

PROFIL LIGHT



LX-PL-SC5070D-A

IP 20	CRI 80/90	SDCM <3 Step	AC220V ~240V	 1-10V	 2
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	CE	UKCA			CB			LM-80	50000h
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- Matt black
- Matt blue
- Matt white
- Matt green
- Matt silver
- Champagne gold
- Matt orange
- Rose gold

- Material : AL6063-T5,spraying surface
- Color : Black/White/Silver/Orange/Blue/Green /Rose gold/Champagne gold
- CCT : 2700/3000/3500/4000/5000/6500K
- SDCM : ≤3 Step
- Installation : Ceiling/Pendant
- Dimming method : Non-dimming, 1-10V, DALI2+PUSH
- Certification : CE, UKCA, ROHS, REACH, CB, ENEC, ETL, LM-80



luxio
L I G H T I N G

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Luminaire Parameters

Model	Version	Diameter (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (mA)	CRI	Lumens (LM/PCS)	CCT
LX-PL-SC5070D-A	Regular	D450	21	AC200-240V	110	>80	2100	2700K 3000K 3500K 4000K 5000K 6500K
						>90	1806	
		D600	31	AC200-240V	160	>80	3100	
						>90	2666	
		D800	41	AC200-240V	210	>80	4100	
						>90	3526	
		D1000	53	AC200-240V	270	>80	5300	
						>90	4558	
		D1200	63	AC200-240V	320	>80	6300	
						>90	5418	
		D1500	78	AC200-240V	390	>80	7800	
						>90	6708	
		D2000	106	AC200-240V	540	>80	10600	
						>90	9116	
		D3000	159	AC200-240V	800	>80	15900	
						>90	13674	
	High-Efficiency	D450	21	AC200-240V	110	>80	2520	
						>90	2167	
		D600	31	AC200-240V	160	>80	3720	
						>90	3199	
		D800	41	AC200-240V	210	>80	4920	
						>90	4231	
		D1000	53	AC200-240V	270	>80	6360	
						>90	5470	
		D1200	63	AC200-240V	320	>80	7560	
						>90	6502	
		D1500	78	AC200-240V	390	>80	9360	
						>90	8050	
		D2000	106	AC200-240V	540	>80	12720	
						>90	10939	
		D3000	159	AC200-240V	800	>80	19080	
						>90	16409	

Note:

1. The output data is based on white coated luminaire with Ra80,4000K.
2. The above lumens data are at 4000K color temperature.
3. High-efficiency version does not do 3500K and 5000K
4. The tolerance of output data can be vary up to 15%.
5. The output data is typical value.
6. The following is an example of lumen conversion instructions:

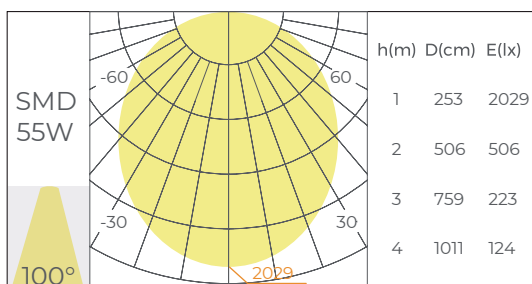
CCT	RA	Ratio of lumens (white coated luminaire)	Ratio of lumens (Other coated colors of luminaire)
2700K	80	90%	Calculate white coated luminaire lumens first, then multiply by 90 %
	90	77%	
3000K	80	93%	
	90	80%	
3500K	80	97%	
	90	83%	
4000K	80	100%	
	90	86%	
5000K	80	100%	
	90	86%	
6500K	80	100%	
	90	86%	

Note: All other lumens are to be based on white coated luminaire with 4000K,RA80(100%);and multiplied by the percentage in the table above.

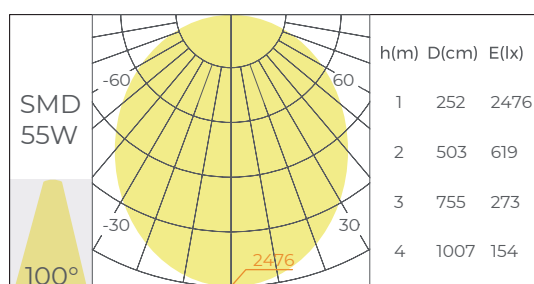
Assuming a 4000K, RA80 white coated luminaire with 1000lm lumens:

Example 1: If you need 4000K,RA90 lumens (white coated luminaire)	$1000 \times 86\% = 860\text{lm}$
Example 2: If you need 4000K,RA90 lumens (other coated colors of luminaire)	$1000 \times 86\% \times 90\% = 774\text{lm}$
Example 3: If you need 3000K,RA80 lumens (white coated luminaire)	$1000 \times 93\% = 930\text{lm}$
Example 4: If you need 3000K,RA90 lumens (white coated luminaire)	$1000 \times 80\% = 800\text{lm}$
Example 5: If you need 5000K,RA80 lumens (white coated luminaire)	$1000 \times 100\% = 1000\text{lm}$

Optical Parameters



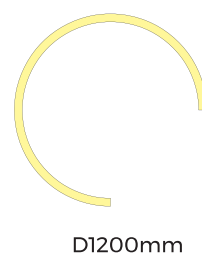
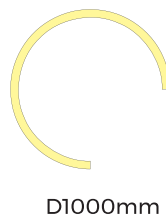
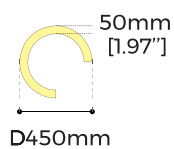
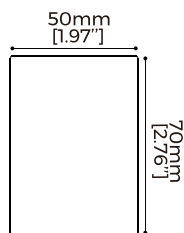
Regular version



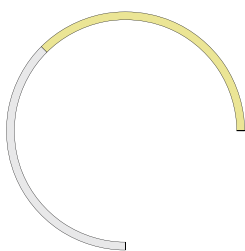
High-efficiency version

*The above data is based on a 1200mm diameter luminaire with Ra80,4000K.

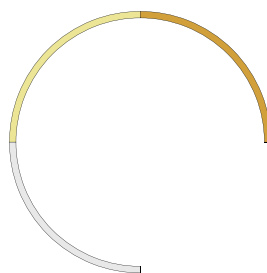
Dimensions



Case 1: For diameters $\leq 1.2\text{m}$, the lamp is to be produced as complete unit.



D1500mm
[59.05"]



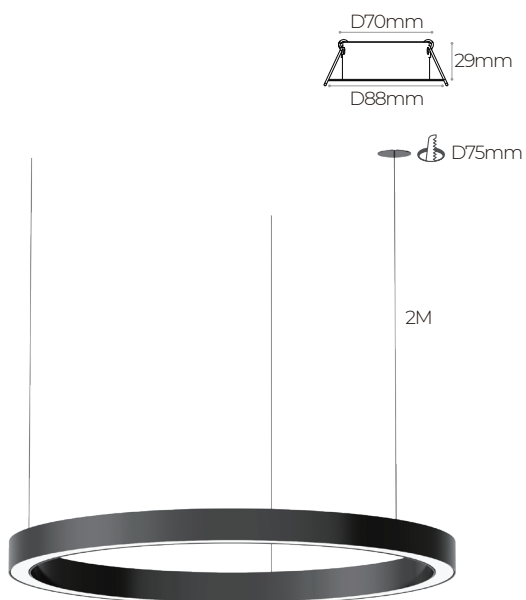
D2000/D3000mm
[78.74"/118.11"]

Installation

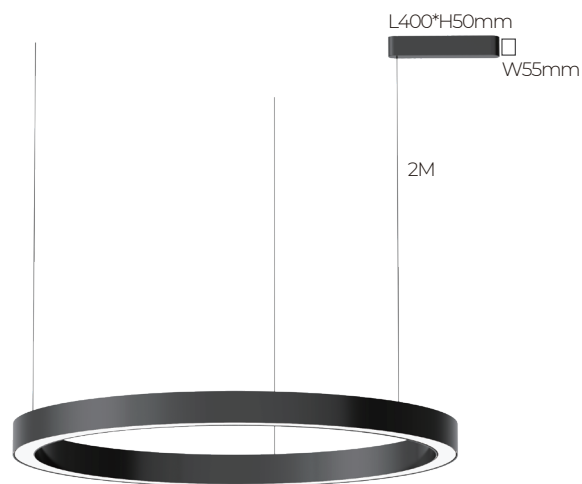
External power supply



Ceiling



Ceiling plate
(With Steel Wire Rope)



Linear Power Box
(With Steel Wire Rope)

Note:

1. The above illustration shows the installation method.
2. The above luminaire shapes are for installation illustration only.