

PROFIL LIGHT



LX-PL-EC3535D-C

IP 20	CRI 80/90	SDCM <3 Step	AC220V ~240V		
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	CE	UK CA			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 : Recessed
- Dimming method : Non-dimming, 1-10V, DALI2+PUSH
- Certification : CE, UKCA, ROHS, REACH, CB, ENEC, ETL, LM-80



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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-EC3535D-C	Regular	D450 [1.48ft]	25	AC200-240V	130	>80	2500	2700K 3000K 3500K 4000K 5000K 6500K
						>90	2150	
		D600 [1.97ft]	35	AC200-240V	180	>80	3500	
						>90	3010	
		D800 [2.62ft]	48	AC200-240V	240	>80	4800	
						>90	4128	
		D1000 [3.28ft]	60	AC200-240V	300	>80	6000	
						>90	5160	
		D1200 [3.94ft]	72	AC200-240V	360	>80	7200	
						>90	6192	
		D1500 [4.92ft]	92	AC200-240V	460	>80	9200	
						>90	7912	
	D2000 [6.56ft]	116	AC200-240V	590	>80	11600		
					>90	9976		
	D3000 [9.84ft]	186	AC200-240V	940	>80	18600		
					>90	15996		
	High efficiency	D450 [1.48ft]	25	AC200-240V	130	>80	3000	
						>90	2580	
		D600 [1.97ft]	35	AC200-240V	180	>80	4200	
						>90	3612	
		D800 [2.62ft]	48	AC200-240V	240	>80	5760	
						>90	4954	
		D1000 [3.28ft]	60	AC200-240V	300	>80	7200	
						>90	6192	
D1200 [3.94ft]		72	AC200-240V	360	>80	8640		
					>90	7430		
D1500 [4.92ft]		92	AC200-240V	460	>80	11040		
					>90	9494		
D2000 [6.56ft]	116	AC200-240V	590	>80	13920			
				>90	11971			
D3000 [9.84ft]	186	AC200-240V	940	>80	22320			
				>90	19195			

Note:

1. The output data is based on white coated luminaire with Ra80,4000K.
2. The output lumen figures are all for 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:

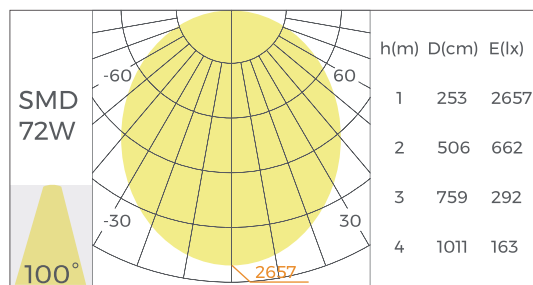
CCT	RA	Ratio of lumens (white coated luminaire)	Ratio of lumens (Other coated colors of luminaire)
2700K	80	90%	Calculate white coated luminaire lumens first, then multiply by 90 %
	90	77%	
3000K	80	93%	
	90	80%	
3500K	80	97%	
	90	83%	
4000K	80	100%	
	90	86%	
5000K	80	100%	
	90	86%	
6500K	80	100%	
	90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

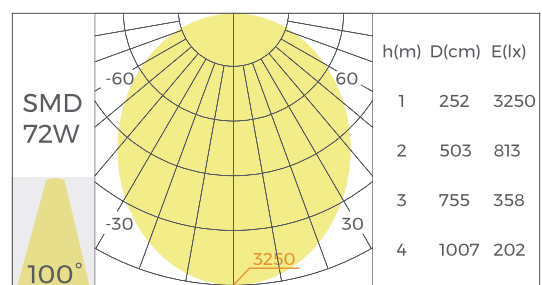
Assuming a 4000K, RA80 white coated luminaire with 1000lm lumens:

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

Optical Parameters



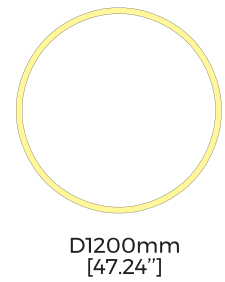
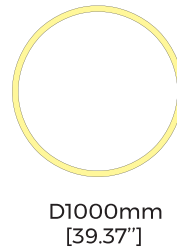
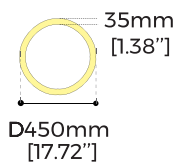
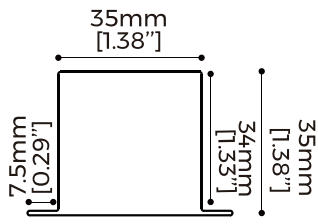
Regular version



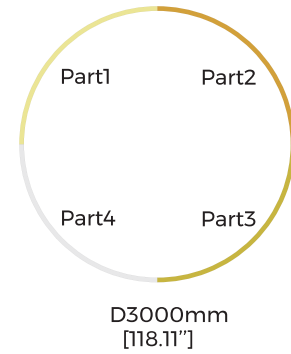
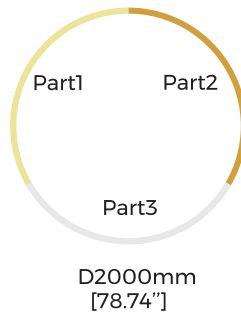
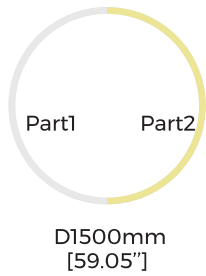
High-efficiency version

*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.



Case 2: For diameter $> 1.2\text{m}$, the lamp is to be divided into parts

Installation

External power supply



Recessed