

PROJECT:	SPECIFIER:	TYPE:	QTY:	DATE:
1	2	3	4	5
6	7	8	9	10



TECH OPTIONS



DESCRIPTION

Architectural grade downlight with elegant, modern design. Milled aluminum housing, bezel and trim available in wide range of finishes. Open trim aluminum anodized spun reflector with multiple distribution options. Inherently protected luminaire with IC and non-IC options available. Thermal protection in case of improper insulation use. Extruded aluminum anodized heat sink. Positive retention springs allow for easy installation and prevent sagging.

FEATURES

Housing & Trim: milled aluminum, powder coat or bespoke plating finish

Cutout: round

Optic: aluminum spun reflector, anodized finish

Beams: narrow, medium, wide

Lumen Output (nominal): up to 1500+ lm, 78.6 lm/W

Mounting: tool-free installation with positive retention springs, IC & Non-IC

Heat Sink: anodized aluminum

LED: PerfectWhite™ human centric, Static white CRI 90+ & 95+, Sunlike 97,

Tunable white, Warm dim, Lumenetix RGBW

*≤1x3 SDCM standard, ≤1x2 SDCM available upon request

DIMENSIONS

Optic (A): 1.90"

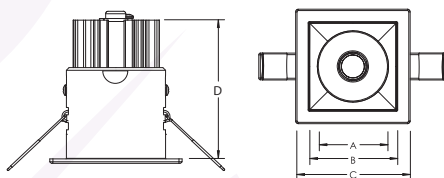
Bezel (B): 2.29"

Flange (C): 2.96"

Height (D): 3.45" - 4.80"

Ceiling Opening: 2.5"

Ceiling Thickness: ½" - 2" thk



WARRANTY 5 Year Limited Warranty (Covers Standard Components)

RATINGS & CERTS Made In USA with Global Components
Damp Location Rated



1: TYPE	SB2-RD	Square Recessed Downlight
2: LED COLOR & CRI	LX90-RGBW* PC90-30K SW90-27K SW90-30K SW90-35K SW90-40K SW90-50K SW95-27K SW95-30K SW95-35K SW95-40K SL97-27K SL97-30K SL97-35K SL97-40K SL97-50K TW90-4018K TW90-6527K WD92-4027K WD97-3018K	Lumenetix RGB + 8000-1650K White 90+ 3000K PerfectWhite™ 90+ 2700K Static White 90+ 3000K Static White 90+ 3500K Static White 90+ 4000K Static White 90+ 5000K Static White 90+ 2700K Static White 95+ 3000K Static White 95+ 3500K Static White 95+ 4000K Static White 95+ 2700K Sunlike 97 3000K Sunlike 97 3500K Sunlike 97 4000K Sunlike 97 5000K Sunlike 97 Tunable White 4000-1800K 90+ Tunable White 6500-2700K 90+ Warm Dim 4000-2700K 92+ Warm Dim 3000-1800K 97+

3: LUMENS	07LM	700 lm
	10LM	1000 lm
	15LM	1500 lm

4: VOLTAGE	U	120-277Vac
	1	120Vac
	2	277Vac

5: DIMMING / DRIVER	10V	<10% Dim 0-10V
	AVI	Bluetooth Avi-on BLE Wireless for static white, warm-dim, tunable white & RGBW
	10V1	1% Dim 0-10V
	10VMC1	1% Dim 0-10V multi-channel for tunable white, warm dim & Lumenetix full color presets + tunable white
	10VZ1	0.1% Dim 0-10V
	ELV1	1% Dim Leading & trailing edge (Triac/ ELV)
	LTEA	1% Dim Lutron Hi-Lume 2-Wire (120V only)
	LUT1	1% Dim Lutron Hi-Lume EcoSystem Soft-on & Fade Black
	LUTZ1*	0.1% Dim Lutron Hi-Lume Premium EcoSystem Soft-On & Fade Black for static white & Lumenetix tunable white
	ELD1	1% Dim eldoLED ECOdrive
	ELDZ1	0.1% Dim eldoLED SOLOdrive
	DMXZ1	0.1% Dim DMX for tunable, warm dim, & Lumenetix tunable full color and white
	DALI2	0.1% Dim DALI2 for tunable white, warm dim & Lumenetix tunable white
	WATTZ1	0.1% Dim Wattstopper DLM for Lumenetix tunable white

6: OPTIC	BNF	25° Faceted Reflector, Specular
	BM	40° Reflector, Specular
	BMF	40° Faceted Reflector, Haze
	BW	55° Reflector, Haze

7: REFLECTOR FINISH	ACL	Clear Anodize	AGH	Graphite Anodize
	PWH	White Matte Paint	ABR	Bronze Anodize
	PBK	Black Matte Paint	AWE	Wheat Anodize
	ABK	Black Anodize		

8: BEZEL & TRIM FINISH	WH	White Matte	CC	Copper Chrome Plated
	BK	Black Matte	BS	Black Satin Plated
	WB	White Flange, Black Bezel	BC	Black Chrome Plated
	BZ	Oil-rubbed Bronze Brush Plated	BR	Brass Plated
	LB	Light Bronze Plated	NS	Nickel Satin Plated
	CS	Copper Satin Plated	NC	Nickel Chrome Plated

9: IC RATING (OPTIONAL)	IC	Insulated ceiling
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**All luminaires are inherently protected, enclosed box not required for IC rating.*

10: ACCESSORY	HB	Ceiling plate with hanger bars
	EN	Enclosed box with ceiling plate & bars
	FMC	Flex metal whip, 24-inch for AC power
	BB7	Battery Backup 7W for 90 mins
	BB11	Battery Backup 11W for 90 mins
	BB24	Battery Backup 24W for 90 mins
	347STEP	347-277Vac Step Down TF w/ 18" whip
	480STEP	480-277Vac Step Down TF w/ 18" whip

LED POWER INFO *Insulated ceiling (IC) rating up to 10.7W*

Static White LED 90+ CRI @ 3000K (nominal)

Ordering Code	Lumens, Nominal Delivered	Input Power, Nominal	Efficacy, Nominal
07LM	760 lm	9.83W	77.3 lm/W
10LM	1,064 lm	13.76W	77.3 lm/W
15LM	1,519 lm	19.32W	78.6 lm/W

PerfectWhite LED 90+ CRI @ 3000K (nominal)

Ordering Code	Lumens, Nominal Delivered	Input Power, Nominal	Efficacy, Nominal
07LM	791 lm	13.68W	57.9 lm/W
10LM	1,129 lm	19.20W	58.8 lm/W

Warm Dim LED 92+ CRI @ Full Intensity (nominal)

Ordering Code	Lumens, Nominal Delivered	Input Power, Nominal	Efficacy, Nominal
07LM	761 lm	14.36W	53lm/W
10LM	1,086 lm	20.17W	53.9 lm/W

Sunlike LED 97 CRI @ 3000K (nominal)

Ordering Code	Lumens, Nominal Delivered	Input Power, Nominal	Efficacy, Nominal
06LM	597 lm	10.06W	59.4 lm/W
08LM	815 lm	14.08W	57.9 lm/W
12LM	1,200 lm	19.89W	60.4 lm/W

Tunable White LED 90+ CRI @ Cool CCT (nominal)

Ordering Code	Lumens, Nominal Delivered	Input Power, Nominal	Efficacy, Nominal
05LM	521 lm	8.55W	60.9 lm/W
10LM	990 lm	17.11W	57.9 lm/W

LM Multiplier 1 LED CRI

SW90: 1.00
SW95: 0.92

LM Multiplier 2 LED Color

2700K: 0.96
3000K: 1.00
3500K: 1.03
4000K: 1.05
5000K: 1.07

LM Multiplier 3 Optic

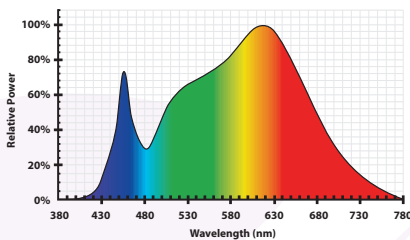
BNF: 1.06
BMF: 1.00
BM: 1.00
BW: 0.94

LM Multiplier 4 Reflector Finish

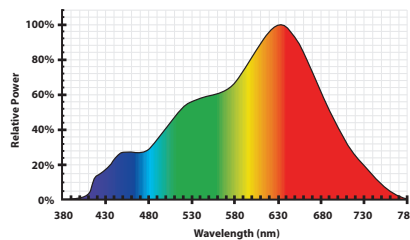
Clear: 1.00
White Paint: 0.95
Black Paint: 0.70

Calculated Delivered Lumens = Delivered Lumen Value x LED CRI x LED Color

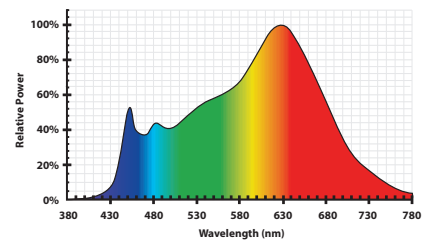
SPECTRAL POWER DISTRIBUTION



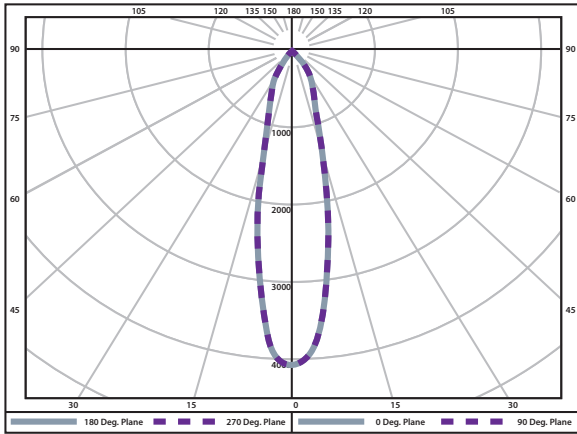
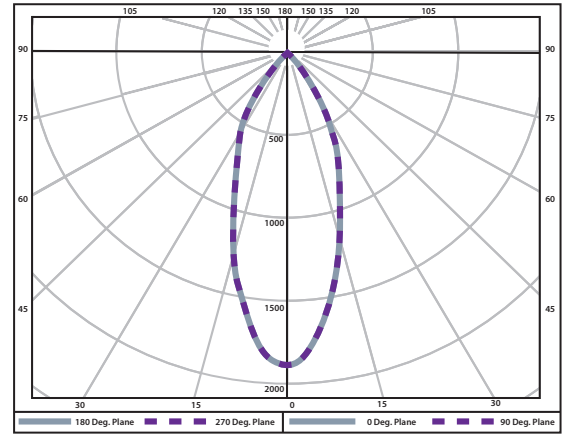
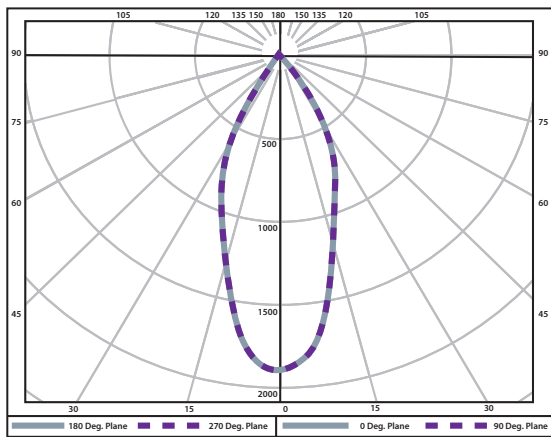
Standard LED 90+ CRI @ 3000K



SunLike LED 97 CRI @ 3000K



PerfectWhite LED 90+ CRI @ 3000K

BEAM DISTRIBUTION
BNF - 25° Narrow Facet Specular

BMF - 40° Medium Facet Haze

BM - 40° Medium Specular

BW - 55° Wide Haze
