

PROFIL LIGHT



LX-PL-EC5035D-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-EC5035D-C	Regular	D450 [1.48ft]	30	AC200-240V	150	>80	3000	2700K 3000K 3500K 4000K 5000K 6500K
						>90	2580	
		D600 [1.97ft]	41	AC200-240V	210	>80	4100	
						>90	3526	
		D800 [2.62ft]	55	AC200-240V	280	>80	5500	
						>90	4730	
		D1000 [3.28ft]	72	AC200-240V	360	>80	7200	
						>90	6192	
		D1200 [3.94ft]	78	AC200-240V	390	>80	7800	
						>90	6708	
		D1500 [4.92ft]	108	AC200-240V	550	>80	10800	
						>90	9288	
		D2000 [6.56ft]	142	AC200-240V	720	>80	14200	
						>90	12212	
	D3000 [9.84ft]	212	AC200-240V	1070	>80	21200		
					>90	18232		
	High efficiency	D450 [1.48ft]	30	AC200-240V	150	>80	3600	
						>90	3096	
		D600 [1.97ft]	41	AC200-240V	210	>80	4920	
						>90	4231	
		D800 [2.62ft]	55	AC200-240V	280	>80	6600	
						>90	5676	
		D1000 [3.28ft]	72	AC200-240V	360	>80	8640	
						>90	7430	
		D1200 [3.94ft]	78	AC200-240V	390	>80	9360	
						>90	8050	
		D1500 [4.92ft]	108	AC200-240V	550	>80	12960	
						>90	11146	
D2000 [6.56ft]		142	AC200-240V	720	>80	17040		
					>90	14654		
D3000 [9.84ft]	212	AC200-240V	1070	>80	25440			
				>90	21878			

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:

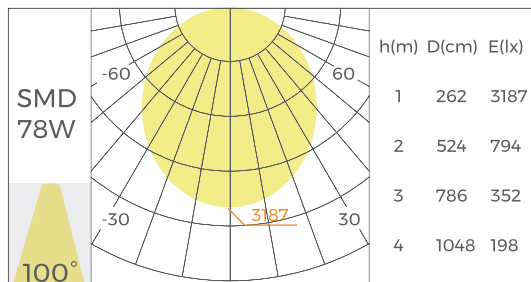
CCT	RA	Ratio of lumens (white coated luminaire)	Ratio of lumens (Other coated colors of luminaire)
2700K	80	90%	Calculate white coated luminaire lumens first, then multiply by 90 %
	90	77%	
3000K	80	93%	
	90	80%	
3500K	80	97%	
	90	83%	
4000K	80	100%	
	90	86%	
5000K	80	100%	
	90	86%	
6500K	80	100%	
	90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

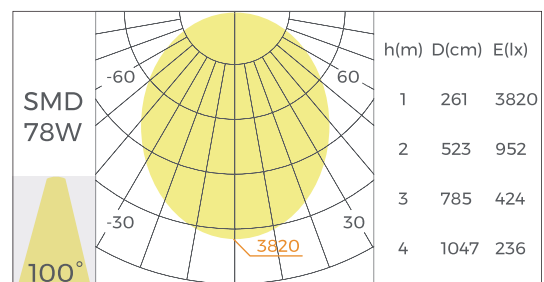
Assuming a 4000K, RA80 white coated luminaire with 1000lm lumens:

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



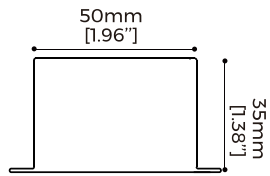
Regular version



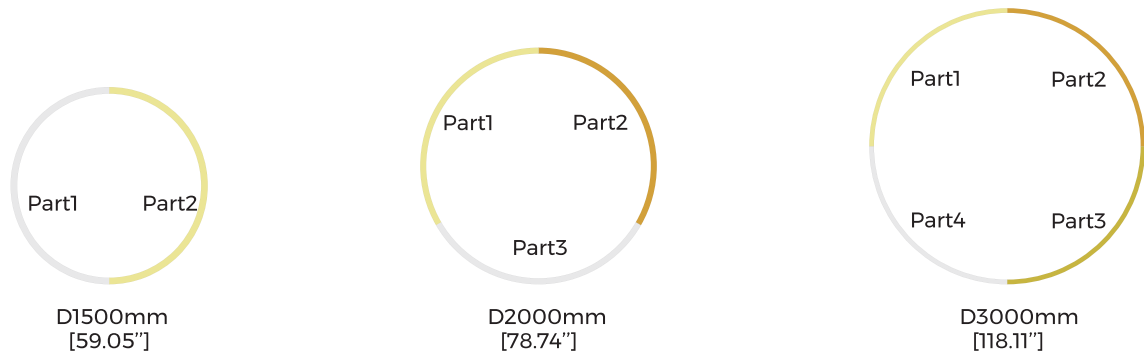
High-efficiency version

*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