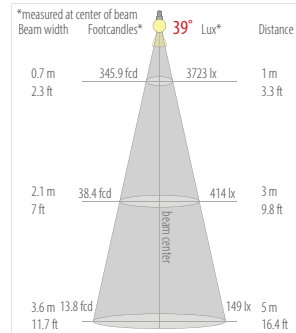
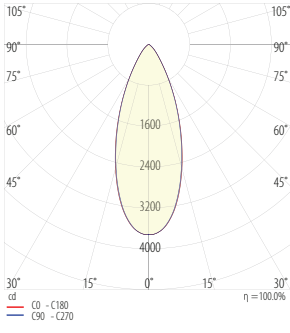
SP - 22° Spot, 4000K, 2100lm



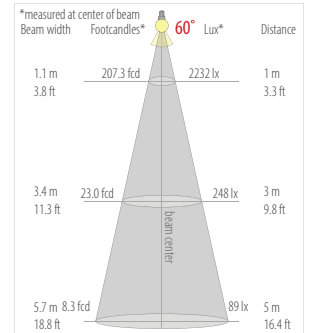
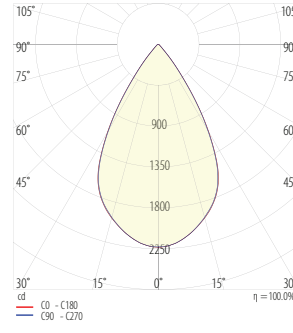
MS - 26° Medium Spot, 4000K, 2100lm



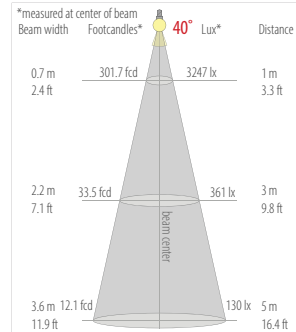
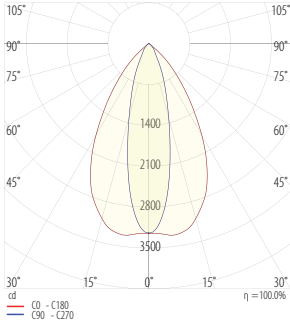
MF - 39° Medium Flood, 4000K, 2100lm



WF - 60° Wide Flood, 4000K, 2100lm



OV - 25 x 60° Oval Beam, 4000K, 2100lm



WW - Wall Wash, 4000K, 2100lm

