

OPUS ZOOM SPOTLIGHT

By VONN Lighting

VOM40S42



PROJECT:

TYPE:

CATALOG#:

DATE:



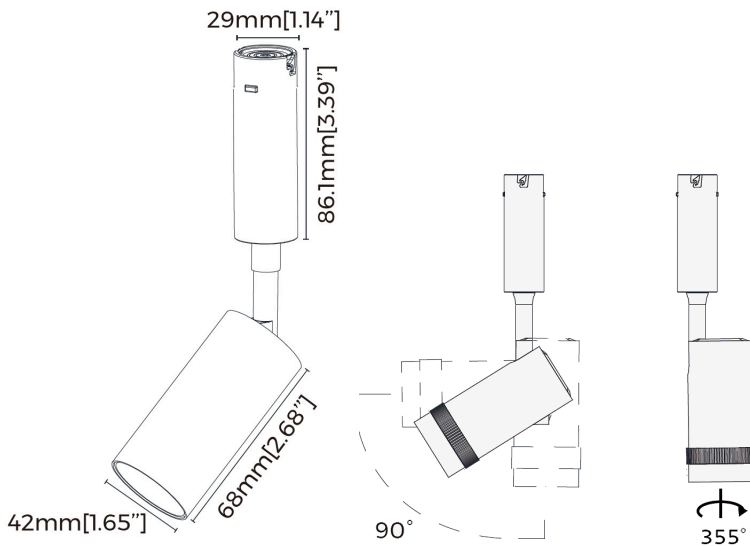
DESCRIPTION

- Spotlight
- 18°/24°/36°/50°/
- Black
- 42mm
- 6W
- 2700K/3000K/4000K
- Ra90
- Non-dimming

FEATURES

- Installation: Ceiling
- Material: AL1070
- Coating: Black/White(Customizable) optional
- Dimming method: Non/DALI-2/CASAMBI
- Input voltage: DC48V
- SDCM: <3 Step (ANSI)
- UGR: <10
- CRI: 90
- CCT: 2700/3000/4000K, 3000K-3800K-5000K optional
- Beam angle: 15°/24°/28°/36°/50°
- Application: Indoor
- IP grade: IP20
- Warranty: 5 years
- Certification: CE, UKCA, ETL, ROHS, Reach

DIMENSIONS



SPECIFICATION

MODEL	DIMENSIONS	VOLTAGE	WATTAGE	CRI	BEAM ANGLE	CCT	LUMENS
VOM40S42	L 68mm (2.68) x W 42mm (1.65")	DC48V	6.6W	>90	15°/24°/36°/50°	2700K	420
						3000K	445
						4000K	480
					28°/36°/50°	3000K	445
						3800K	480
						5000K	470

Note:
 1. The above parameters of normal version were tested based on 4000K and all angles, Normal-3CCT Dial switch version were tested based on all color and angles.
 2. Luminous flux is allowed to have a ±10% error range;
 3. The above parameters are typical values.

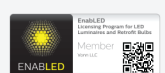
Theoretical Lumens: XXX LM (subject to change)

Theoretical Wattage: XXX W (subject to change)

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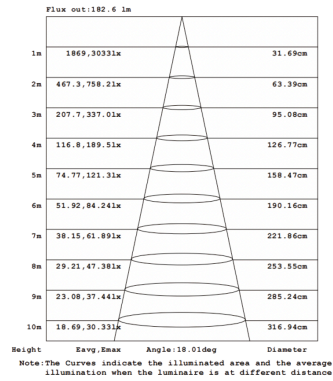
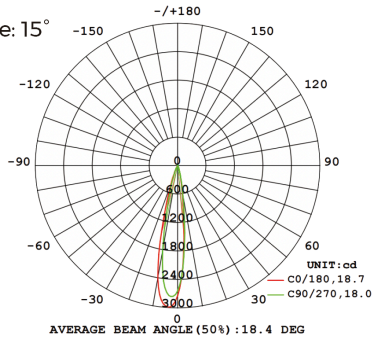
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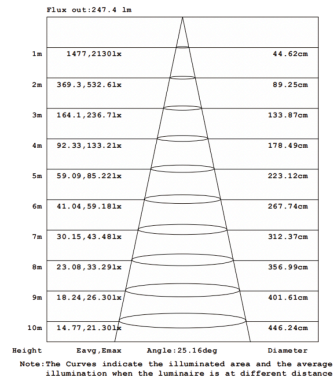
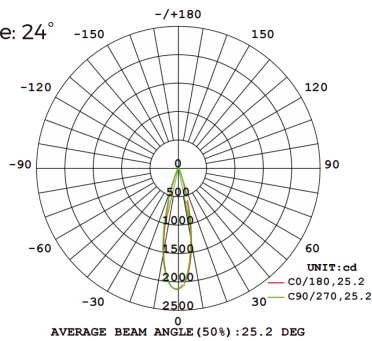
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PHOTOMETRICS

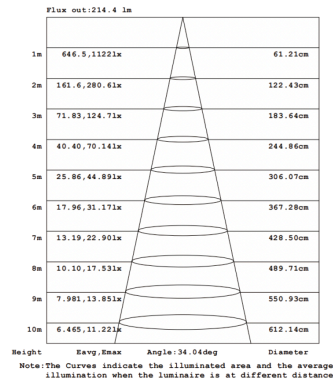
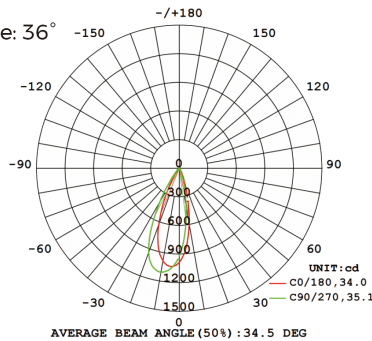
· Beam angle: 15°



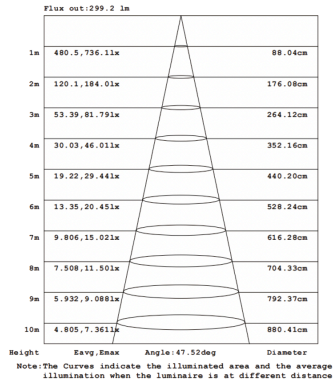
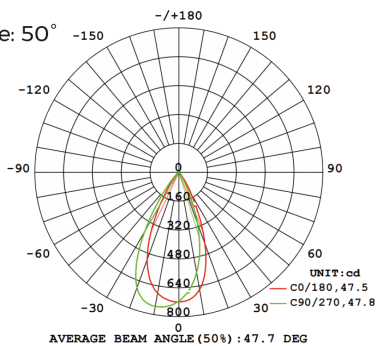
· Beam angle: 24°



· Beam angle: 36°



· Beam angle: 50°



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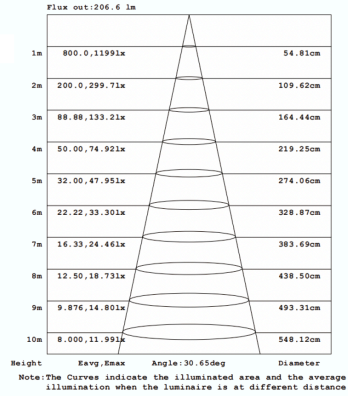
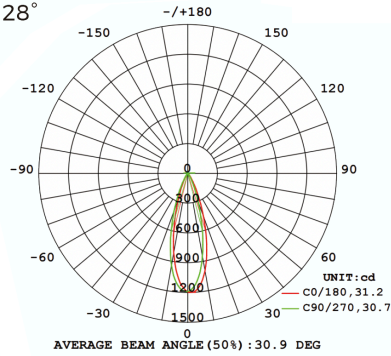
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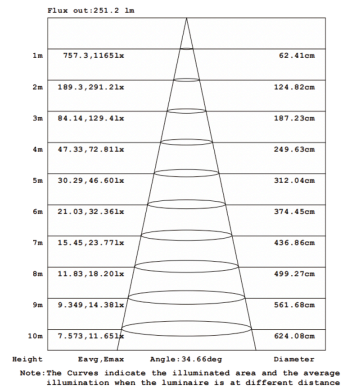
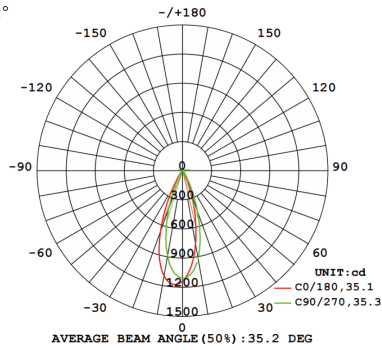
PHOTOMETRICS

Normal-3CCT Dial switch version

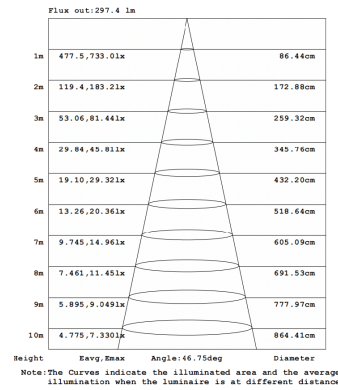
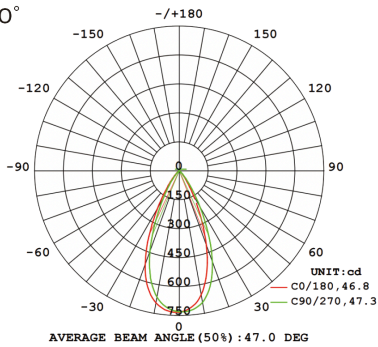
· Beam angle: 28°



· Beam angle: 36°



· Beam angle: 50°



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UGR

ceiling/cavity		0.7	0.7	0.5	0.5	0.3	0.7	0.7	0.5	0.5	0.3
walls		0.5	0.3	0.5	0.3	0.3	0.5	0.3	0.5	0.3	0.3
working plane		0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Room dimensions		Viewed crosswise					Viewed endwise				
x = 2H y = 2H		9.0	9.6	9.3	9.8	10.0	9.6	10.3	9.9	10.5	10.7
	3H	8.9	9.4	9.1	9.7	9.9	9.5	10.1	9.8	10.3	10.5
	4H	8.8	9.3	9.1	9.6	9.9	9.4	9.9	9.7	10.2	10.5
	6H	8.7	9.2	9.0	9.5	9.8	9.3	9.8	9.6	10.1	10.4
	8H	8.7	9.2	9.0	9.5	9.8	9.3	9.8	9.6	10.1	10.4
	12H	8.6	9.1	9.0	9.4	9.8	9.2	9.7	9.6	10.1	10.4
4H	2H	8.8	9.4	9.1	9.6	9.9	9.4	10.0	9.7	10.2	10.5
	3H	8.6	9.1	9.0	9.4	9.8	9.2	9.7	9.6	10.0	10.4
	4H	8.5	9.0	8.9	9.3	9.7	9.1	9.6	9.5	9.9	10.3
	6H	8.4	8.8	8.9	9.2	9.6	9.0	9.4	9.5	9.8	10.2
	8H	8.4	8.8	8.9	9.2	9.6	9.0	9.4	9.5	9.8	10.2
	12H	8.4	8.7	8.9	9.2	9.6	9.0	9.3	9.5	9.8	10.2
8H	4H	8.4	8.7	8.8	9.1	9.6	9.0	9.3	9.4	9.7	10.2
	6H	8.3	8.6	8.8	9.0	9.5	8.9	9.2	9.4	9.6	10.1
	8H	8.3	8.5	8.8	9.0	9.5	8.9	9.1	9.4	9.6	10.1
	12H	8.3	8.5	8.8	9.0	9.5	8.9	9.1	9.4	9.6	10.1
12H	4H	8.3	8.7	8.8	9.1	9.5	8.9	9.3	9.4	9.7	10.1
	6H	8.2	8.5	8.7	9.0	9.5	8.8	9.1	9.3	9.6	10.1
	8H	8.2	8.5	8.7	9.0	9.5	8.8	9.0	9.3	9.5	10.1
Variations with the observer position at spacings:											
S = 1.0H		+ 2.5 / - 7.2					+ 2.7 / - 5.8				
1.5H		+ 3.4 / - 4.9					+ 3.6 / - 4.2				
2.0H		+ 5.4 / - 9.0					+ 5.3 / - 9.8				

CIE Pub.117, 454.6 lm Total Lamp Luminous Flux Correct ($8\log(F/F_0) = -2.7$)

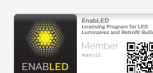
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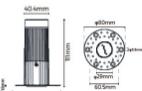
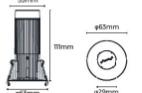
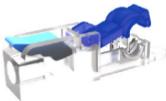
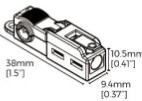
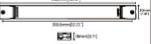
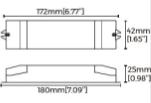
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Picture	Section size	Name	Description	Model	Note
		Base	Material: PC+ADC12 Input Voltage:DC48V Coating:Black:White Open Size: φ42-45mm Rated Power:150W Rated Current:3A Maximum load: 8Kg/Lamp	VRA-HR40(N)	
		Base	Material: PC+ADC12 Input Voltage:DC48V Coating:Black:White Open Size: φ55mm Rated Power:150W Rated Current:3A Maximum load: 1Kg/Lamp	VRA-HE40	
		Quick connector	Material:PA6 Size:L38*W9.4*H10.5mm [Inch Size: L1.5"*W0.37"*H0.41"] Applicable wires: solid wire:0.5-4mm ² stranded wire:0.5-2.5mm ² Rated Voltage:250V/600V Rated Current:32A	VTB-02	
		Power supply	Dimming mode: Non-dimming Size:350*30*18mm Input voltage:AC220~240V Operating frequency: 50/60Hz PF value:≥0.9 Output voltage:48V Output current:2.1A Power:0-100W Efficiency:0.9	VBN-V48-100P	Power supply Accessories
		Power supply	Dimming mode: Non-dimming Size:350*30*18mm Input voltage:AC220~240V Operating frequency: 50/60Hz PF value:≥0.95 Output voltage:48V Output current:3.125A Power:0-150W Efficiency:0.9	VBN-V48-150P	
		Power supply	Dimming mode: Non-dimming Size:400*40*22mm Input voltage:AC220~240V Operating frequency: 50/60Hz PF value:≥0.95 Output voltage:48V Output current:5.12A Power:0-250W Efficiency:0.9	VBN-V48-250P	
		CASAMBI controller	Dimming mode: CASAMBI Size :80*42*25mm [Inch Size:7.09"*1.65"*0.98"] Input voltage :24-48VDC Output signal:DALI Output DALI Max.current: 250mA Control devices:≤64 Control groups:≤8	V1200ENI612-CAS -0-0000003	Controller should be used with DALI dimming modules.

2. Total power of modules during work < 80%~85% output power of supply



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