



نور عمان

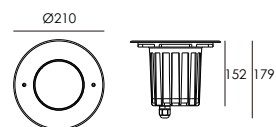


NOOROMAN

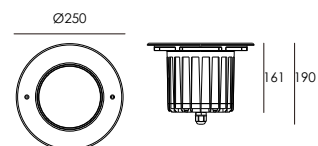
NFR....
LED Inground Light



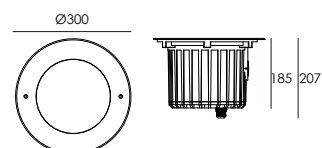
ITEM
NFR0170
LIGHT SOURCE
1×18W COB
REFLECTOR
R19
SELECTED DEGREE(°)Ø1/2
22°
INPUT VOLTAGE(V)
DC 24 120 240
OPERATING CURRENT(MA)
DC 24=700 120=160 240=85
CONSUMPTION(W)
DC 24=17 120=18.5 240=18.5
LUMINANCE(LM)
CW=1834 WW=1760
IK
10



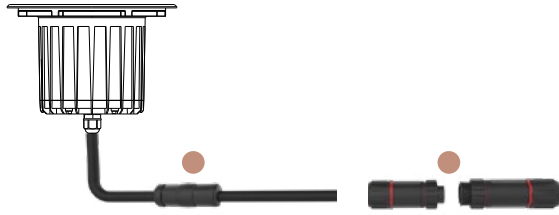
ITEM
NFR0173
LIGHT SOURCE
1×25W COB
REFLECTOR
R16
SELECTED DEGREE(°)Ø1/2
12°
INPUT VOLTAGE(V)
DC 24 120 240
OPERATING CURRENT(MA)
DC 24=1158 120=240 240=124
CONSUMPTION(W)
DC 24=28 120=28 240=28
LUMINANCE(LM)
CW=3001 WW=2803
IK
10



ITEM
NFR0176
LIGHT SOURCE
1×40W COB
REFLECTOR
R29
SELECTED DEGREE(°)Ø1/2
24°
INPUT VOLTAGE(V)
DC 24 120 240
OPERATING CURRENT(MA)
DC 24=1870 120=372 240=187
CONSUMPTION(W)
DC 24=45 120=45 240=44.5
LUMINANCE(LM)
CW=4425 WW=4097
IK
10



WATER PROOF SOLUTION



Water-Stopper(Included)

A IP-67 water-stopper is added in the end of luminaires as standard assembly which is also an important system for water resistance.

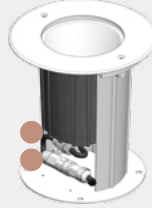
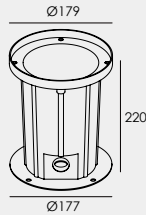
IP67 Jiffy quick plug/socket connector(Optional)

A IP-67 connector is as an optional assembly and ensures that water vapor will not enter into luminaires directly.

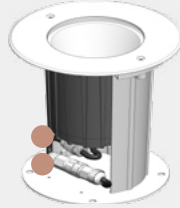
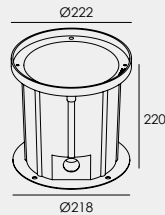
SLEEVE(Included)



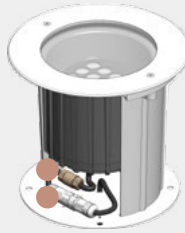
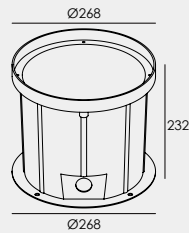
NFR0170
Recessed Sleeve **067**



NFR0173
Recessed Sleeve **068**



NFR0176
Recessed Sleeve **106**



HOUSING

12# Die-casting aluminum dark grey powder coated
T=60-80µm Adhesion of ISO class 1/ATM class 4B

FRONT COVER

Hard chrome-plated stainless steel SUS 316L#

LIGHT WINDOW

NFR0170: Tempered step glass,T=8mm
NFR0173: Tempered step glass=10mm
NFR0176: Tempered step glass,T=10mm

REFLECTOR

OPTICS Reflector efficiency≥90%

LED

NICHIA COB

GLASS PRESSURE CAPACITY

NFR0170: Full Area=2,940kgs
NFR0173: Full Area=5,513kgs
NFR0176: Full Area=5,356kgs

CABLE GLAND

NFR0170: IP68 PG-11 PA66
NFR0173: IP68 PG-13.5 PA66
NFR0176: IP68 PG-13.5 PA66

GASKET

Silicon rubber molding shaped seal

LED DRIVER

Constant Voltage Input, Constant Current Output

OPERATING TEMPERATURE

-20°C~50°C

POWER CABLE

Outside of luminaire
NFR0170:
12V/24V: H07RN-F 2×1.0mm², L=0.5m
120V/240V: H07RN-F 3×1.0mm², L=0.5m
NFR0173, NFR0176:
2V/24V: H07RN-F 2×1.0mm², L=0.5m
120V/240V: H07RN-F 3×1.0mm², L=0.5m

DIMMING SUPPORT

Triac PWM Available
1-10V Dali Customized

RECESSED SLEEVE MATERIAL

PC/ABS ALLOYS

OPTICS

Referenced Degree(°)91/2



R19

10°

22°

38°



R16

12°

25°

38°



R29

8°

24°

38°

High Luminance Output Inground Flood Light

IP-67

HONEYCOMB LOUVER (Option)

R2FFR0170



Louver Mh008

R2GFR0173



Louver Mh009

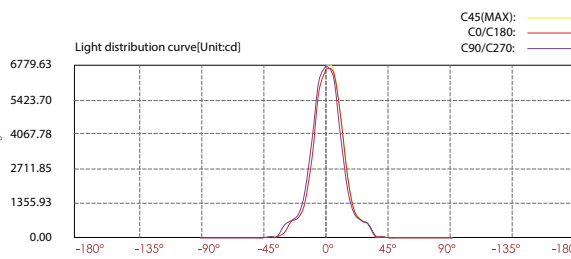
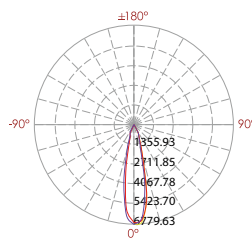
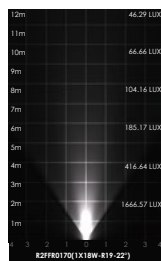
R2KFR0176



Louver Mh035

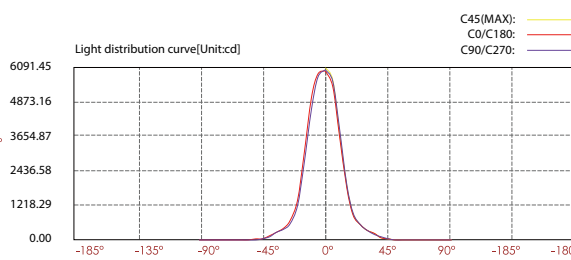
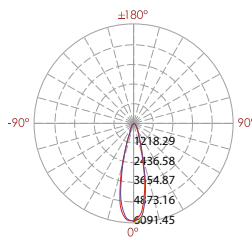
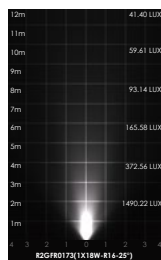
- Optional Accessory Honeycomb Louver.
- The measured luminous flux data does not contain the honeycomb, and the data containing is reduced 20 to 30%.

PHOTOMETRIC



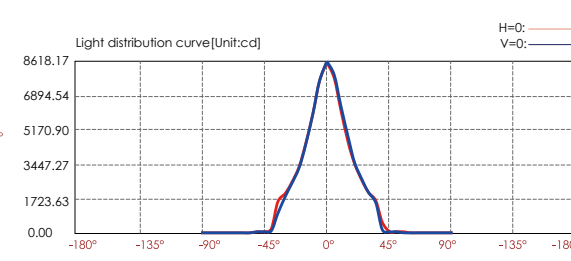
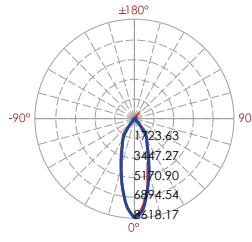
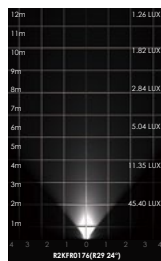
Lux distance cure

Illuminance at a distance		Beam width	
Center beam LUX	V	H	
2m 1666.57 LUX	0.8m	0.8m	
4m 416.64 LUX	1.6m	1.6m	
6m 182.17 LUX	2.4m	2.4m	
8m 104.16 LUX	3.3m	3.2m	
10m 66.66 LUX	4.1m	4.0m	
12m 46.29 LUX	4.9m	4.8m	
Ver.Spread:23.0		Horiz.Spread:22.8	



Lux distance cure

Illuminance at a distance		Beam width	
Center beam LUX	V	H	
2m 1490.22 LUX	0.9m	1.0m	
4m 372.56 LUX	1.9m	1.9m	
6m 165.58 LUX	2.8m	2.9m	
8m 93.14 LUX	3.8m	3.8m	
10m 59.61 LUX	4.7m	4.8m	
12m 41.40 LUX	5.7m	2.7m	
Ver.Spread:26.5		Horiz.Spread:26.9	



Lux distance cure

Illuminance at a Distance		Beam Width	
Center Beam LUX	V	H	
2m 2139.95 LUX	1.1m	1.2m	
4m 534.99 LUX	2.3m	2.3m	
6m 237.77 LUX	3.4m	3.5m	
8m 133.75 LUX	4.5m	4.6m	
10m 85.60 LUX	5.7m	5.8m	
12m 59.44 LUX	6.8m	6.9m	
Ver.Spread:31.7		Horiz.Spread:32.3	