RGB Overdrive Light

Different colors combination. Can control on/off of each color individually
Suitable for a variety of applications that require color change

Applications

- Outer appearance inspection of printings
- Inspection of defects on colorful objects
- Positioning inspection of film

Technical specification

Light color (wavelength)★1	Red: 620-630nm Green: 520-530nm Blue: 460-475nm
Operating environment (indoors)	Temperature: 0~40°C, humidity: 20~85% (non-condensation)
Supporting controller	PBD2、PBDL2
Accessories	Extension cable: 1m/2m/3m/5m7m
Product development	Custom light to get best effects
Directions for use	Strobe duty cycle less than 55% use.

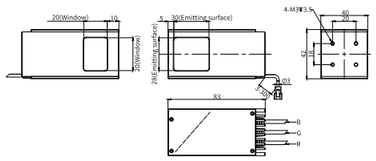
★1 Wavelength and CCT can be customized, wavelength and CCT for different batches maybe differed, please refer to spec, for more details

Model code description

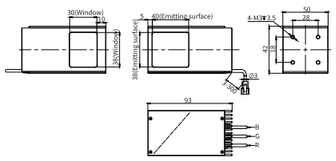
CO3	-	30	RGB	-	SF
Model		Emitting surface	Color		Overdrive

Series	Model	Color	Voltage(V)	Rated theoretical current★2			L × W × H(mm)	Weight (g)
	CO3-30RGB-SF		44	6	6	6	83X42X40	210
	CO3-40RGB-SF		44	6	6	6	93X52X50	270
	CO3-50RGB-SF		44	9	9	9	103X62X60	370
	CO3-60RGB-SF		44	12	12	12	113X72X70	480
	CO3-70RGB-SF		44	15	15	15	123X82X80	610
	CO3-80RGB-SF		44	20	20	20	133X92X90.4	760
	HDL3-80X16RGB-SF		44	6	6	6	92X22X22.6	80
	HDL3-119X16RGB-SF		44	6	6	6	131X22X22.6	100
	HDL3-197X16RGB-SF		44	12	12	12	209X22X22.6	150
	HDL3-98X30RGB-SF		44	15	15	15	110X36X22.6	120
	HDL3-146X30RGB-SF		44	18	18	18	158X36X22.6	160
	HDL3-194X30RGB-SF		44	21	21	21	206X36X22.6	200
	HDL3-290X30RGB-SF		44	25	25	25	302X36X22.6	280
	HDL3-386X30RGB-SF		44	25	25	25	398X36X22.6	370
	HDL3-434X30RGB-SF		44	25	32	25	446X36X22.6	410
	FQ2-100X100RGB-SF		44	15	15	15	114X114X18	285
	FQ2-160X120RGB-SF		44	20	20	20	174X134X18	460
	FQ2-200X150RGB-SF		44	25	25	25	214X164X18	600
	FQ2-211X200RGB-SF		44	25	25	25	225X214X18	890
RGB overdrive light	HDR3-50-90RGB-SF		44	4.5	4.5	4.5	50X25X19	52
	HDR3-70-45RGB-SF		44	6.5	6.5	6.5	70X38X21	100
	HDR3-70-90RGB-SF		44	7	7	7	70X35X22	113
	HDR3-90-45RGB-SF		44	8	8	8	90X56X20.5	129
	HDR3-100-90RGB-SF		44	9	9	9	100X40X20	229
	HDR3-120-75RGB-SF		44	13	13	13	120X65X17	240
	HDR3-120-90RGB-SF		44	13	13	13	120X50X18	311
	HDR3-150-90RGB-SF		44	15	15	15	150X25X22.5	603
	HDR3-180-60RGB-SF		44	21	21	21	180X126X23	488
	LAR3-100-30RGB-SF		44	10	10	10	100X66X22	150
	LAR3-120-00RGB-SF		44	6	6	6	120X86X11	120
	LAR3-120-30RGB-SF		44	13	13	13	120X80X22	190
	LAR3-150-30RGB-SF		44	17	17	17	150X108X22	270
	LAR3-180-30RGB-SF		44	21.5	21.5	21.5	180X132X29	471
	SD3-100RGB-SF		44	12	12	12	Ø116X67	193
	SD3-120RGB-SF		44	15	15	15	Ø134X63.7	236
	SD3-150RGB-SF		44	20	20	20	Ø166X83	373
	SD3-180RGB-SF		44	25	25	25	Ø198X98	554
	SD3-210RGB-SF		44	25	25	25	Ø230X114	690
	SD3-250RGB-SF		44	25	25	25	Ø266X127.5	828

★2 Multi-color may increase the power of the light. Recommend lighting it separately. For details, kindly contact corresponding sale or technician.



CO3-30RGB-SF



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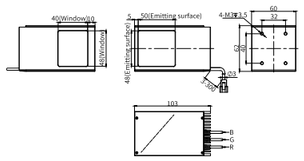
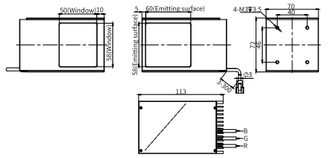
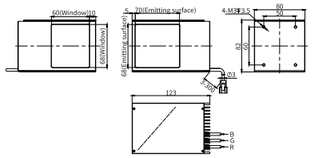


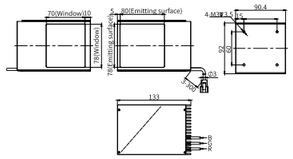
CO3-50RGB-SF



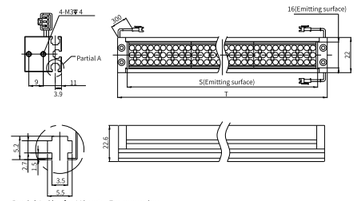
CO3-60RGB-SF



CO3-70RGB-SF



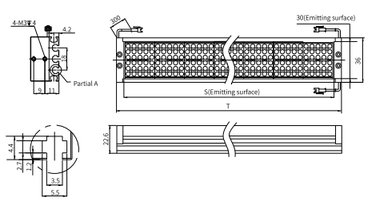
CO3-80RGB-SF



Partial A, Slot for M3 nuts. For mounting

HDL3-SX16RGB-SF

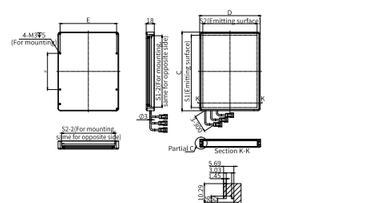
Model	Size(mm)		strobe current (A)		Weight(g)
	S	T	R	W/G/B	
HDL3-80X16RGB-SF	80	92	6	6	80
HDL3-119X16RGB-SF	119	131	6	6	100
HDL3-197X16RGB-SF	197	209	12	12	150



Partial A, Slot for M3 nuts. For mounting

HDL3-SX30RGB-SF

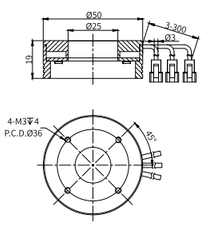
Model	Size(mm)		strobe current (A)		Weight(g)
	S	T	R	W/G/B	
HDL3-98X30RGB-SF	98	110	15	15	120
HDL3-146X30RGB-SF	146	158	18	18	160
HDL3-194X30RGB-SF	194	206	21	21	200
HDL3-290X30RGB-SF	290	302	25	25	280
HDL3-386X30RGB-SF	386	398	25	25	370
HDL3-434X30RGB-SF	434	446	25	25	410



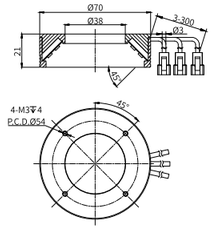
Partial C,
Four sides, M3 nut, for mounting

FQ2-S1XS2RGB-SF

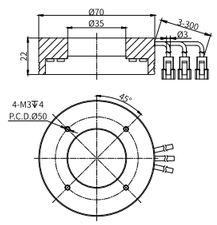
Model	Size(mm)							strobe current (A)		Weight(g)
	S1	S2	C	D	E	F	R	W/G/B		
FQ2-100X100RGB-SF	100	100	114	114	105	50	15	15	285	
FQ2-160X120RGB-SF	160	120	174	134	125	80	20	20	460	
FQ2-200X150RGB-SF	200	250	214	164	155	80	25	25	600	
FQ2-211X200RGB-SF	211	200	225	214	205	80	25	25	890	



HDR3-50-90RGB-SF



HDR3-70-45RGB-SF



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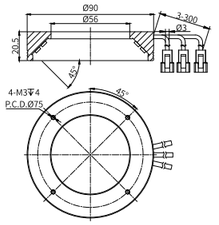

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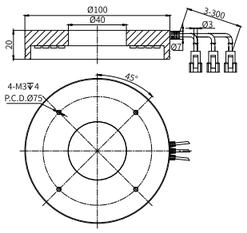
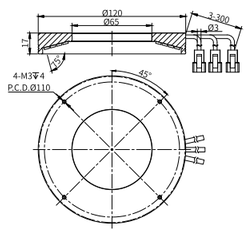
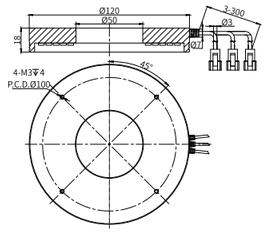


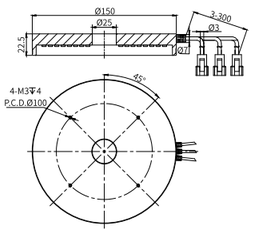
HDR3-100-90RGB-SF



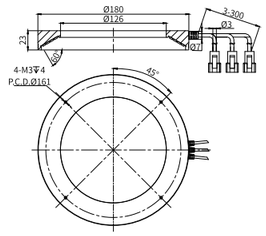
HHDR3-120-75RGB-SF



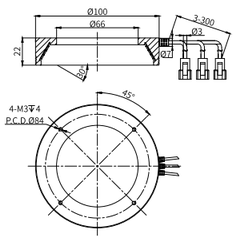
HDR3-120-90RGB-SF



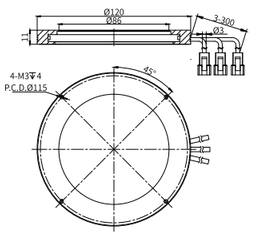
HDR3-150-90RGB-SF



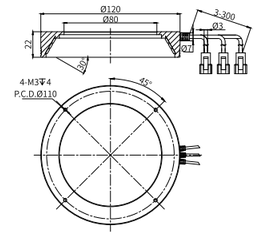
HDR3-180-60RGB-SF



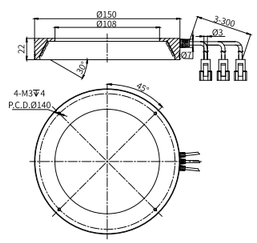
LAR3-100-30RGB-SF



LAR3-120-00RGB-SF



LAR3-120-30RGB-SF



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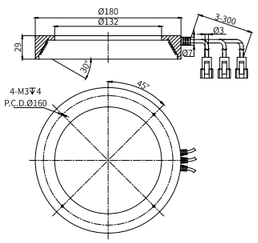
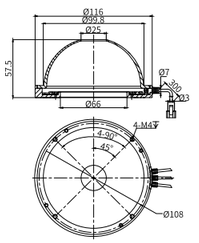
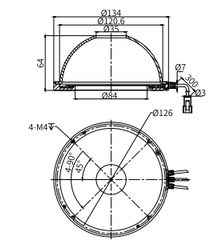


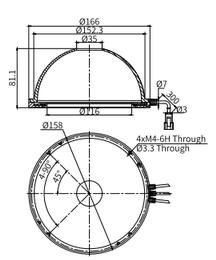
LAR3-180-30RGB-SF



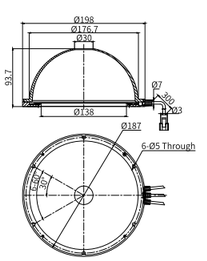
SD3-100RGB-SF



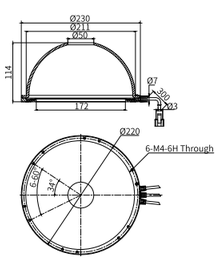
SD3-120RGB-SF



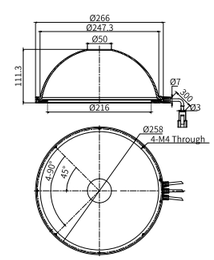
SD3-150RGB-SF



SD3-180RGB-SF



SD3-210RGB-SF



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