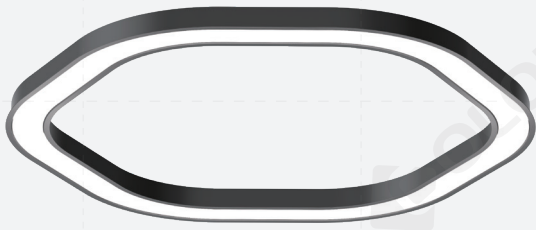


# Infinite System Specification

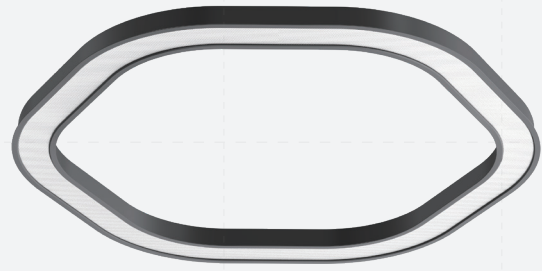
## — Hexagon series



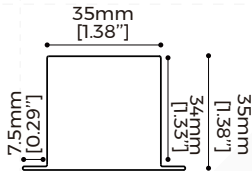
H-CE3535D  
H-CE5035D  
H-CE7035D  
H-CE3535P  
H-CE5035P  
H-CE7035P



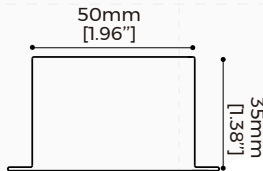
Optical: Diffuser



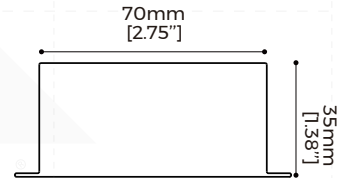
Optical: Prismatic



Model:  
H-CE3535D  
H-CE3535P



Model:  
H-CE5035D  
H-CE5035P



Model:  
H-CE7035D  
H-CE7035P

## Basic Information

### Light efficiency

<b>H-CE3535D</b> 100LM/W(Regular), 120LM/W(High-Efficiency)	<b>H-CE3535P</b> 85LM/W(Regular), 105LM/W(High-Efficiency)
<b>H-CE5035D</b> 100LM/W(Regular), 120LM/W(High-Efficiency)	<b>H-CE5035P</b> 90LM/W(Regular), 105LM/W(High-Efficiency)
<b>H-CE7035D</b> 110LM/W(Regular), 135LM/W(High-Efficiency)	<b>H-CE7035P</b> 100LM/W(Regular), 120LM/W(High-Efficiency)

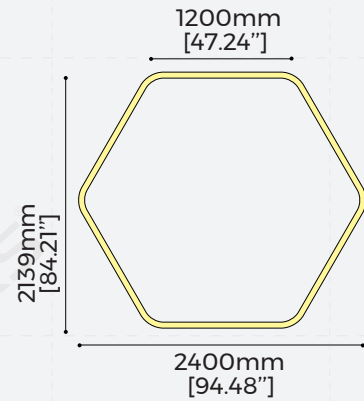
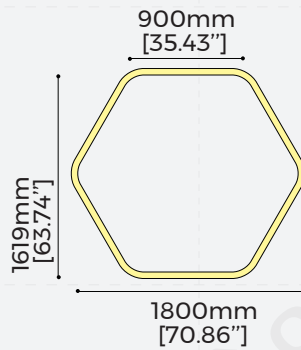
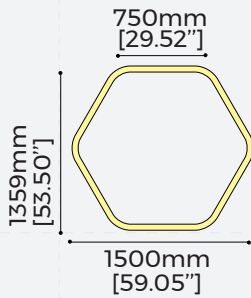
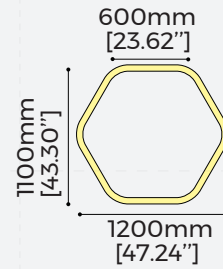
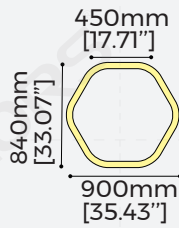
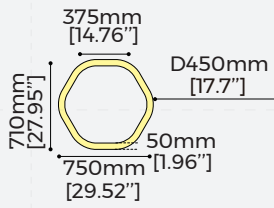
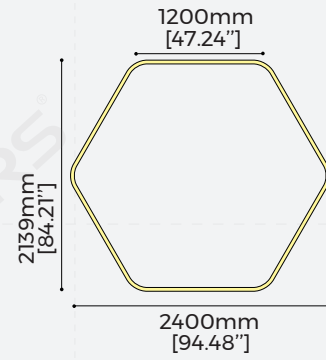
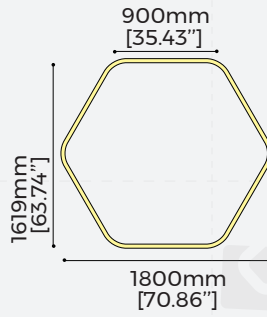
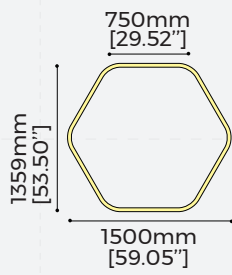
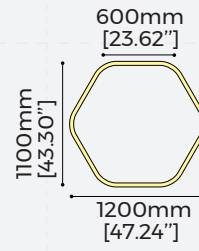
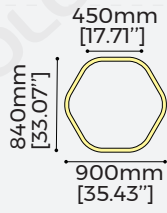
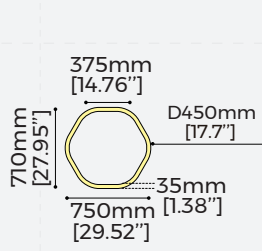
### Side length

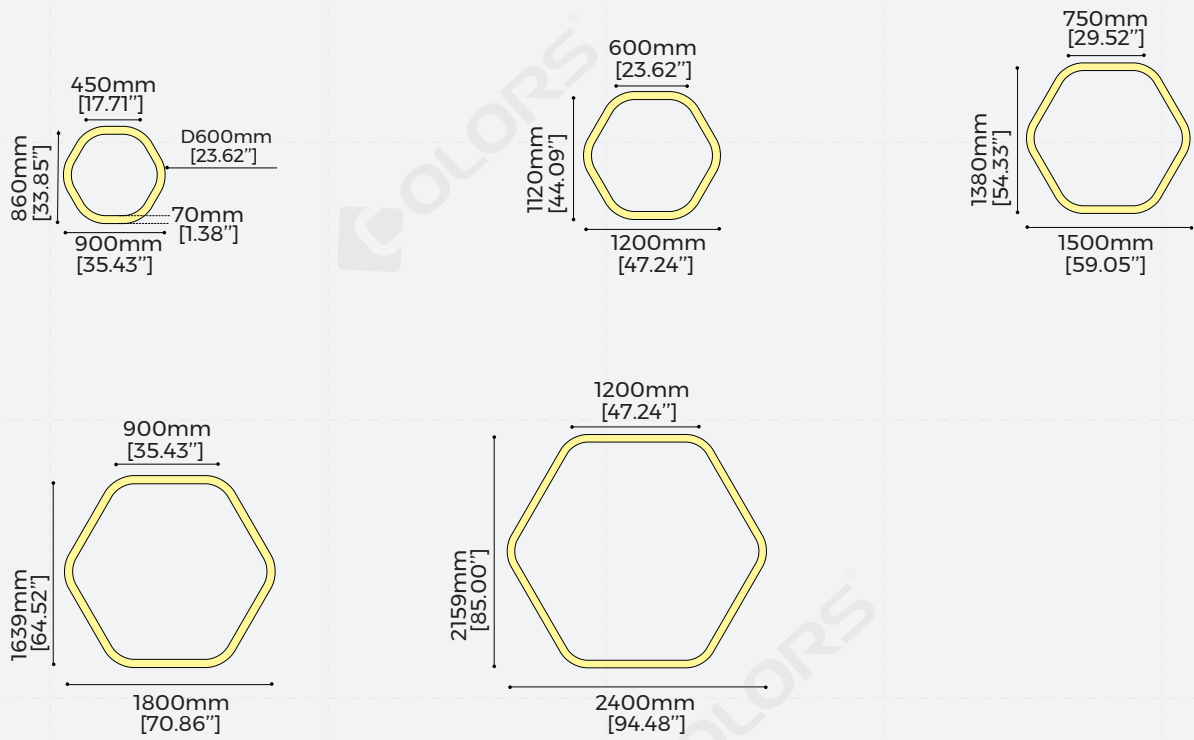
<b>H-CE3535D/H-CE3535P/H-CE5035D/H-CE5035P</b> 375/450/600/750/900/1200mm	<b>H-CE7035D/H-CE7035P</b> 450/600/750/900/1200mm
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## Common information

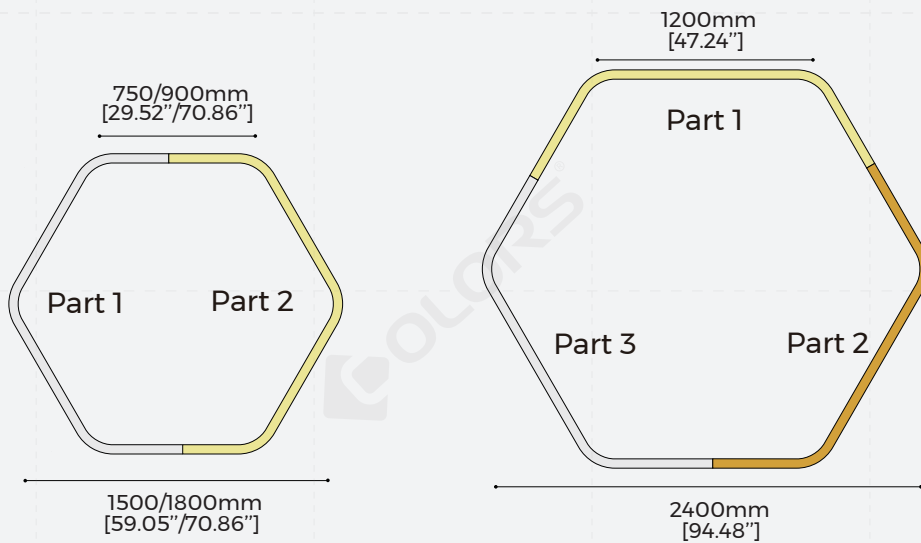
- Material: AL6063-T5, spraying surface
- Color: Black/White/Silver/Orange/Blue/Green /Rose gold/Champagne gold
- IP grade: IP20
- CCT: 2700/3000/3500/4000/5000/6500K
- CRI: >80/>90
- SDCM: ≤3 Step
- Dimming method: Non-dimming, 1-10V, DALI2+PUSH
- Application: Indoor
- Installation: Recessed
- Certification: CE, UKCA, ROHS, REACH, CB, ENEC, ETL, LM-80
- Warranty: 5 years

© Product Dimension Information





Case 1: For length of sides  $\leq 600\text{mm}$ , the lamp is to be produced as complete unit.



Case 2: For length of side  $> 600\text{mm}$ , the lamp is to be divided into parts

© Luminaire Parameters

Model	Version	Length (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (mA)	CRI	Lumens (LM/PCS)	CCT
H-CE3535D	Regular	375 [1.23ft]	45	AC200-240V	230	>80	4500	2700K 3000K 3500K 4000K 5000K 6500K
						>90	3870	
		450 [1.48ft]	54	AC200-240V	270	>80	5400	
						>90	4644	
		600 [1.97ft]	72	AC200-240V	360	>80	7200	
						>90	6192	
		750 [2.46ft]	90	AC200-240V	450	>80	9000	
						>90	7740	
		900 [2.95ft]	108	AC200-240V	550	>80	10800	
						>90	9288	
		1200 [3.94ft]	144	AC200-240V	730	>80	14400	
						>90	12384	
	High-Efficiency	375 [1.23ft]	45	AC200-240V	230	>80	5400	
						>90	4644	
		450 [1.48ft]	54	AC200-240V	270	>80	6480	
						>90	5573	
		600 [1.97ft]	72	AC200-240V	360	>80	8640	
						>90	7430	
		750 [2.46ft]	90	AC200-240V	450	>80	10800	
						>90	9288	
		900 [2.95ft]	108	AC200-240V	550	>80	12960	
						>90	11146	
		1200 [3.94ft]	144	AC200-240V	730	>80	17280	
						>90	14861	

Model	Version	Length (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (mA)	CRI	Lumens (LM/PCS)	CCT
H-CE3535P	Regular	375 [1.23ft]	45	AC200-240V	230	>80	3825	2700K 3000K 3500K 4000K 5000K 6500K
						>90	3290	
		450 [1.48ft]	54	AC200-240V	270	>80	4590	
						>90	3947	
		600 [1.97ft]	72	AC200-240V	360	>80	6120	
						>90	5263	
	750 [2.46ft]	90	AC200-240V	450	>80	7650		
					>90	6579		
	900 [2.95ft]	108	AC200-240V	550	>80	9180		
					>90	7895		
	1200 [3.94ft]	144	AC200-240V	730	>80	12240		
					>90	10526		
	High-Efficiency	375 [1.23ft]	45	AC200-240V	230	>80	4725	
						>90	4064	
450 [1.48ft]		54	AC200-240V	270	>80	5670		
					>90	4876		
600 [1.97ft]		72	AC200-240V	360	>80	7560		
					>90	6502		
750 [2.46ft]	90	AC200-240V	450	>80	9450			
				>90	8127			
900 [2.95ft]	108	AC200-240V	550	>80	11340			
				>90	9752			
1200 [3.94ft]	144	AC200-240V	730	>80	15120			
				>90	13003			

Model	Version	Length (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (mA)	CRI	Lumens (LM/PCS)	CCT
H-CE5035D	Regular	375 [1.23ft]	56	AC200-240V	280	>80	5600	2700K 3000K 3500K 4000K 5000K 6500K
						>90	4816	
		450 [1.48ft]	66	AC200-240V	330	>80	6600	
						>90	5676	
		600 [1.97ft]	90	AC200-240V	450	>80	9000	
						>90	7740	
		750 [2.46ft]	110	AC200-240V	560	>80	11000	
						>90	9460	
		900 [2.95ft]	132	AC200-240V	670	>80	13200	
						>90	11352	
		1200 [3.94ft]	176	AC200-240V	890	>80	17600	
						>90	15136	
	High-Efficiency	375 [1.23ft]	56	AC200-240V	280	>80	6720	
						>90	5779	
		450 [1.48ft]	66	AC200-240V	330	>80	7920	
						>90	6811	
		600 [1.97ft]	90	AC200-240V	450	>80	10800	
						>90	9288	
750 [2.46ft]	110	AC200-240V	560	>80	13200			
				>90	11352			
900 [2.95ft]	132	AC200-240V	670	>80	15840			
				>90	13622			
1200 [3.94ft]	176	AC200-240V	890	>80	21120			
				>90	18163			

Model	Version	Length (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (mA)	CRI	Lumens (LM/PCS)	CCT
H-CE5035P	Regular	375 [1.23ft]	56	AC200-240V	280	>80	5040	2700K 3000K 3500K 4000K 5000K 6500K
						>90	4334	
		450 [1.48ft]	66	AC200-240V	330	>80	5940	
						>90	5108	
		600 [1.97ft]	90	AC200-240V	450	>80	8100	
						>90	6966	
		750 [2.46ft]	110	AC200-240V	560	>80	9900	
						>90	8514	
		900 [2.95ft]	132	AC200-240V	670	>80	11880	
						>90	10217	
		1200 [3.94ft]	176	AC200-240V	890	>80	15840	
						>90	13622	
	High-Efficiency	375 [1.23ft]	56	AC200-240V	280	>80	5880	
						>90	5057	
		450 [1.48ft]	66	AC200-240V	330	>80	6930	
						>90	5960	
		600 [1.97ft]	90	AC200-240V	450	>80	9450	
						>90	8127	
		750 [2.46ft]	110	AC200-240V	560	>80	11550	
						>90	9933	
		900 [2.95ft]	132	AC200-240V	670	>80	13860	
						>90	11920	
		1200 [3.94ft]	176	AC200-240V	890	>80	18480	
						>90	15893	

Model	Version	Length (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (mA)	CRI	Lumens (LM/PCS)	CCT
H-CE7035D	Regular	450 [1.48ft]	90	AC200-240V	450	>80	9900	2700K 3000K 3500K 4000K 5000K 6500K
						>90	8514	
		600 [1.97ft]	116	AC200-240V	590	>80	12760	
						>90	10974	
		750 [2.46ft]	148	AC200-240V	750	>80	16280	
						>90	14001	
		900 [2.95ft]	176	AC200-240V	890	>80	19360	
						>90	16650	
		1200 [3.94ft]	235	AC200-240V	1190	>80	25850	
						>90	22231	
	High-Efficiency	450 [1.48ft]	90	AC200-240V	450	>80	12150	
						>90	10449	
		600 [1.97ft]	116	AC200-240V	590	>80	15660	
						>90	13468	
		750 [2.46ft]	148	AC200-240V	750	>80	19980	
						>90	17183	
		900 [2.95ft]	176	AC200-240V	890	>80	23760	
						>90	20434	
		1200 [3.94ft]	235	AC200-240V	1190	>80	31725	
						>90	27284	

Model	Version	Length (mm)	Type Power (W/PCS)	Input Voltage (V)	Input Current (mA)	CRI	Lumens (LM/PCS)	CCT
H-CE7035P	Regular	450 [1.48ft]	90	AC200-240V	450	>80	9000	2700K 3000K 3500K 4000K 5000K 6500K
						>90	7740	
		600 [1.97ft]	116	AC200-240V	590	>80	11600	
						>90	9976	
		750 [2.46ft]	148	AC200-240V	750	>80	14800	
						>90	12728	
		900 [2.95ft]	176	AC200-240V	890	>80	17600	
						>90	15136	
		1200 [3.94ft]	235	AC200-240V	1190	>80	23500	
						>90	20210	
	High-Efficiency	450 [1.48ft]	90	AC200-240V	450	>80	10800	
						>90	9288	
		600 [1.97ft]	116	AC200-240V	590	>80	13920	
						>90	11971	
		750 [2.46ft]	148	AC200-240V	750	>80	17760	
						>90	15274	
		900 [2.95ft]	176	AC200-240V	890	>80	21120	
						>90	18163	
		1200 [3.94ft]	235	AC200-240V	1190	>80	28200	
						>90	24252	

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%	

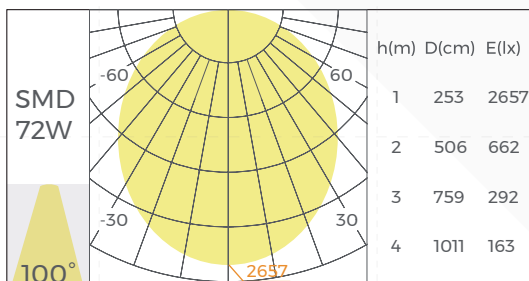
Note: All other lumens are to be based on white coated luminaire with 4000K, RA80(100%); and multiplied by the percentage in the table above.

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

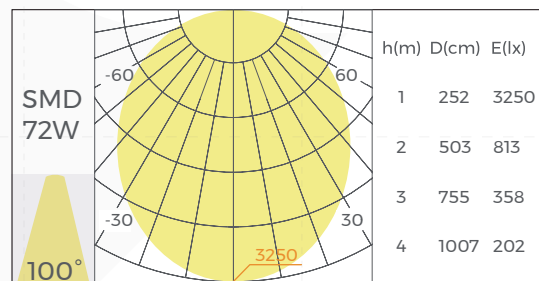
Example 1: If you need 4000K, RA90 lumens (white coated luminaire)	$1000 \times 86\% = 860\text{lm}$
Example 2: If you need 4000K, RA90 lumens (other coated colors of luminaire)	$1000 \times 86\% \times 90\% = 774\text{lm}$
Example 3: If you need 3000K, RA80 lumens (white coated luminaire)	$1000 \times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

### [H-CE3535D]



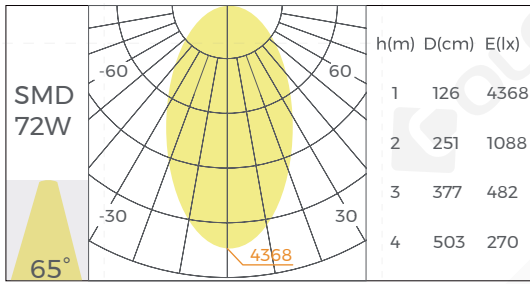
Regular version



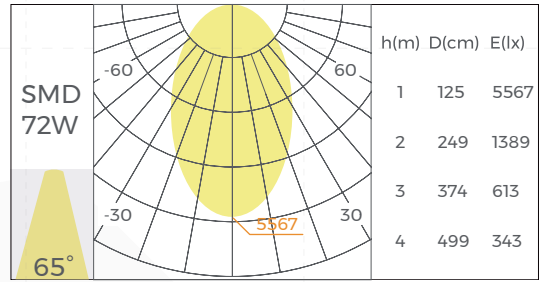
High-efficiency version

\*The above data is based on a 600mm side length luminaire with Ra80,4000K.

**【H-CE3535P】**



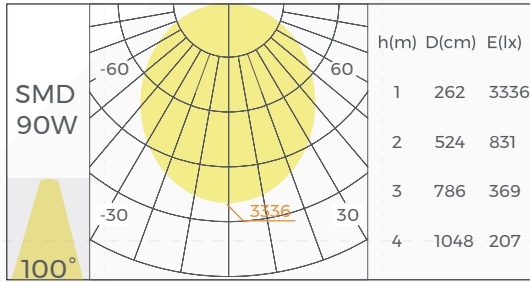
Regular version



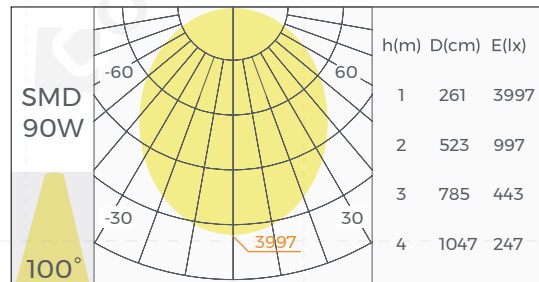
High-efficiency version

\*The above data is based on a 600mm side length luminaire with Ra80,4000K.

**【H-CE5035D】**



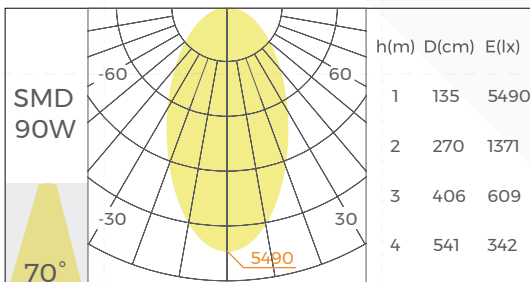
Regular version



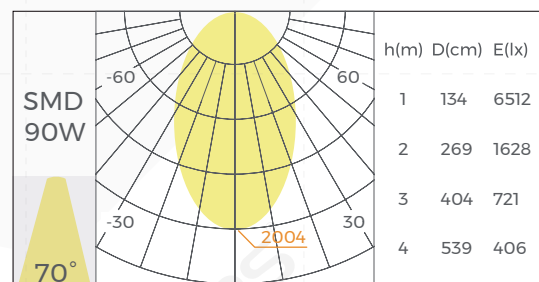
High-efficiency version

\*The above data is based on a 600mm side length luminaire with Ra80,4000K.

**【H-CE5035P】**



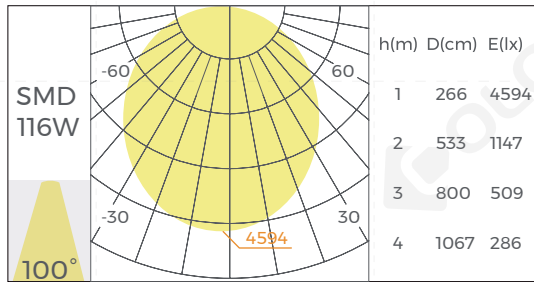
Regular version



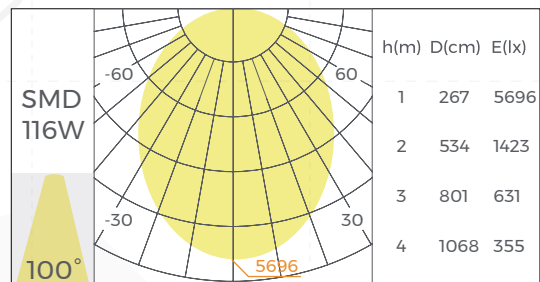
High-efficiency version

\*The above data is based on a 600mm side length luminaire with Ra80,4000K.

## 【H-CE7035D】



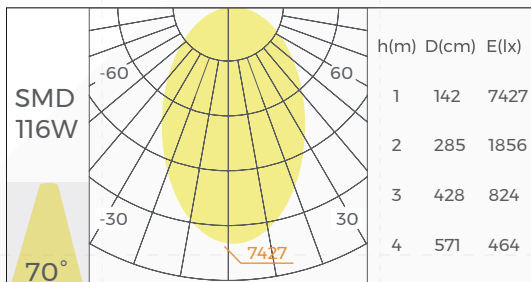
Regular version



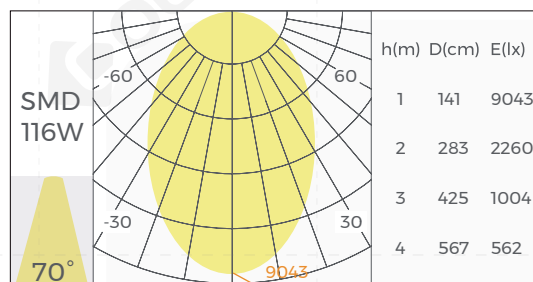
High-efficiency version

\*The above data is based on a 600mm side length luminaire with Ra80,4000K.

## 【H-CE7035P】



Regular version



High-efficiency version

\*The above data is based on a 600mm side length luminaire with Ra80,4000K.

## ◎ Installation

### External power supply



Recessed

Note:

1. The above illustration shows the installation method.
2. The above luminaire shape is for installation illustration only.

©Packing

Model	Quantity (PCS/carton)	NW (kg/carton)	GW (kg/carton)	Size (mm/carton)
H-CE3535D0375(R)-N840W045	4	7.05	9.45	800*750*380 [31.49**29.52**14.96"]
H-CE3535D0450(R)-N840W054	4	8.49	11.69	950*890*380 [37.40**35.03**14.96"]
H-CE3535D0600(R)-N840W072	4	11.37	15.37	1260*1160*380 [49.60**45.66**14.96"]
H-CE3535D0750(R)-N840W090	4	14.25	19.05	1410*800*520 [55.51**31.49**20.47"]
H-CE3535D0900(R)-N840W108	2	8.56	11.36	1860*460*460 [73.22**18.11**18.11"]
H-CE3535D1200(R)-N840W144	2	11.44	14.64	1900*580*460 [74.80**22.83**18.11"]
H-CE5035D0375(R)-N840W056	4	8.81	11.21	800*750*380 [31.49**29.52**14.96"]
H-CE5035D0450(R)-N840W066	4	10.61	13.81	950*890*380 [37.40**35.03**14.96"]
H-CE5035D0600(R)-N840W090	4	14.21	18.21	1260*1160*380 [49.60**45.66**14.96"]
H-CE5035D0750(R)-N840W110	4	17.81	22.61	1410*800*520 [55.51**31.49**20.47"]
H-CE5035D0900(R)-N840W132	2	10.71	13.51	1860*460*460 [73.22**18.11**18.11"]
H-CE5035D1200(R)-N840W176	2	14.31	17.51	1900*580*460 [74.80**22.83**18.11"]
H-CE7035D0450(R)-N840W090	4	12.84	15.24	950*890*380 [37.40**35.03**14.96"]
H-CE7035D0600(R)-N840W116	4	17.16	20.36	1260*1160*380 [49.60**45.66**14.96"]
H-CE7035D0750(R)-N840W148	4	15.00	19.00	1410*800*520 [55.51**31.49**20.47"]

Model	Quantity (PCS/carton)	NW (kg/carton)	GW (kg/carton)	Size (mm/carton)
H-CE7035D0900(R)-N840W176	2	12.90	15.30	1860*460*460 [73.22"*18.11"*18.11"]
H-CE7035D1200(R)-N840W235	2	17.22	20.02	1900*580*460 [74.80"*22.83"*18.11"]

**Note:**

- Lamps packaged without inner box, directly use the outer box.
- Use one outer box for each lamp, and then use the wrap and corner protectors to tie them together according to the quantity of carton above.
- The above weight data is for reference, the exact data should be based on the weight of the physical weighing shall prevail.

**Model Code**



**Attentions**

- Non-professionals are prohibited from installing, disassembling and repairing the product.
- Avoid scratching, distortion and irregular bending of the product during installation; otherwise it may cause irreparable damage to the product.
- Please use professional cutting tools when cutting
- Do not use any acid or alkaline adhesive to fix products
- The product is only suitable for indoor dry places, can not be used in outdoor, seaside or wet environment.
- PC features: Each 10°C rise or drop will make diffuser extend or shrink 0.8mm/m, please confirm before processing and use