

# OPTICAL ELEMENT SOLUTION

● 樹脂製光学素子 ● フレネルレンズ ● プラスチック光学パーツ切削試作

## 樹脂製光学素子

### 配光角とLEDから選べるレンズ・リフレクタ (カスタム設計・製造も可)

実験から量産まで幅広く使える汎用性の高いプラスチック製の光学素子を1個からご注文いただけます。

### LED照明用プラレンズ

- 各種 LED で使用 ● 試作にも
- 量産時の初期費・金型費不要 ● 在庫品は1個から販売

#### ◆対応LED一覧

nichia						LUXEON					
119	219	383	385	183	83	3535					
①	②	③	④	⑤	⑥	⑦					
XBD	XHP35	XHP50	XPL	MKR	XTE	XML	XPE	XPG	XPC	XRC	XRE
⑧	⑨	⑩	⑪	⑫	⑬	⑭	⑮	⑯	⑰	⑱	⑲
SAMSUNG	OSRAM										
303 305	Square	SSL150	SSL80								
⑳	㉑	㉒	㉓								

#### ◆分類

SS	シングルレンズ在庫品
SC/SSC	シングルレンズ受注生産品
HS	ホルダー付レンズ在庫品
HC/HSC	ホルダー付レンズ受注生産品
MC	マルチレンズ受注生産品
DC	ストリートレンズ受注生産品



シングルレンズ



ホルダー付レンズ



ストリートレンズ

#### ◆LEDポジション



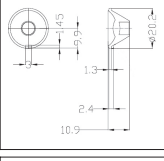
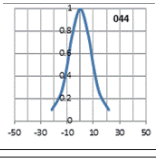

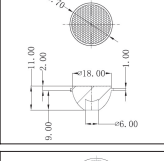
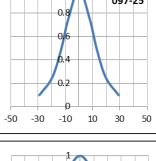
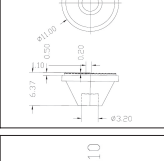

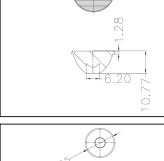
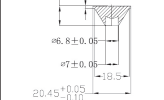
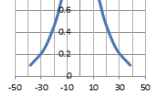
O (On board)	I (Into board)	H (Holder)
基板上面と レンズ下端が一致	基板下面と レンズ下端が一致	ホルダー下面と 基板面が一致

#### ◆レンズ材質

PC	ポリカーボネート
PMMA	アクリル

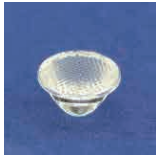
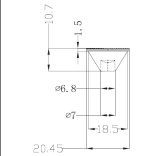
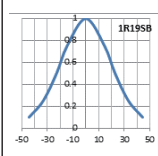

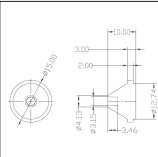
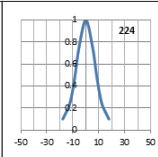

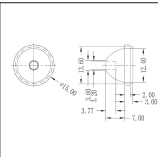
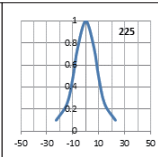

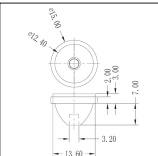
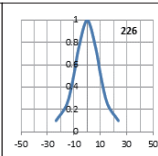

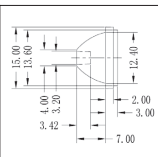
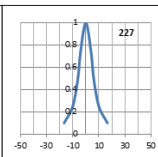

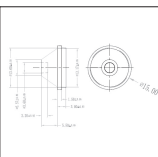
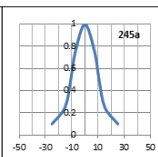

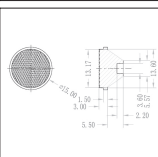
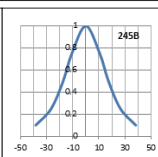

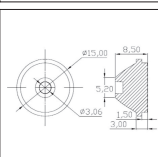
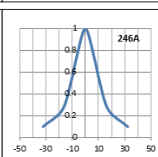

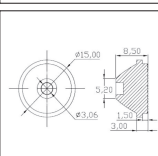
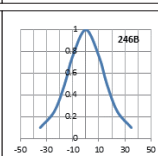

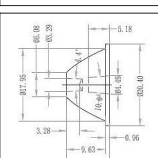
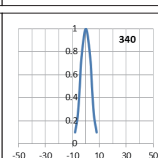

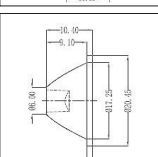
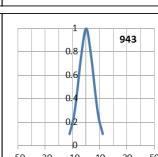
型番	最大径 mm	1/2 ビーム角	レンズ 外観	簡易 寸法図	指向特性	対応 LED	LED ポジション
	高さ mm	効率				nichia ① ② ③ ④ ⑤ ⑥ ⑦ 119 219 383 385 183 83 3535 LUXEON CREE ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ XBD XHP35 XHP50 XPL MKR XTE XML XPE CREE SAMSUNG OSRAM ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓ XPG XPC XRC XRE 303305 Square SSL150 SSL80	
							材質

### ■ シングルレンズ在庫品 (一部受注生産品)

SSC-01-031 <small>*受注生産品</small>	φ20.2	22°				① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓	O PC
	h=11	90%					
SSC-02-039 <small>*受注生産品</small>	φ20.2	23°				① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓	O PMMA
	h=10.55	90%					
SSC-03-044 <small>*受注生産品</small>	φ20.2	20°				① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓	O PMMA
	h=10.9	90%					
SSC-04-075 <small>*受注生産品</small>	φ19.7	30°				① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓	O PMMA
	h=11	89%					
SS-05-097-15	φ11	17°				① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓	O PMMA
	h=6.37	91%					
SS-06-097-25	φ11	23°				① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓	O PMMA
	h=6.37	91%					
SS-07-097-45	φ11	49°				① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓	O PMMA
	h=6.37	91%					
SS-08-097-60	φ11	57°				① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓	O PMMA
	h=6.37	90%					
SSC-09-155 <small>*受注生産品</small>	φ20.45	12°x56°				① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓	O PMMA
	h=10.8	93%					
SS-10-1R19S	φ20.45	26.5°				① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓	O PMMA
	h=10.7	91%					
SS-11-1R19SA	φ20.45	38°				① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓	O PMMA
	h=10.7	88%					


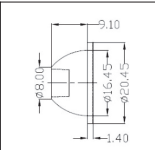
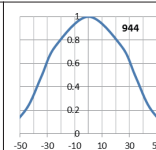
型番	最大径 mm	1/2 ビーム角	レンズ 外観	簡易 寸法図	指向特性	対応 LED	LED ポジション
	高さ mm	効率				nichia ① ② ③ ④ ⑤ ⑥ ⑦ 119 219 383 385 183 83 3535 CREE ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ XBD XHP35 XHP50 XPL MKR XTE XML XPE CREE ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓ XPG XPC XRC XRE 303 305 Square SSL150 SSL80 SAMSUNG OSRAM LUXEON	
							材質

### ■ シングルレンズ在庫品


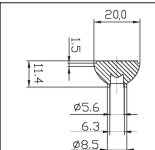
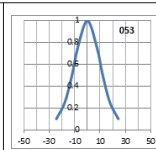
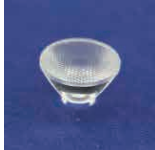
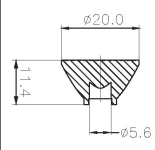
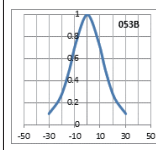
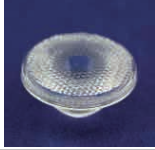
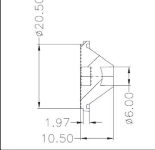
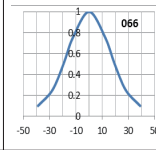

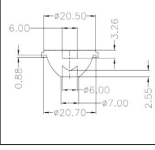
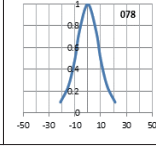

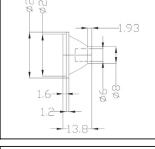
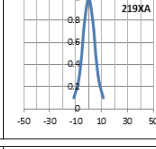

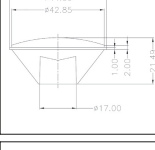
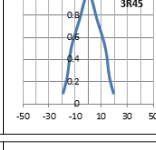

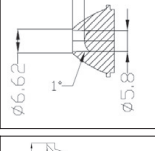
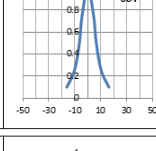

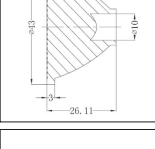
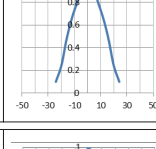

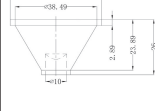
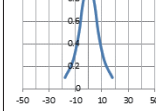
SS-12-1R19SB	φ20.45	46°				① ② ③ ④ ⑤ ⑥ ⑦	O
	h=10.7	88%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	
SSC-13-224	φ15	9.6°				① ② ③ ④ ⑤ ⑥ ⑦	O
	h=10	88%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	PC
*受注生産品							
SSC-14-225	φ15	20°				① ② ③ ④ ⑤ ⑥ ⑦	O
	h=10	90%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	PC
*受注生産品							
SSC-15-226	φ15	21°				① ② ③ ④ ⑤ ⑥ ⑦	O
	h=10	90%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	PC
*受注生産品							
SSC-16-227	φ15	12°				① ② ③ ④ ⑤ ⑥ ⑦	O
	h=10	90%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	PC
*受注生産品							
SSC-17-245A	φ15	22°				① ② ③ ④ ⑤ ⑥ ⑦	O
	h=8.5	92%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	PC
*受注生産品							
SSC-18-245B	φ15	35°				① ② ③ ④ ⑤ ⑥ ⑦	O
	h=8.5	90%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	PC
*受注生産品							
SSC-19-246A	φ15	22°				① ② ③ ④ ⑤ ⑥ ⑦	O
	h=8.5	90%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	PC
*受注生産品							
SSC-20-246B	φ15	32°				① ② ③ ④ ⑤ ⑥ ⑦	O
	h=8.5	91%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	PC
*受注生産品							
SSC-21-340	φ20.4	9°				① ② ③ ④ ⑤ ⑥ ⑦	O
	h=10.59	90%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	PMMA
*受注生産品							
SSC-22-943	φ20.45	13°				① ② ③ ④ ⑤ ⑥ ⑦	O
	h=10.4	90%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	PC
*受注生産品							

型番	最大径 mm	1/2 ビーム角	レンズ 外観	簡易 寸法図	指向特性	対応 LED							LED ポジション
	高さ mm	効率				① ② ③ ④ ⑤ ⑥ ⑦	⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓	材質				
						nichia ① ② ③ ④ ⑤ ⑥ ⑦ 119 219 383 385 183 83 3535 CREE ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ XBD XHP35 XHP50 XPL MKR XTE XML XPE CREE ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓ XPG XPC XRC XRE 303 305 Square SSL150 SSL80 LUXEON SAMSUNG OSRAM							

### ■ シングルレンズ在庫品

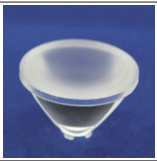
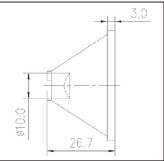
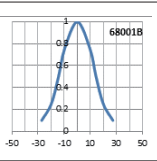
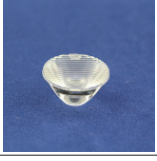
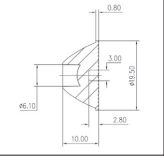
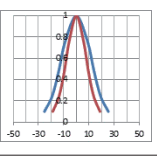

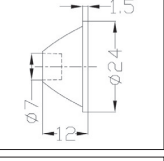
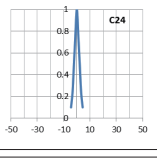

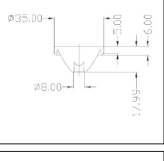
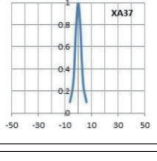
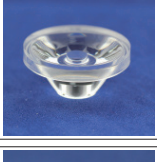
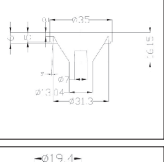
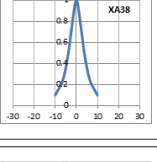

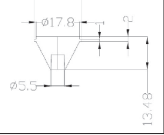
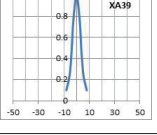
SSC-23-944 <small>*受注生産品</small>	φ20.45	68°				① ② ③ ④ ⑤ ⑥ ⑦	O
	h=10.5	90%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	

### ■ シングルレンズ受注生産品


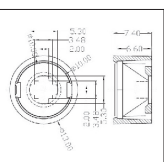
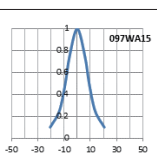
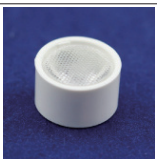
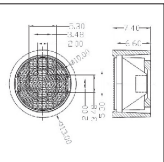
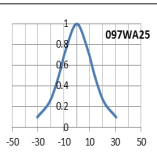
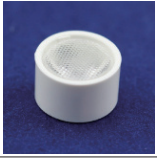
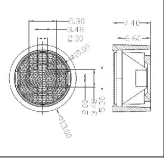
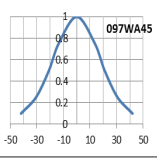

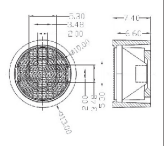
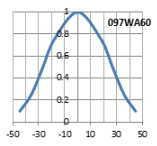
SC-01-053	φ20	24°				① ② ③ ④ ⑤ ⑥ ⑦	I
	h=11.4	90%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	
SC-02-053B	φ20	28°				① ② ③ ④ ⑤ ⑥ ⑦	I
	h=11.4	89%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	
SC-03-066	φ22.5	39°				① ② ③ ④ ⑤ ⑥ ⑦	O
	h=10.5	88%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	
SC-04-078	φ22.5	20°				① ② ③ ④ ⑤ ⑥ ⑦	O
	h=10.5	90%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	
SC-05-219XA	φ21.9	11°				① ② ③ ④ ⑤ ⑥ ⑦	O
	h=13.8	92%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	
SC-06-3R45	φ45	26°				① ② ③ ④ ⑤ ⑥ ⑦	I
	h=21.48	87%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	
SC-07-4	φ19.8	13°				① ② ③ ④ ⑤ ⑥ ⑦	O
	h=11.6	91%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	
SC-08-68001	φ43	31°				① ② ③ ④ ⑤ ⑥ ⑦	I
	h=26	93%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	
SC-09-68001A	φ43	15°				① ② ③ ④ ⑤ ⑥ ⑦	I
	h=26	91%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	

型番	最大径 mm	1/2 ビーム角	レンズ 外観	簡易 寸法図	指向特性	対応 LED	LED ポジション
	高さ mm	効率				nichia ① ② ③ ④ ⑤ ⑥ ⑦ 119 219 383 385 183 83 3535 CREE ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ XBD XHP35 XHP50 XPL MKR XTE XML XPE CREE ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓ XPG XPC XRC XRE 303 305 Square SSL150 SSL80 LUXEON ① ② ③ ④ ⑤ ⑥ ⑦ 119 219 383 385 183 83 3535 SAMSUNG OSRAM	
							材質

### ■シングルレンズ受注生産品


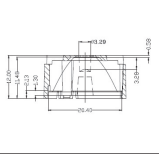
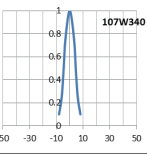

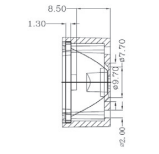
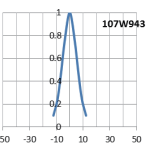

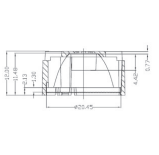
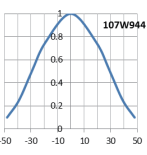
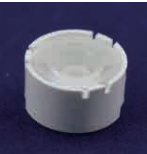
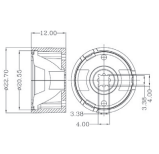
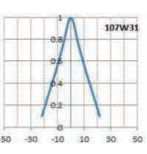

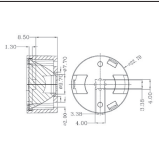
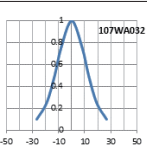

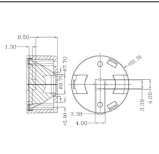
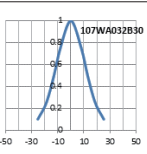

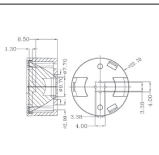
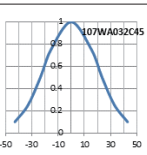

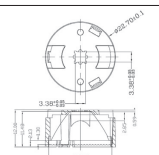
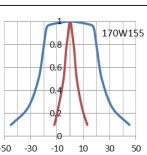

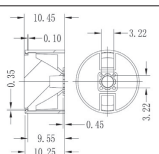
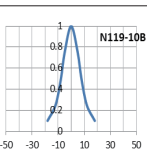

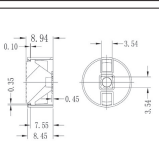
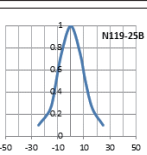

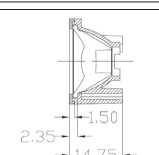
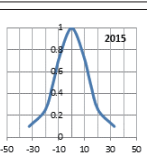
SC-10-68001B	φ43	29°				① ② ③ ④ ⑤ ⑥ ⑦	I
	h=26.65	90%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	
SC-11-9	φ19.5	27°x18°				① ② ③ ④ ⑤ ⑥ ⑦	O
	h=10	91%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	PMMA
SC-12-C24	φ24	4.5°				① ② ③ ④ ⑤ ⑥ ⑦	O
	h=12	91%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	PMMA
SC-13-XA37	φ35	5.2°				① ② ③ ④ ⑤ ⑥ ⑦	O
	h=18	90%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	PMMA
SC-14-XA38	φ35	7.5°				① ② ③ ④ ⑤ ⑥ ⑦	O
	h=16.15	90%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	PMMA
SC-15-XA39	φ19.4	7.5°				① ② ③ ④ ⑤ ⑥ ⑦	O
	h=16.1	90%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	PMMA

### ■ホルダ付レンズ在庫品

HS-01-097WB15	φ13	18°				① ② ③ ④ ⑤ ⑥ ⑦	H
	h=7.4	90%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	PMMA
HS-02-097WB25	φ13	28°				① ② ③ ④ ⑤ ⑥ ⑦	H
	h=7.4	90%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	PMMA
HS-03-097WB45	φ13	42°				① ② ③ ④ ⑤ ⑥ ⑦	H
	h=7.4	91%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	PMMA
HS-04-097WB60	φ13	54°				① ② ③ ④ ⑤ ⑥ ⑦	H
	h=7.4	90%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	PMMA

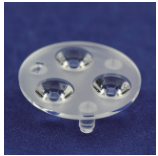
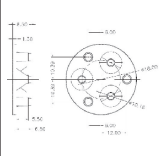
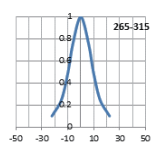

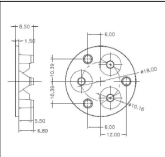
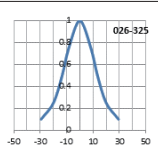
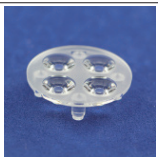
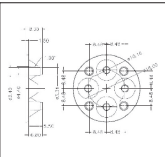
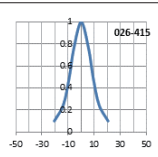
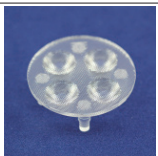
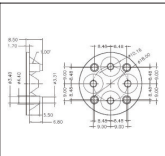
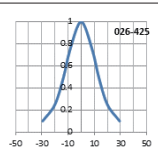
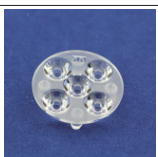
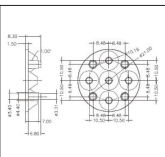
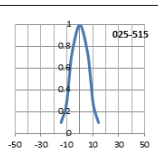
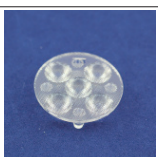
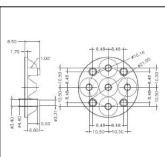
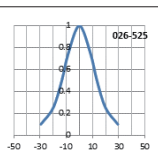

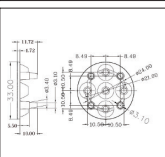
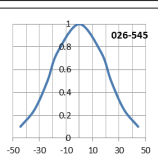

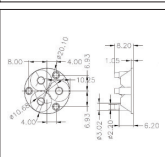
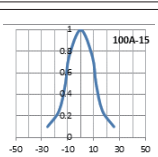

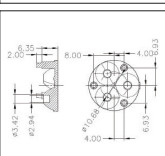
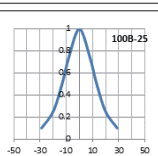

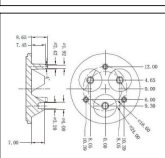
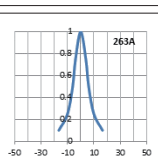
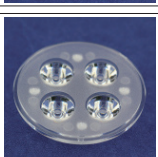
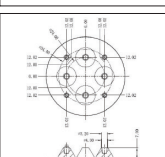
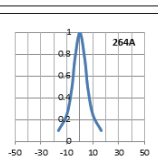
型番	最大径 mm	1/2 ビーム角	レンズ 外観	簡易 寸法図	指向特性	対応 LED							LED ポジション
	高さ mm	効率				① ② ③ ④ ⑤ ⑥ ⑦	⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓	材質				
						nichia ① ② ③ ④ ⑤ ⑥ ⑦ 119 219 383 385 183 83 3535 CREE ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ XBD XHP35 XHP50 XPL MKR XTE XML XPE CREE ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓ XPG XPC XRC XRE 303 305 Square SSL150 SSL80 SAMSUNG OSRAM							

■ホルダ付レンズ在庫品・受注生産品

HSC-05-107W-1-A340 <small>*受注生産品</small>	φ22.7	9°				① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓	H PMMA
	h=12	90%					
HSC-06-107W-1-A943 <small>*受注生産品</small>	φ22.7	12.5°				① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓	H PC
	h=12	90%					
HSC-07-107W-1-A944 <small>*受注生産品</small>	φ22.7	59°				① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓	H PC
	h=12	89%					
HS-08-107WA031	φ22.7	23°				① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓	H PC
	h=12	90%					
HS-09-107WA032	φ22.7	26°				① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓	H PMMA
	h=12	90%					
HS-10-107WA032-B30	φ22.7	26°				① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓	H PMMA
	h=12	89%					
HS-11-107WA032-C45	φ22.7	47°				① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓	H PMMA
	h=12	89%					
HSC-12-107WA155 <small>*受注生産品</small>	φ22.7	49°x9°				① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓	H PMMA
	h=12	91%					
HC-01-01WB-N119-10B	φ16.4	16°				① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓	H PC
	h=10.45	91%					
HC-02-01WB-N119-25B	φ16.4	22°				① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓	H PC
	h=8.94	91%					
HC-03-2015A	φ25	28.5°				① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓	H PMMA
	h=14.75	87%					

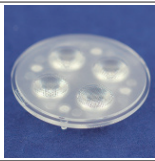
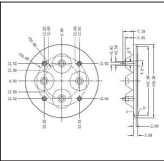
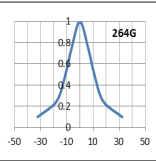
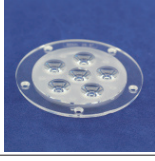
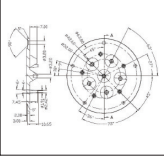
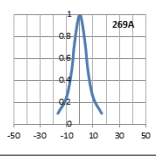
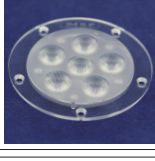
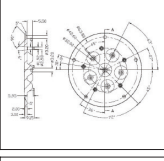
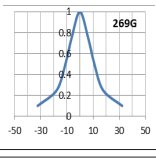

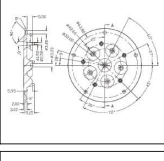
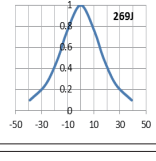
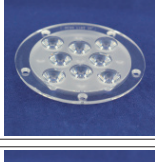
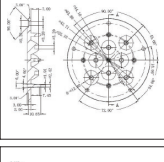
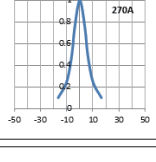
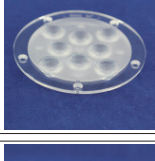
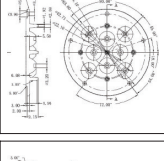
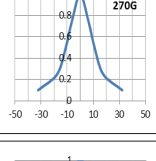
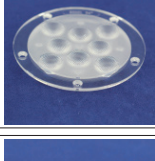
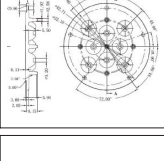
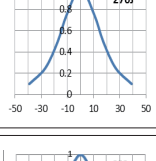
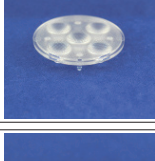
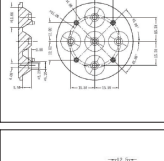
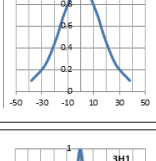
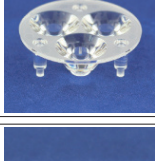
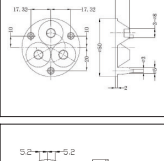
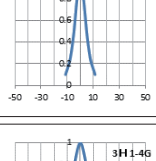
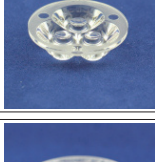
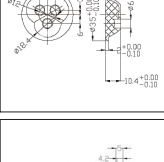
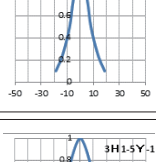

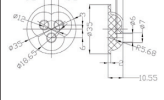
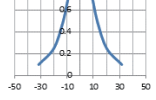
型番	最大径 mm	1/2 ビーム角	レンズ 外観	簡易 寸法図	指向特性	対応 LED	LED ポジション
	高さ mm	効率				nichia ① ② ③ ④ ⑤ ⑥ ⑦ 119 219 383 385 183 83 3535 CREE ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ XBD XHP35 XHP50 XPL MKR XTE XML XPE CREE ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓ XPG XPC XRC XRE 303 305 Square SSL150 SSL80 LUXEON ① ② ③ ④ ⑤ ⑥ ⑦ 8 9 10 11 12 13 14 15 SAMSUNG OSRAM	
							材質

### ■マルチレンズ受注生産品

MC-01-026-315	φ33	20°				① ② ③ ④ ⑤ ⑥ ⑦	O
	h=8.3	91%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	
MC-02-026-325	φ33	27°				① ② ③ ④ ⑤ ⑥ ⑦	O
	h=6.27	91%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	
MC-03-026-415	φ33	18°				① ② ③ ④ ⑤ ⑥ ⑦	O
	h=8.3	91%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	
MC-04-026-425	φ33	27°				① ② ③ ④ ⑤ ⑥ ⑦	O
	h=8.5	91%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	
MC-05-026-515	φ33	18°				① ② ③ ④ ⑤ ⑥ ⑦	O
	h=8.5	91%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	
MC-06-026-525	φ33	27°				① ② ③ ④ ⑤ ⑥ ⑦	O
	h=8.5	91%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	
MC-07-026-545	φ34	48°				① ② ③ ④ ⑤ ⑥ ⑦	O
	h=8.5	91%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	
MC-08-100A15	φ20	24°				① ② ③ ④ ⑤ ⑥ ⑦	O
	h=8.2	91%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	
MC-09-100B25	φ20.1	27°				① ② ③ ④ ⑤ ⑥ ⑦	O
	h=8.35	91%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	
MC-10-263A	φ38	12°				① ② ③ ④ ⑤ ⑥ ⑦	O
	h=11.65	90%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	
MC-11-264A	φ50	12°				① ② ③ ④ ⑤ ⑥ ⑦	O
	h=11.65	90%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	

型番	最大径 mm	1/2 ビーム角	レンズ 外観	簡易 寸法図	指向特性	対応 LED	LED ポジション
	高さ mm	効率				<small>nichia</small> ① ② ③ ④ ⑤ ⑥ ⑦ 119 219 383 385 183 83 3535 <small>CREE</small> ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ XBD XHP35 XHP50 XPL MKR XTE XML XPE <small>CREE</small> ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓ <small>SAMSUNG OSRAM</small> XPG XPC XRC XRE 303 305 Square SSL150 SSL80 <small>LUXEON</small>	


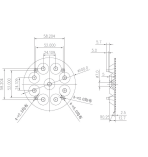
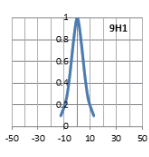

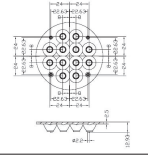
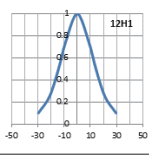

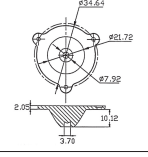
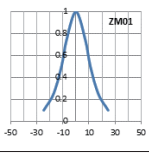

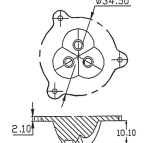
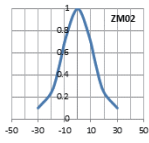
■マルチレンズ受注生産品

MC-12-264G	φ50	22°				① ② ③ ④ ⑤ ⑥ ⑦	O
	h=11.65	90%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	
MC-13-269A	φ72	12°				① ② ③ ④ ⑤ ⑥ ⑦	O
	h=11.65	90%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	
MC-14-269G	φ72	22°				① ② ③ ④ ⑤ ⑥ ⑦	O
	h=11.65	90%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	
MC-15-269J	φ72	34.5°				① ② ③ ④ ⑤ ⑥ ⑦	O
	h=11.65	90%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	
MC-16-270A	φ72	12°				① ② ③ ④ ⑤ ⑥ ⑦	O
	h=11.65	90%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	
MC-17-270G	φ72	22°				① ② ③ ④ ⑤ ⑥ ⑦	O
	h=11.65	90%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	
MC-18-270J	φ72	34.5°				① ② ③ ④ ⑤ ⑥ ⑦	O
	h=11.65	90%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	
MC-19-282	φ50	37°				① ② ③ ④ ⑤ ⑥ ⑦	O
	h=10.63	90%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	
MC-20-3H1	φ50	10°				① ② ③ ④ ⑤ ⑥ ⑦	O
	h=15.5	91%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	
MC-21-3H1-4G	φ35	16°				① ② ③ ④ ⑤ ⑥ ⑦	O
	h=10.4	91%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	
MC-22-3H1-5Y-1	φ35	25°				① ② ③ ④ ⑤ ⑥ ⑦	O
	h=13.05	91%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	


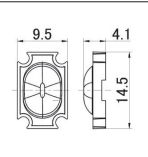
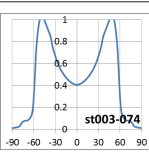

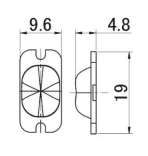
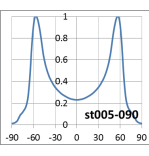

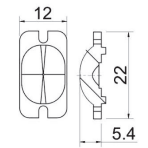
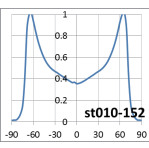


型番	最大径 mm	1/2 ビーム角	レンズ 外観	簡易 寸法図	指向特性	対応 LED	LED ポジション
	高さ mm	効率				nichia ① ② ③ ④ ⑤ ⑥ ⑦ 119 219 383 385 183 83 3535 CREE ⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮ XBD XHP35 XHP50 XPL MKR XTE XML XPE CREE ⑯ ⑰ ⑱ ⑲ ⑳ ㉑ ㉒ ㉓ XPG XPC XRC XRE 303 305 Square SSL150 SSL80 LUXEON SAMSUNG OSRAM	
							材質

### ■マルチレンズ受注生産品

MC-23-9H1	φ100	11°				① ② ③ ④ ⑤ ● ⑦	O
	h=18.44	90%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	
MC-24-12H1	φ82	28.5°				① ② ③ ④ ⑤ ⑥ ⑦	I
	h=12.9	89%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	
MC-25-ZM-01	φ34.64	22°				① ● ③ ④ ⑤ ⑥ ⑦	O
	h=10.12	92%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	
MC-26-ZM-02	φ34.5	27°				① ● ③ ④ ⑤ ⑥ ⑦	O
	h=12.2	92%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	

### ■ストリートレンズ受注生産品

DC-01-ST003-074	19.5x14.5	-				● ① ② ③ ④ ⑤ ⑥ ⑦	I
	h=5.13	90%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	
DC-02-ST005-090	9.6x19	-				● ① ② ③ ④ ⑤ ⑥ ⑦	I
	h=4.8	91%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	
DC-03-ST010-152	12x22	-				① ② ③ ④ ⑤ ⑥ ⑦	I
	h=5.4	92%				⑧ ⑨ ⑩ ⑪ ⑫ ⑬ ⑭ ⑮	

※●で表示されているLED使用時の1/2ビーム角を代表値として載せております。

※量産時のお見積り、特注品のご相談も承ります。

※ご使用前にレンズ寸法図 (PDF)、シミュレーションデータ (IES) をご要望の際は御相談下さい。

また、その際はレンズの品番とLEDチップの指定をお願い致します。

※カラーのデータはHPからご覧いただけます。

※耐熱を含めた耐候性については、試作・評価の上で判断ください。

※データは、測定値の1つとしての代表値であり保証値ではありません。

※仕様、デザイン、価格は予告なく変更されることがあります。

## LEDプラレンズ ロット別販売価格表 (税別)

2018/3/22

型番	1~10	11~25	26~49	50~99	備考	型番	1~10	11~25	26~49	50~99	備考
<b>■シングルレンズ</b>						<b>■ホルダ付きレンズ</b>					
SSC-01-031	¥500	¥270	¥240	-	*	HS-01-097WB15	¥500	¥270	¥240	¥220	
SSC-02-039	¥500	¥270	¥240	-	*	HS-02-097WB25	¥500	¥270	¥240	¥220	
SSC-03-044	¥500	¥270	¥240	-	*	HS-03-097WB45	¥500	¥270	¥240	¥220	
SSC-04-075	¥500	¥350	¥300	-	*	HS-04-097WB60	¥500	¥270	¥240	¥220	
SS-05-097-15	¥500	¥270	¥240	¥210		HSC-05-107W-1-A340	¥500	¥290	¥250	¥230	*
SS-06-097-25	¥500	¥270	¥240	¥210		HSC-06-107W-1-A943	¥500	¥290	¥250	¥230	*
SS-07-097-45	¥500	¥270	¥240	¥210		HSC-07-107W-1-A944	¥500	¥290	¥250	¥230	*
SS-08-097-60	¥500	¥270	¥240	¥210		HS-08-107WA031	¥500	¥290	¥250	¥230	
SSC-09-155	¥500	¥270	¥240	¥210	*	HS-09-107WA032	¥500	¥290	¥250	¥230	
SS-10-1R19S	¥500	¥270	¥240	¥210		HS-10-107WA032-B30	¥500	¥290	¥250	¥230	
SS-11-1R19SA	¥500	¥270	¥240	¥210		HS-11-107WA032-C45	¥500	¥290	¥250	¥230	
SS-12-1R19SB	¥500	¥270	¥240	¥210		HSC-12-107WA155	¥500	¥290	¥250	¥230	*
SSC-13-224	¥500	¥300	¥250	¥220	*	HC-01-01WB-N119-10B	-	-	-	-	*
SSC-14-225	¥500	¥300	¥250	¥220	*	HC-02-01WB-N119-25B	¥500	¥350	-	-	*
SSC-15-226	¥500	¥300	¥250	¥220	*	HC-03-2015A	¥500	-	-	-	*
SSC-16-227	¥500	¥300	¥250	¥220	*	<b>■マルチレンズ</b>					
SSC-17-245A	¥500	¥270	¥240	¥210	*	MC-01-026-315	¥800	¥700	-	-	*
SSC-18-245B	¥500	¥270	¥240	¥210	*	MC-02-026-325	-	-	-	-	*
SSC-19-246A	¥500	¥270	¥240	¥210	*	MC-03-026-415	¥800	¥700	-	-	*
SSC-20-246B	¥500	¥270	¥240	¥210	*	MC-04-026-425	-	-	-	-	*
SSC-21-340	¥500	¥270	¥240	¥210	*	MC-05-026-515	¥800	¥700	-	-	*
SSC-22-943	¥500	¥270	¥240	¥210	*	MC-06-026-525	-	-	-	-	*
SSC-23-944	¥500	¥270	¥240	¥210	*	MC-07-026-545	-	-	-	-	*
SC-01-053	¥500	¥270	¥240	-	*	MC-08-100A15	¥800	¥700	-	-	*
SC-02-053B	¥500	¥270	¥240	-	*	MC-09-100B25	-	-	-	-	*
SC-03-066	¥500	¥300	¥250	-	*	MC-10-263A	¥800	-	-	-	*
SC-04-078	¥500	¥350	¥300	-	*	MC-11-264A	¥800	¥700	-	-	*
SC-05-219XA	¥500	¥270	¥240	-	*	MC-12-264G	-	-	-	-	*
SC-06-3R45	¥800	¥700	¥600	-	*	MC-13-269A	-	-	-	-	*
SC-07-4	¥500	¥270	-	-	*	MC-14-269G	-	-	-	-	*
SC-08-68001	-	-	-	-	*	MC-15-269J	-	-	-	-	*
SC-09-68001A	¥800	¥700	¥600	¥500	*	MC-16-270A	¥1,600	-	-	-	*
SC-10-68001B	¥800	¥700	¥600	¥500	*	MC-17-270G	-	-	-	-	*
SC-11-9	¥500	¥270	¥240	¥210	*	MC-18-270J	-	-	-	-	*
SC-12-C24	¥500	¥270	¥240	¥210	*	MC-19-282	-	-	-	-	*
SC-13-XA37	-	-	-	-	*	MC-20-3H1	¥800	¥700	-	-	*
SC-14-XA38	-	-	-	-	*	MC-21-3H1-4G	¥800	-	-	-	*
SC-15-XA39	¥500	-	-	-	*	MC-22-3H1-5Y-1	-	-	-	-	*
						MC-23-9H1	¥1,600	¥1,200	-	-	*
						MC-24-12H1	-	-	-	-	*
						MC-25-ZM-01	-	-	-	-	*
						MC-26-ZM-02	-	-	-	-	*
						<b>■ストリートレンズ</b>					
						DC-01-ST003-074	¥500	¥270	¥250	¥200	*
						DC-02-ST005-090	¥500	¥270	¥250	¥200	*
						DC-03-ST010-152	¥500	¥280	-	-	*

※ 合計金額が1万5千円以下の場合、梱包送料 ¥1,200(税別)。

※ 100個以上のお見積り、特注品のお見積り・御注文も承ります。

※ 備考欄の\*マークは受注生産品です。少量での販売は在庫限りです。

※ 在庫切れの場合、受注生産品は3,000個以上で販売いたします。