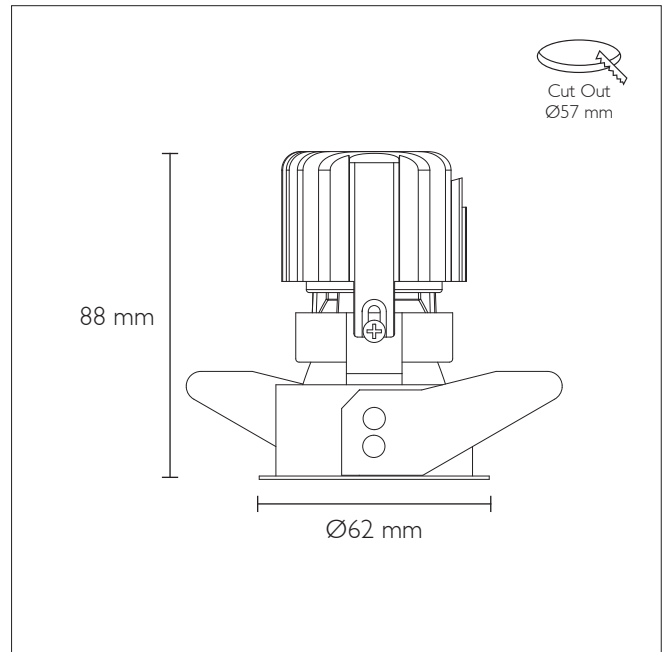


MINITRIM 62 FIXED

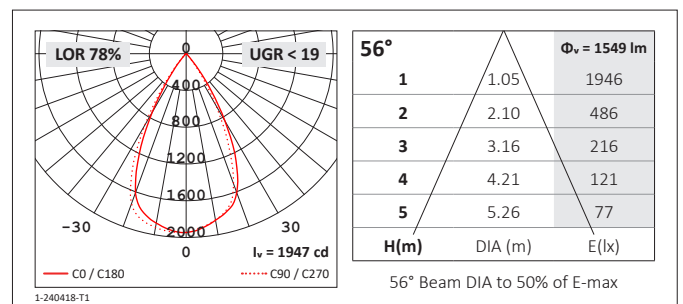
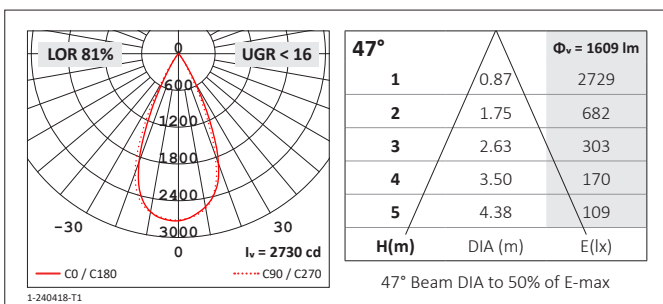
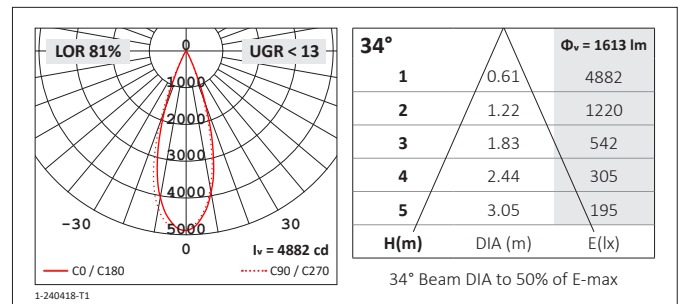
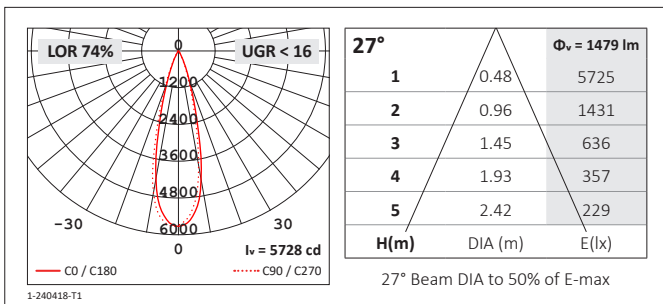


STANDARD MODULE - 27° / 34° / 47° / 56° Beam

CREE Lighting Engine - CRI 90, 2-Step MacAdam
2200K / 2700K / 3000K / 4000K

Source Lumens	System Wattage	Delivered Lumens	Efficacy (LOR 74%)	Delivered Lumens	Efficacy (LOR 81%)	Delivered Lumens	Efficacy (LOR 81%)	Delivered Lumens	Efficacy (LOR 78%)
		27°		34°		47°		56°	
1000 lm	7.2 W	765 lm	106 lm/W	835 lm	115 lm/W	832 lm	115 lm/W	801 lm	111 lm/W
1500 lm	11.1 W	1119 lm	100 lm/W	1221 lm	110 lm/W	1218 lm	109 lm/W	1172 lm	105 lm/W
1900 lm	15.0 W	1479 lm	98 lm/W	1613 lm	107 lm/W	1609 lm	107 lm/W	1549 lm	103 lm/W

Tested with CREE 3000K (System: 14.8 W / 400 mA)

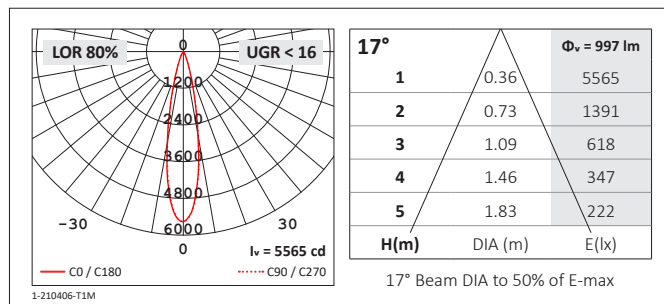


NARROW MODULE - 17° Beam

CREE Lighting Engine - CRI 90, 2-Step MacAdam
2200K / 2700K / 3000K / 4000K

Source Lumens	System Wattage	Delivered Lumens	Efficacy (LOR 80%)
17°			
700 lm	7.2 w	560 lm	77 lm/w
1000 lm	10.9 w	800 lm	73 lm/w
1300 lm	14.7 w	1040 lm	70 lm/w

Tested with CREE 4000K (System: 13.0 W / 350 mA)

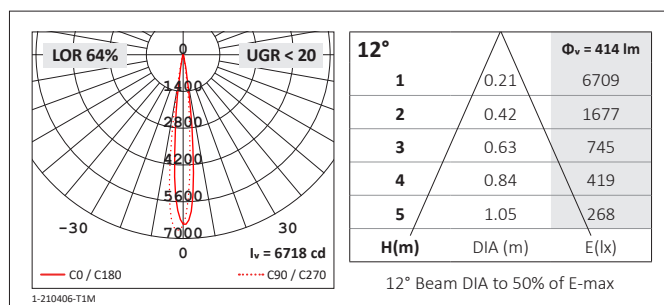


ULTRA NARROW MODULE - 12° Beam

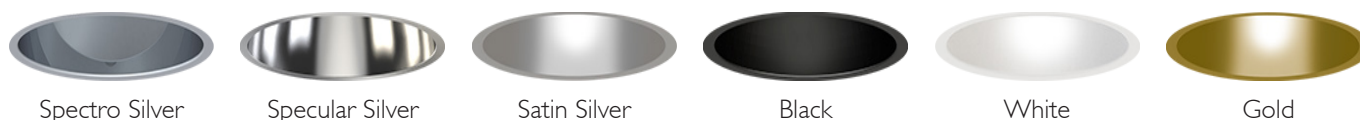
CREE Lighting Engine - CRI 90, 2-Step MacAdam
2200K / 2700K / 3000K / 4000K

Source Lumens	System Wattage	Delivered Lumens	Efficacy (LOR 64%)
12°			
700 lm	8.5 w	448 lm	52 lm/w
1000 lm	13.7 w	640 lm	46 lm/w

Tested with CREE 4000K (System: 6.0 W / 175 mA)



REFLECTOR COLOUR

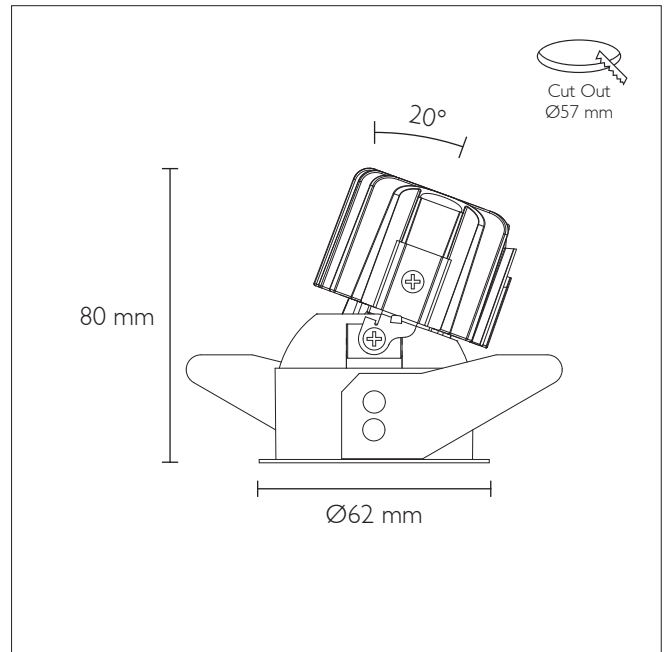


PRODUCT CODING EXAMPLE - F863113J550

Series	Beam	Reflector Colour	Source Lumens	LED	CCT	Driver Protocol	Emergency Protocol
F86 IP20 F87 IP44	U 12° 1 17° 2 27° 3 34° 4 47° 5 56°	1 Specular Silver 2 Satin Silver 3 Black 4 White 5 Gold 8 Spectro Silver	07 700 lm 10 1000 lm 13 1300 lm	J Cree	1 2200K 2 2700K 3 3000K 5 4000K	0 Fixed 1 I-10V 5 DALI 7 Lead / Trail 9 Addressable	0 None E Emergency N Non-maintained
F86	3	1	13	J	5	5	0

- CRI 98 CREE Lighting engine is available on request
- Tolerance range for optical and electrical data shown in this datasheet: ±5%

MINITRIM 62 DIRECTIONAL

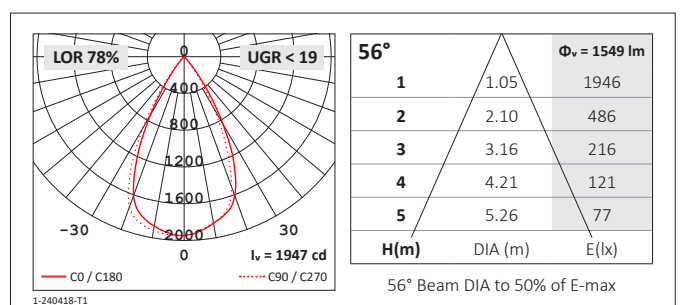
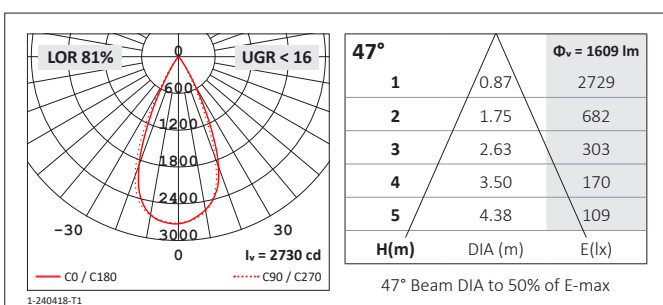
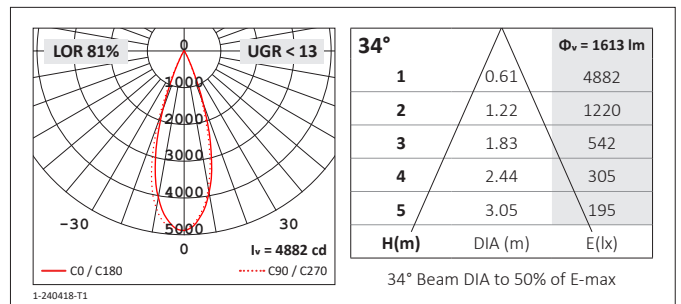
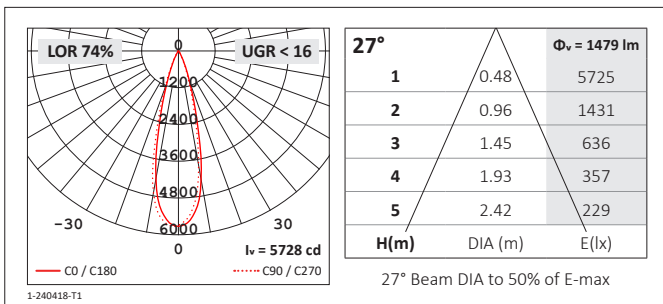


STANDARD MODULE - 27° / 34° / 47° / 56° Beam

CREE Lighting Engine - CRI 90, 2-Step MacAdam
2200K / 2700K / 3000K / 4000K

Source Lumens	System Wattage	Delivered Lumens	Efficacy (LOR 74%)	Delivered Lumens	Efficacy (LOR 81%)	Delivered Lumens	Efficacy (LOR 81%)	Delivered Lumens	Efficacy (LOR 78%)
		27°		34°		47°		56°	
1000 lm	7.2 W	765 lm	106 lm/W	835 lm	115 lm/W	832 lm	115 lm/W	801 lm	111 lm/W
1500 lm	11.1 W	1119 lm	100 lm/W	1221 lm	110 lm/W	1218 lm	109 lm/W	1172 lm	105 lm/W
1900 lm	15.0 W	1479 lm	98 lm/W	1613 lm	107 lm/W	1609 lm	107 lm/W	1549 lm	103 lm/W

Tested with CREE 3000K (System: 14.8 W / 400 mA)

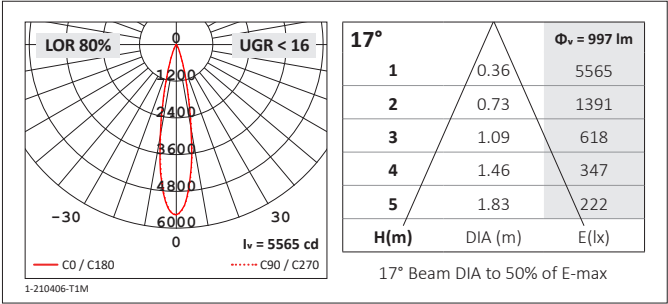


NARROW MODULE - 17° Beam

CREE Lighting Engine - CRI 90, 2-Step MacAdam
2200K / 2700K / 3000K / 4000K

Source Lumens	System Wattage	Delivered Lumens	Efficacy (LOR 80%)
17°			
700 lm	7.2 w	560 lm	77 lm/w
1000 lm	10.9 w	800 lm	73 lm/w
1300 lm	14.7 w	1040 lm	70 lm/w

Tested with CREE 4000K (System: 13.0 W / 350 mA)

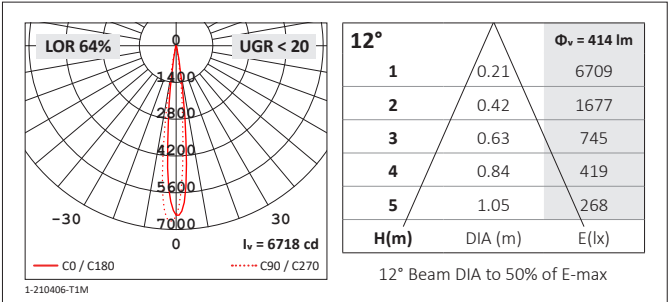


ULTRA NARROW MODULE - 12° Beam

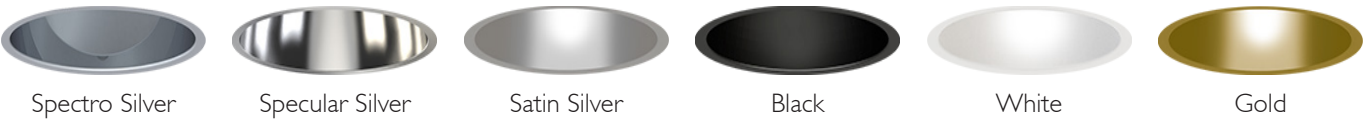
CREE Lighting Engine - CRI 90, 2-Step MacAdam
2200K / 2700K / 3000K / 4000K

Source Lumens	System Wattage	Delivered Lumens	Efficacy (LOR 64%)
12°			
700 lm	8.5 w	448 lm	52 lm/w
1000 lm	13.7 w	640 lm	46 lm/w

Tested with CREE 4000K (System: 6.0 W / 175 mA)



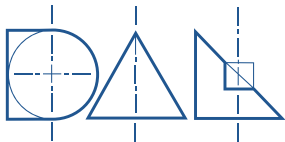
REFLECTOR COLOUR



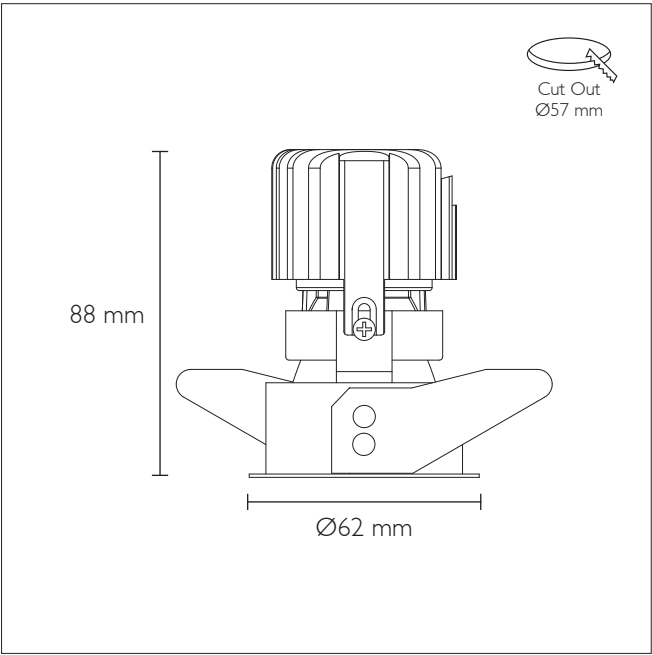
PRODUCT CODING EXAMPLE - F903113J550

Series	Beam	Reflector Colour	Source Lumens	LED	CCT	Driver Protocol	Emergency Protocol
F90 IP20 F91 IP44	U 12°	1 Specular Silver	07 700 lm 10 1000 lm 13 1300 lm	J Cree	1 2200K 2 2700K 3 3000K 5 4000K	0 Fixed 1 I-10V 5 DALI 7 Lead / Trail 9 Addressable	0 None E Emergency N Non-maintained
	1 17°	2 Satin Silver					
	2 27°	3 Black					
	3 34°	4 White					
	4 47°	5 Gold					
	5 56°	8 Spectro Silver					
F90	3	1	13	J	5	5	0

- CRI 98 CREE Lighting engine is available on request
- Tolerance range for optical and electrical data shown in this datasheet: ±5%



MINITRIM 62 SINGLE KICK WALLWASHER

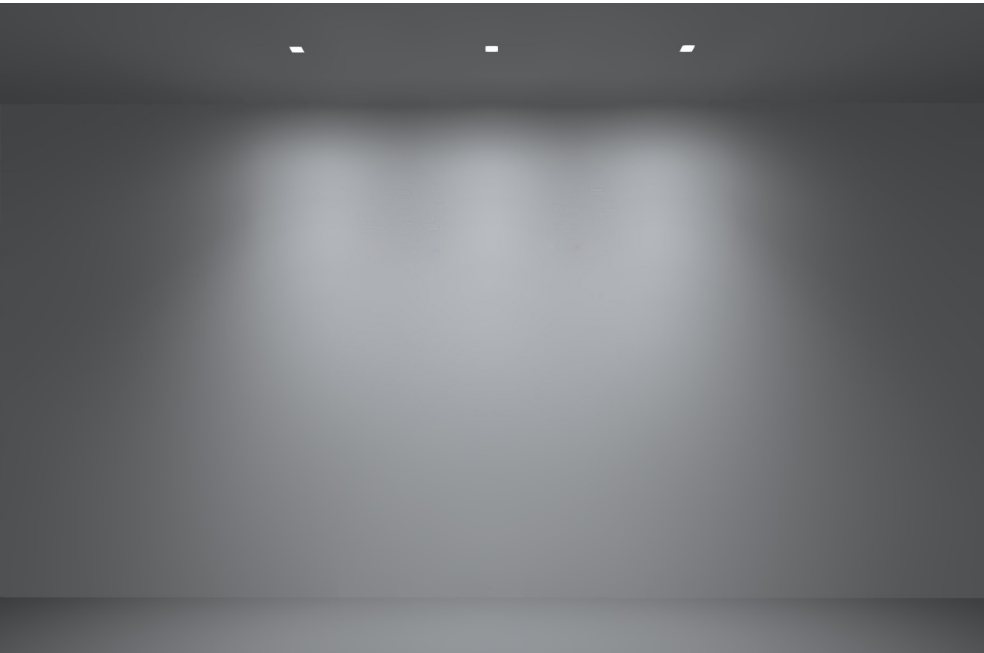
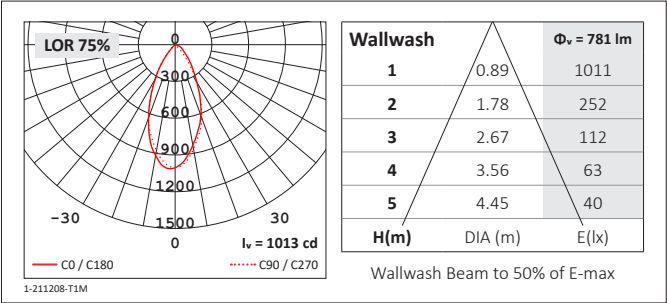


WALLWASH MODULE

CREE Lighting Engine - CRI 90, 2-Step MacAdam
2200K / 2700K / 3000K / 4000K

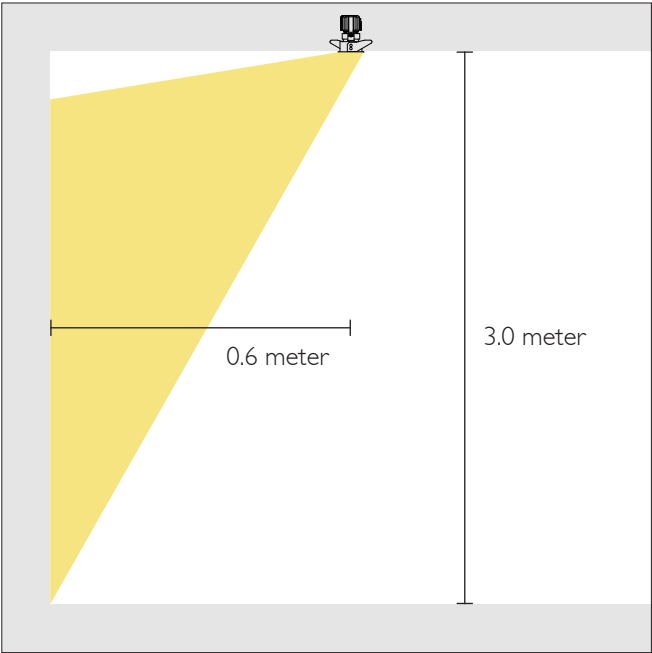
Source Lumens	System Wattage	Delivered Lumens	Efficacy (LOR 75%)
Wallwash			
700 lm	7.2 W	525 lm	72 lm/W
1000 lm	10.9 W	750 lm	68 lm/W
1300 lm	14.7 W	975 lm	66 lm/W

Tested with CREE 4000K (System: 13.0 W / 300 mA)

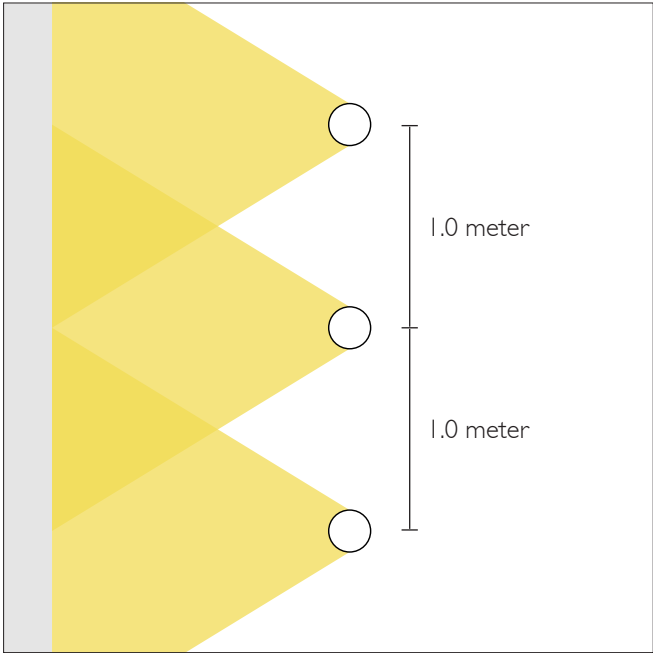


* Simulation for reference only

WALLWASH PLACEMENT



Suggested mounting distance from downlight center to wall of MINITRIM 62 Single Kick Wallwasher is 0.7 meter; ceiling height 3 meter.



Suggested downlight center spacing of the MINITRIM 62 Single Kick Wallwasher is 1.2 meter. Wallwash kicker must be oriented parallel with wall.

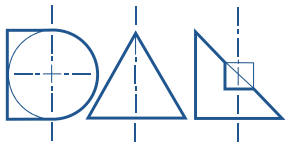
REFLECTOR COLOUR



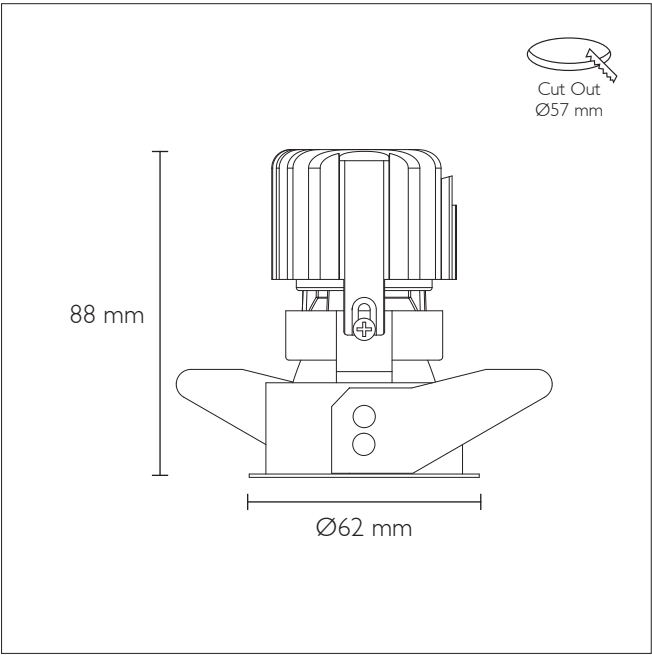
PRODUCT CODING EXAMPLE - F880113J550

Series	Beam	Reflector Colour	Source Lumens	LED	CCT	Driver Protocol	Emergency Protocol
F88 IP20 F89 IP44	0 Wallwash	1 Specular Silver 2 Satin Silver 3 Black 4 White 5 Gold 8 Spectro Silver	07 700 lm 10 1000 lm 13 1300 lm	J Cree	1 2200K 2 2700K 3 3000K 5 4000K	0 Fixed 1 1-10V 5 DALI 7 Lead / Trail 9 Addressable	0 None E Emergency N Non-maintained
F88	0	1	13	J	5	5	0

- CRI 98 CREE Lighting engine is available on request
- Tolerance range for optical and electrical data shown in this datasheet: ±5%



MINITRIM 62 DOUBLE KICK WALLWASHER

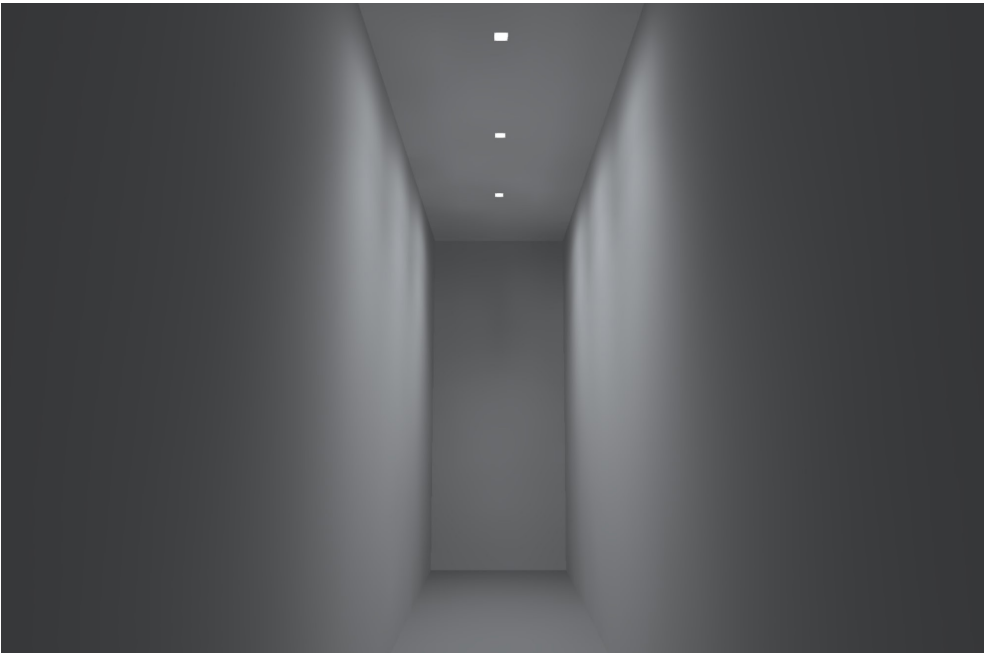
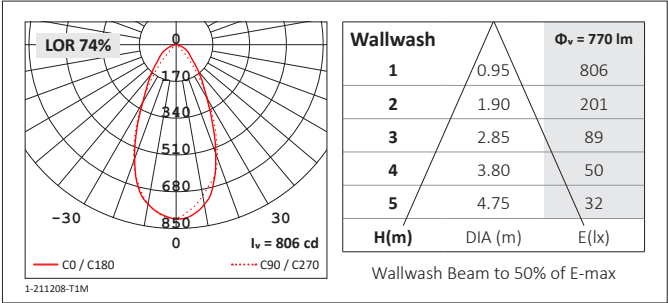


WALLWASH MODULE

CREE Lighting Engine - CRI 90, 2-Step MacAdam
2200K / 2700K / 3000K / 4000K

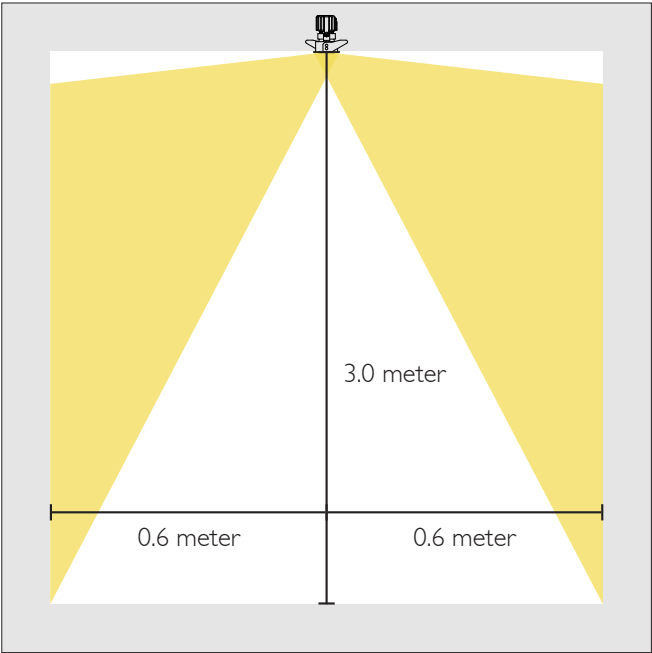
Tested with CREE 2700K (System: 13.0 W / 300 mA)

Source Lumens	System Wattage	Delivered Lumens	Efficacy (LOR 74%)
Wallwash			
700 lm	7.2 W	518 lm	71 lm/W
1000 lm	10.9 W	740 lm	67 lm/W
1300 lm	14.7 W	962 lm	65 lm/W

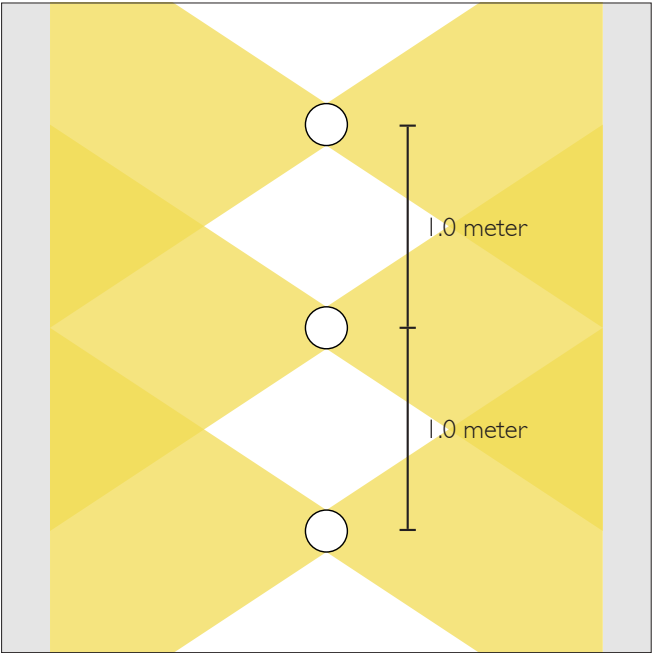


* Simulation for reference only

WALLWASH PLACEMENT



Suggested mounting distance from downlight center to wall of MINITRIM 62 Double Kick Wallwasher is 0.7 meter; ceiling height 3 meter.



Suggested downlight center spacing of the MINITRIM 62 Double Kick Wallwasher is 1.2 meter. Wallwash kicker must be oriented parallel with wall.

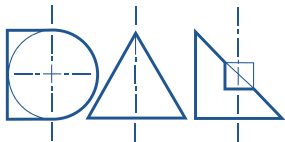
REFLECTOR COLOUR



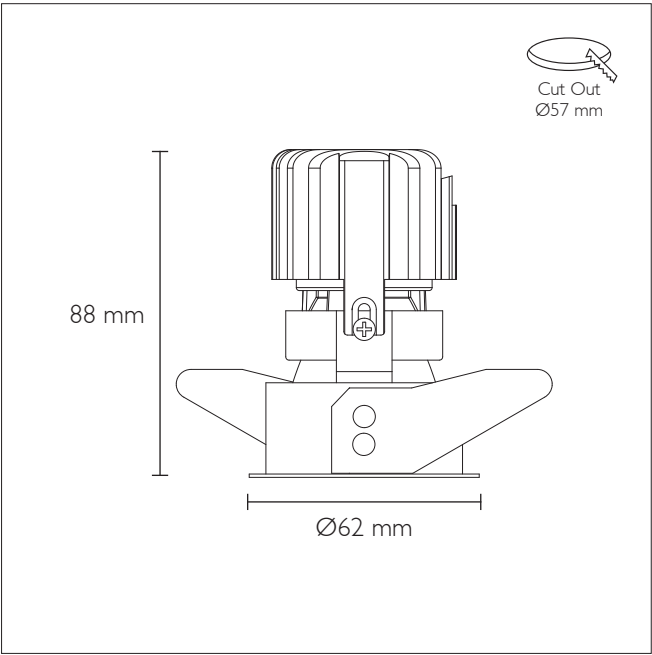
PRODUCT CODING EXAMPLE - F920113J550

Series	Beam	Reflector Colour	Source Lumens	LED	CCT	Driver Protocol	Emergency Protocol
F92 IP20 F93 IP44	0 Wallwash	1 Specular Silver 2 Satin Silver 3 Black 4 White 5 Gold 8 Spectro Silver	07 700 lm 10 1000 lm 13 1300 lm	J Cree	1 2200K 2 2700K 3 3000K 5 4000K	0 Fixed 1 1-10V 5 DALI 7 Lead / Trail 9 Addressable	0 None E Emergency N Non-maintained
F92	0	1	13	J	5	5	0

- CRI 98 CREE Lighting engine is available on request
- Tolerance range for optical and electrical data shown in this datasheet: ±5%



MINITRIM 62 CORNER KICK WALLWASHER

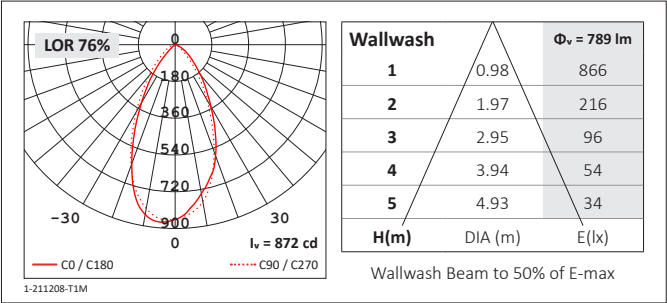


WALLWASH MODULE

CREE Lighting Engine - CRI 90, 2-Step MacAdam
2200K / 2700K / 3000K / 4000K

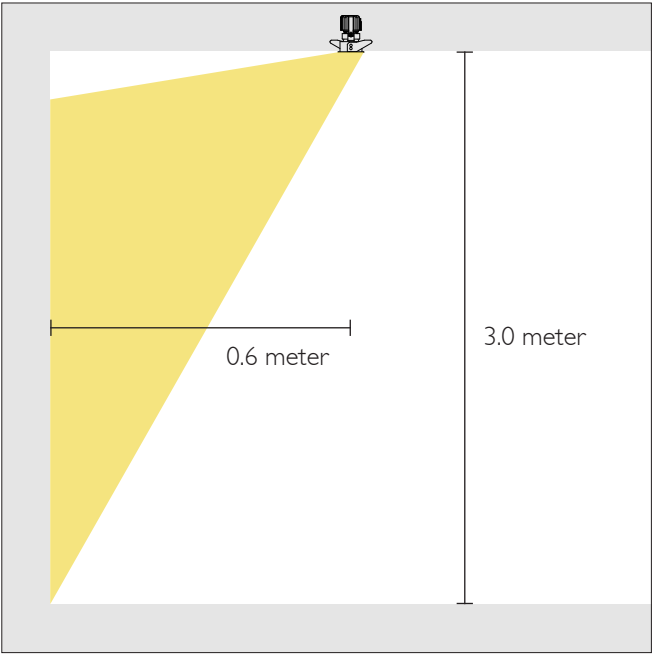
Source Lumens	System Wattage	Delivered Lumens	Efficacy (LOR 76%)
Wallwash			
700 lm	7.2 W	532 lm	73 lm/W
1000 lm	10.9 W	760 lm	69 lm/W
1300 lm	14.7 W	988 lm	67 lm/W

Tested with CREE 2700K (System: 13.0 W / 300 mA)

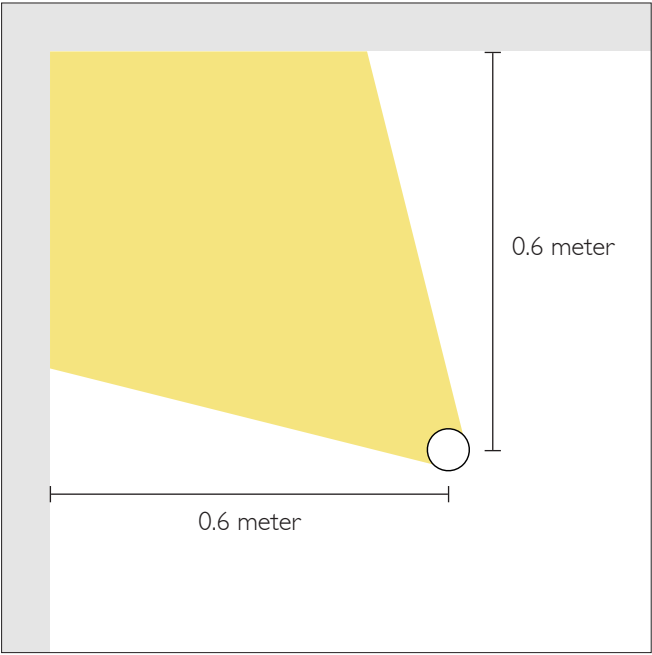


* Simulation for reference only

WALLWASH PLACEMENT

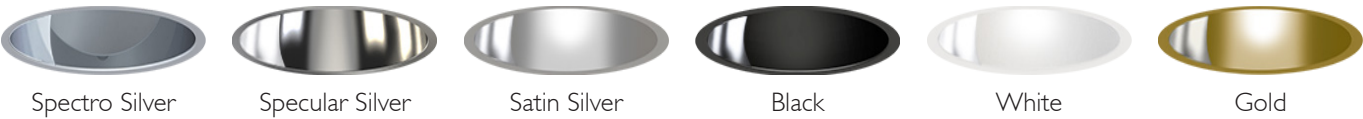


Suggested mounting distance from downlight center to corner of MINITRIM 62 Corner Kick Wallwasher is 0.7 meter; ceiling height 3 meter.



Suggested distance from downlight center to corner walls of the MINITRIM 62 Corner Kick Wallwasher is 0.7 meter. Wallwash kicker must be faced direct to corner.

REFLECTOR COLOUR



PRODUCT CODING EXAMPLE - F940113J550

Series	Beam	Reflector Colour	Source Lumens	LED	CCT	Driver Protocol	Emergency Protocol
F94 IP20 F95 IP44	0 Wallwash	1 Specular Silver 2 Satin Silver 3 Black 4 White 5 Gold 8 Spectro Silver	07 700 lm 10 1000 lm 13 1300 lm	J Cree	1 2200K 2 2700K 3 3000K 5 4000K	0 Fixed 1 1-10V 5 DALI 7 Lead / Trail 9 Addressable	0 None E Emergency N Non-maintained
F94	0	1	13	J	5	5	0

- CRI 98 CREE Lighting engine is available on request
- Tolerance range for optical and electrical data shown in this datasheet: ±5%