

PHILIPS

Lighting

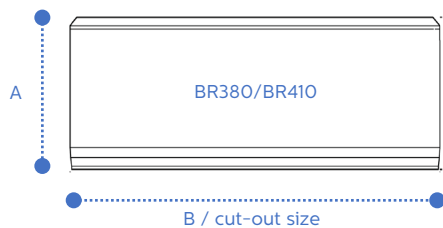
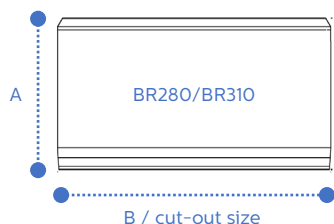
Tailored creations



Round Luminous Surface

BR Series

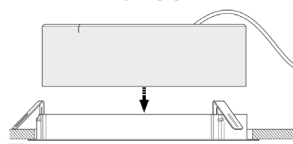
High-end disk design with different mounting options, emergency lighting and integrated lighting control.



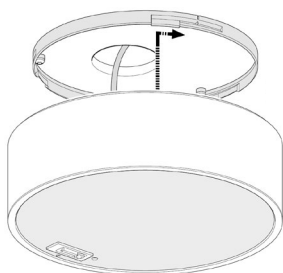
	A	B	Cut-out size
BR280 S	116	280	-
BR280 P	116	280	-
BR310 R	116		310

BR380 S	116	380	-
BR380 P	116	380	-
BR410 R	116		310

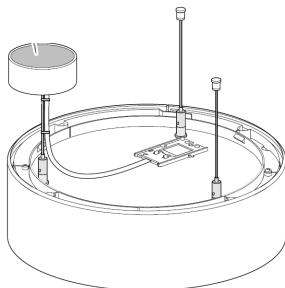
RECESSED



SURFACE MOUNTED



PENDANT



Project notes

CUSTOMER.....
 PROJECT.....
 DATE.....

Finish options

COLOR		COLOR		TEXTURE	
SATIN BLACK (9004) BK402		SATIN SILVER SI400		LAYERED FINE T102	
SATIN DARK GREY (7042) GR403		METALLIC GREEN GN410		NATURAL LINES T204	
SATIN GREY (9006) GR402		SATIN GOLD GO400		WOVEN OVAL T302	
SATIN WHITE (9003) WH401		ROSE GOLD PK410		TUFTED COARSE T214	
METALLIC BLUE BL410		METALLIC PURPLE PU410		HORIZONTAL LINES T255	

Mounting

DESCRIPTION	RECESSED-MOUNTED WITH MOUNTING RING FIXED IN CEILING SURFACE MOUNTED WITH BAJONET CLOSING MECHANISM PENDANT WITH SUSPENSION KIT AND CANOPY CONNECTORBOX
FIXTURE WEIGHT	BR280/BR310: max 2,2 KG, BR380/BR410: max 2,9 KG

Optical

DESCRIPTION	LED STRIPS WITH POLYCARBONATE COVER OPAL (PCO) DIFFUSER PLATE AND OPTIONAL (MLO) PLATE FOR OFFICE COMPLIANCE
CCT	3000K, 4000K
CRI	80+, 90+
BINNING	3000K (0.44, 0.41) SDCM < 5 4000K (0.39, 0.38) SDCM < 5
LIFETIME	50,000 hrs to L80 @ 25°C

Electrical

DESCRIPTION	PHILIPS XITANIUM DRIVERS (PSU, PSD, SWZ), EMERGENCY LIGHTING*		
	PSU	PSD	SWZ
CONTROL	NO DIMMING	DIMMING	SENSORS
CONNECTION	PUSH-IN-CONNECTION OR WIELAND (FOR RECESSED-MOUNTING)		
INPUT VOLTAGE	220-240vac		
FREQUENCY	50-60 Hz		
POWER FACTOR	min. 0.9		
DRIVER FAIL RATE	<1% @ 5,000 hrs		

*NOT POSSIBLE IN BR280/BR310 DIMENSIONS AND IN PENDANT MOUNTING



SpaceWise (SWZ)

MORE INFORMATION ON INSTALLING AND COMMISSIONING OF SPACEWISE:



Operational & certifications

PROTECTION CLASS	PCO/MLO/IP20,IK02,ELECTRICALCLASS I
AMBIENT RANGE	10° to 40°C
CERTIFICATIONS	CE, RoHS
GLOW WIRE TEST	650°
WARRANTY	5 YEARS

Power/lumen Table

Geometry	Lumen-package	Optical Characteristics			Power			Efficiency		
		Optics	CCT, CRI	System Flux [lm]	PSU [W]	PSD [W]	SWZ [W]	PSU [lm/W]	PSD [lm/W]	SWZ [lm/W]
BR280 + BR310	1000	PCO	830	1194	13.1	11.8	13.6	90.8	101.1	87.5
			840	1378	13.1	11.8	13.6	104.8	116.8	101.0
			930	1255	15.1	14.2	15.7	83.0	88.1	80.1
			940	1351	15.1	14.2	15.7	89.3	94.8	86.2
		MLO	830	921	13.1	11.8	13.6	70.0	78.0	67.5
			840	1062	13.1	11.8	13.6	80.8	90.0	77.9
			930	1255	15.1	14.2	15.7	83.0	88.1	80.1
			940	1057	15.1	14.2	15.7	69.9	74.2	67.4
	2000	PCO	830	2041	22.8	21.1	22.8	89.5	96.9	89.6
			840	2182	22.8	21.1	22.8	95.7	103.6	95.9
			930	2062	25.8	23.9	25.8	79.9	86.5	80.0
			940	2220	25.8	23.9	25.8	86.0	93.1	86.1
		MLO	830	1901	27.9	25.8	27.9	68.1	73.6	68.1
			840	2343	27.9	25.8	27.9	83.9	90.8	84.0
			930	1748	28.4	26.2	28.3	61.6	66.7	61.7
			940	1882	28.4	26.2	28.3	66.4	71.8	66.4

BR380 + BR410	2000	PCO	830	2059	20.3	18.8	20.3	101.2	109.5	101.4
			840	2273	20.3	18.8	20.3	111.8	120.9	111.9
			930	2059	22.8	21.1	22.8	90.3	97.7	90.5
			940	2132	22.8	21.1	22.8	93.5	101.2	93.6
		MLO	830	1980	25.8	23.9	25.8	76.7	83.0	76.8
			840	2273	25.8	23.9	25.8	88.1	95.3	88.2
			930	2050	32.5	30.1	32.5	63.0	68.2	63.1
			940	2221	32.5	30.1	32.5	68.3	73.9	68.3
	2500	PCO	830	2488	24.9	23.1	24.9	99.8	107.9	99.9
			840	2747	24.9	23.1	24.9	110.1	119.1	110.3
			930	2662	29.9	27.6	29.9	89.0	96.3	89.1
			940	2755	29.9	27.6	29.9	92.2	99.7	92.3
		MLO	830	2492	33.4	30.9	33.4	74.5	80.6	74.6
			840	2861	33.4	30.9	33.4	85.6	92.6	85.7
			930	2246	35.4	32.7	35.4	63.4	68.6	63.5
			940	2418	35.4	32.7	35.4	68.3	73.9	68.3
	3000	PCO	830	3003	30.5	28.2	30.5	98.3	106.4	98.4
			840	3315	30.5	28.2	30.5	108.5	117.4	108.7
			930	2992	34.1	31.5	34.0	87.8	95.0	87.9
			940	3097	34.1	31.5	34.0	90.9	98.3	91.0
		MLO	830	2739	36.7	34.0	36.7	74.5	80.6	74.6
			840	3145	36.7	34.0	36.7	85.6	92.6	85.7
	3500	PCO	830	3561	36.7	34.0	36.7	96.9	104.8	97.0
			840	3552	33.2	30.7	33.2	107.0	115.7	107.1

