

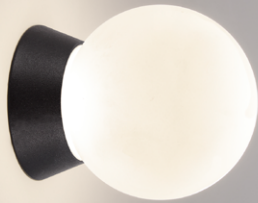
COMPASS BULB

SURFACE



Project: _____

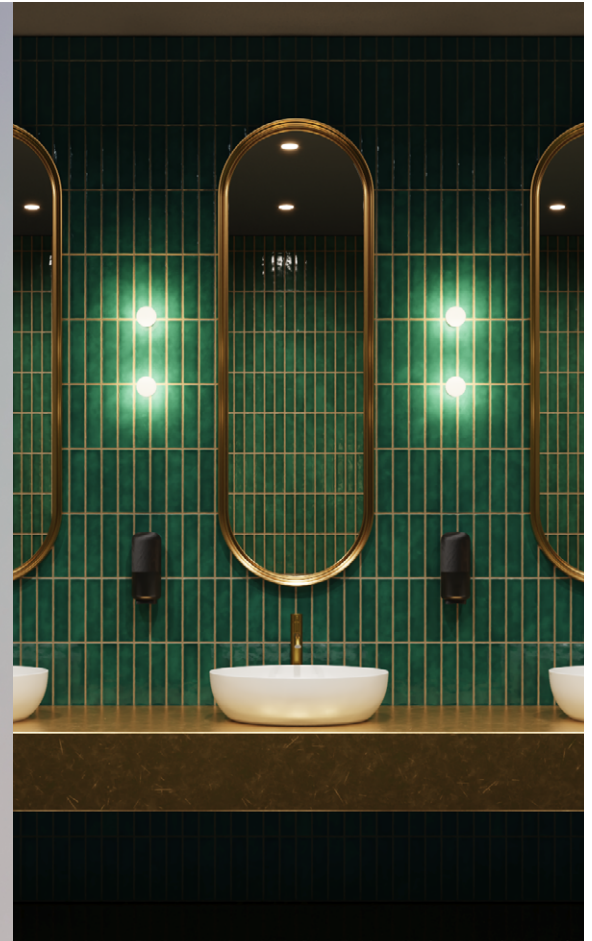
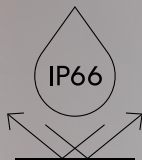
Type: _____



The Compass Bulb is an IP66-sealed, 3" surface-mounted luminaire designed for indoor and outdoor applications. It installs on walls or ceilings to deliver an even diffusion of light through its spherical form, creating balanced, comfortable illumination visible from every angle.



Compass
Brochure



Order Guide

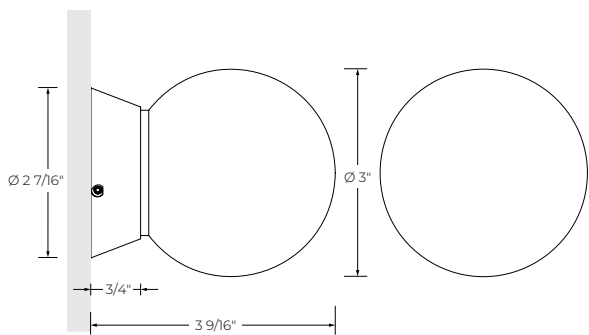
LUMINAIRE ID	SIZE	OPTIC	LIGHT SOURCE	CRI	OUTPUT WATTAGE
CBLBS	3IN	RADO	SW	90CRI	4W
CBLBS - Compass Bulb Surface	3IN - 3"	RADO - Radial Ambient Direct Optic	SW - Static white	90CRI - 90+ CRI	4W - 4 W output, up to 370 lm
COLOR TEMPERATURE	VOLTAGE	REMOTE DRIVER ¹	WIRE HARNESS LENGTH ²	FINISH ⁴	
		RD1			
24K - 2400K 27K - 2700K 30K - 3000K 35K - 3500K 40K - 4000K 50K - 5000K	120V - 120V 277V - 277V UNV - 120V-277V 347V - 347V	RD1 - 1% 0-10V ¹ Remote Driver Boxes are not IP rated.	10FT - 10' 20FT - 20' 30FT - 30' 50FT ³ - 50' 70FT ³ - 70' 90FT ³ - 90' ² Low-voltage, plenum-rated wire harness. ³ Wire harness lengths longer than 30' are not watertight.	FTMW - Matte white FTMB - Matte black CF# - Custom finish, specify RAL# ⁴ See page 3 for more finish options.	

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Dimensions



Photometrics

Values calculated based on 3500K.

W	LM	LM/W
4 W	370	92

MULTIPLIER

Please follow the multiplier table to ensure correct lumen value. CCT will change the lumen value.

CCT	
2400K	0.87
2700K	0.94
3000K	0.98
3500K	1
4000K	1.05
5000K	1.05



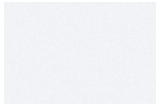
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Fixture Finishes

Standard



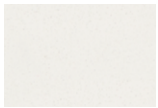
TMW - Matte White



TMB - Matte Black

Custom

Neutrals



CRM - Cream



GRY - Gray



STG - Steel Gray

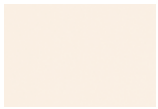


SAG - Sage Gray

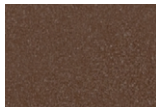


BLB - Black Blue

Designer



ALM - Almond



RST - Rust Fine
Texture



GRB - Green Beige



YLW - Yellow



SLM - Salmon Pink



VIO - Pastel Violet



RED - Red



PRR - Purple Red



SMB - Storm Blue



DPB - Deep Blue



OCB - Ocean Blue



BLG - Blue Green



GNS - Green Smoke



MNG - Mint Green

Metallics



CHP - Champagne



DBZ - Dark Bronze



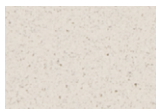
CNY - Canyon

Premium Custom

Neutrals



MOG - Moss Gray



QRZ - Quartzite
Texture



LMG - Lime Green



GLD - Gold



IRN - Iron Ore



SBP - Sandblast
Copper



SWD - Sandalwood

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Technical Specifications

OPTIC

Radial Ambient Direct Optic (RADO)

The Radial Ambient Direct Optic (RADO) delivers uniform, visually comfortable illumination with a soft, radial distribution. The acrylic construction ensures consistent brightness and balanced luminance within architectural spaces.

LIGHT SOURCE

Compact COB (Chip-On-Board) LED module, available in 2400K, 2700K, 3000K, 3500K, 4000K, and 5000K, and 90+ CRI with elevated R9 value. Color consistency is maintained to within 2 SDCM. All LEDs have been tested in accordance with IESNA LM-80-08 and the results have shown L80 lumen maintenance greater than 60,000 hours. Absolute product photometry is measured and presented in accordance with IESNA LM-79, unless otherwise indicated.

ELECTRICAL

Unless otherwise specified, dimming down to 1%. At maximum driver load: efficiency > 84%, PF > 0.9, THD < 20%.

Remote: 0-10V

PoE

Depending on the PoE manufacturer selected, Lumenwerx will install the node in factory as either integral to the luminaire, or as a remote module. Factory programming of the PoE node may or may not enable the following functionalities: lumen package, DUO (tunable white), QUADRO (RGBW), emergency battery backup, and sensor integration. These must be addressed and evaluated on a case-by-case basis.

CONSTRUCTION

Housing: Machined aluminum

Lens: Acrylic

FINISH

Standard powder-coat paint available in matte white and black. Custom colors are also available.

WEIGHT

0.9 lbs - 0.4 kg

CERTIFICATION

ETL: IP66-Rated for Wet location. Conforms to UL Standard 1598 and certified to CAN/CSA Standard C22.2 No. 250.0. During the installation of Wet Listed fixtures, the contractor is responsible for properly sealing all mounting and electrical connection points.

IP66-Rated: Dust tight + protected against powerful jetting.

WARRANTY

Lumenwerx provides a five-year limited warranty on electrical and mechanical performance of the luminaires, including the LED boards, drivers, and auxiliary electronics. Lumenwerx will repair or replace defective luminaires or components at our discretion, provided they have been installed and operated in accordance with our specifications. Other limitations apply, please refer to the full warranty on our website.