DOWNLIGHTS

HILUX 8” ROUND

Noortek
More Light

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HILUX 8"ROUND

SPECIFICATIONS :

Mounting	:	Ceiling recessed
Lamp type	:	HIT-DE
Lamp holder	:	RX7S
Control gear type	:	Electronic
Voltage Rating/ Freq.	:	220-240V / 50-60 Hz
Power factor	:	>0.90
Degree of protection	:	IP 40
Internal Wiring	:	1.0 mm sq. str. wire in 3mm diam. fiberglass sleeves
Cable connection	:	Terminal block, 3-pole, screw type with grounding
Conformity	:	IEC 60598 / SASO 1318
Light controller	:	CA-SB-CTG / CA-FR-FG

DESCRIPTIONS : HILUX 8" Round is a recessed luminaire of 0.6 mm steel housing finished with 3-stages pretreatment electrostatic powder coating. The trim is made of die casted aluminum. The aluminum optic is used with purity higher than 99% and reflectance higher than 80% for LOR reaches up to 49%. DIAL certified photometry. Energy efficiency is obtained using an electronic ballast with PF higher than 0.95.

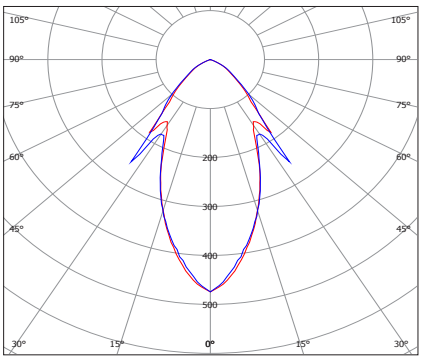
APPLICATIONS : Office, high ceiling and multi-purposes applications.

Noortek

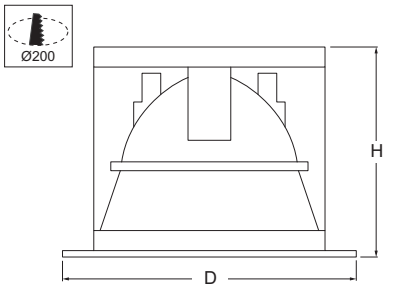
Glare Evaluation According to UGR

ρ Ceiling		70	70	50	50	30	70	70	50	50	30
ρ Walls		50	30	50	30	30	50	30	50	30	30
ρ Floor		20	20	20	20	20	20	20	20	20	20
Room Size X	Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	19.5	20.4	19.8	20.6	20.8	19.9	20.8	20.2	21.0	21.2
	3H	19.4	20.2	19.7	20.5	20.7	19.8	20.6	20.1	20.8	21.1
	4H	19.3	20.1	19.7	20.4	20.6	19.7	20.5	20.0	20.7	21.0
	6H	19.3	20.0	19.6	20.2	20.5	19.7	20.4	20.0	20.6	20.9
	8H	19.2	19.9	19.6	20.2	20.5	19.6	20.3	20.0	20.6	20.9
	12H	19.2	19.8	19.6	20.1	20.5	19.6	20.2	19.9	20.5	20.8
4H	2H	19.5	20.3	19.8	20.5	20.8	19.9	20.6	20.2	20.9	21.2
	3H	19.4	20.1	19.8	20.4	20.7	19.8	20.4	20.2	20.7	21.1
	4H	19.4	19.9	19.7	20.2	20.6	19.7	20.3	20.1	20.6	21.0
	6H	19.3	19.8	19.7	20.1	20.5	19.7	20.1	20.1	20.5	20.9
	8H	19.3	19.7	19.7	20.1	20.5	19.6	20.0	20.0	20.4	20.8
	12H	19.2	19.6	19.7	20.0	20.4	19.6	20.0	20.0	20.4	20.8
8H	4H	19.3	19.7	19.7	20.1	20.5	19.6	20.0	20.0	20.4	20.8
	6H	19.2	19.5	19.6	19.9	20.4	19.5	19.9	20.0	20.3	20.7
	8H	19.1	19.4	19.6	19.9	20.3	19.5	19.8	20.0	20.2	20.7
	12H	19.1	19.3	19.6	19.8	20.3	19.4	19.7	19.9	20.2	20.6
12H	4H	19.2	19.6	19.7	20.0	20.4	19.6	20.0	20.0	20.4	20.8
	6H	19.1	19.4	19.6	19.9	20.3	19.5	19.8	20.0	20.2	20.7
	8H	19.1	19.3	19.6	19.8	20.3	19.4	19.7	19.9	20.2	20.6
Variation of the observer position for the luminaire distances S											
S =1.0H		+2.8 / -2.2					+1.7 / -2.1				
S =1.5H		+4.6 / -4.3					+2.7 / -4.3				
S =2.0H		+6.3 / -13.1					+4.3 / -13.2				
Standard table		BK00					BK00				
Correction Summand		-4.9					-4.8				

Corrected Glare Indices referring to 6100lm Total Luminous Flux
The UGR values have been calculates according to CIE Publ. 117 Spacing-to-Height-Ratio = 1.00.



DLR[8"]-HID-70WE/CA-SB-CTG [WH] LOR-49%
For the rest refer to page - 434



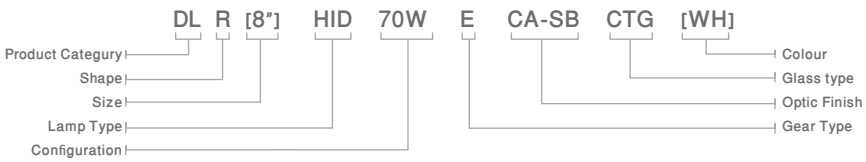
CODE	D	H
DLR[8"]-HID-70WE/CA-SB-CTG [WH]	228	220
DLR[8"]-HID-70WE/CA-FR-FG [WH]	228	220

HIT-DE | IP 40 | Rx7s | 220V 240V 50/60 Hz

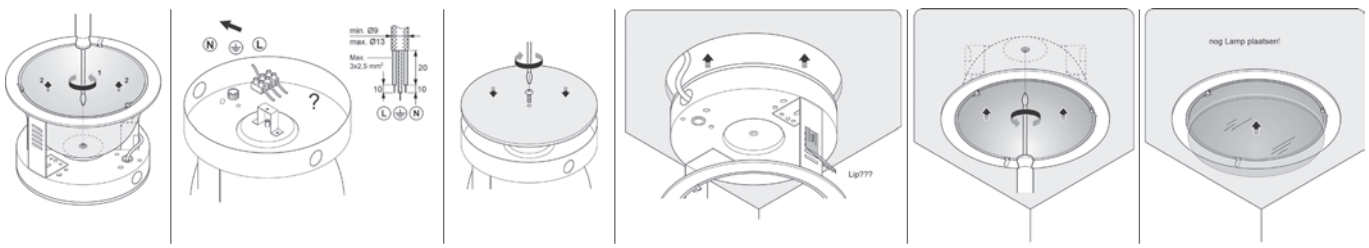
OPTIONS:

- Gear [DIM]
- Lamp holder [E27]
- Reflector [ASSY]
- Trim Color [WH] [GR] [AU]

Ordering Example



Mounting System



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HILUX 8"ROUND

SPECIFICATIONS :

Mounting	:	Ceiling recessed
Lamp type	:	HIT-DE
Lamp holder	:	RX7S
Control gear type	:	Electronic
Voltage Rating/ Freq.	:	220-240V / 50-60 Hz
Power factor	:	>0.90
Degree of protection	:	IP 40
Internal Wiring	:	1.0 mm sq. str. wire in 3mm diam. fiberglass sleeves
Cable entry	:	16mm dia. holes at the side of the control gear housing
Cable connection	:	Terminal block, 3-pole, screw type with grounding
Conformity	:	IEC 60598 / SASO 1318
Light controller	:	CA-SB-CTG / CA-FR-FG

DESCRIPTIONS : HILUX 8" Round is a recessed luminaire of 0.6 mm steel housing finished with 3-stages pretreatment electrostatic powder coating. The trim is made of die casted aluminum. The aluminum optic is used with purity higher than 99% and reflectance higher than 80% for LOR reaches up to 60%. DIAL certified photometry. Energy efficiency is obtained using an electronic ballast with PF higher than 0.95.

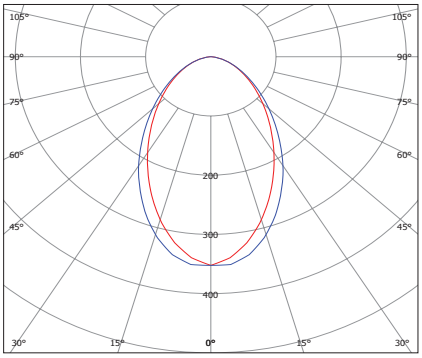
APPLICATIONS : Office, high ceiling and multi-purposes applications.

Glare Evaluation According to UGR

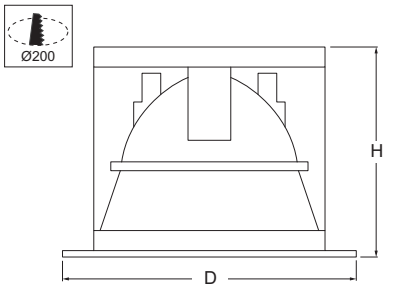
ρ Ceiling		70	70	50	50	30	70	70	50	50	30
ρ Walls		50	30	50	30	30	50	30	50	30	30
ρ Floor		20	20	20	20	20	20	20	20	20	20
Room Size X	Y	Viewing direction at right angles to lamp axis					Viewing direction parallel to lamp axis				
2H	2H	33.4	34.5	33.7	34.8	35.0	34.0	35.2	34.3	35.4	35.6
	3H	34.7	35.7	35.0	36.0	36.2	35.2	36.2	35.5	36.5	36.8
	4H	35.2	36.1	35.5	36.4	36.7	35.6	36.6	35.9	36.8	37.1
	6H	35.4	36.3	35.8	36.6	36.9	35.8	36.7	36.2	37.0	37.3
	8H	35.5	36.4	35.9	36.7	37.0	35.9	36.7	36.2	37.0	37.3
	12H	35.5	36.3	35.9	36.7	37.0	35.9	36.7	36.2	37.0	37.3
4H	2H	33.9	34.9	34.3	35.2	35.4	34.4	35.4	34.8	35.7	35.9
	3H	35.5	36.3	35.8	36.6	36.9	35.9	36.7	36.2	37.0	37.3
	4H	36.0	36.7	36.4	37.1	37.4	36.4	37.1	36.8	37.4	37.8
	6H	36.4	37.0	36.8	37.4	37.8	36.7	37.3	37.1	37.7	38.1
	8H	36.5	37.0	36.9	37.4	37.8	36.8	37.3	37.2	37.7	38.1
	12H	36.5	37.0	37.0	37.4	37.9	36.8	37.3	37.2	37.7	38.1
8H	4H	36.2	36.8	36.7	37.2	37.6	36.6	37.1	37.0	37.5	37.9
	6H	36.7	37.1	37.2	37.6	38.0	37.0	37.4	37.4	37.9	38.3
	8H	36.8	37.2	37.3	37.7	38.2	37.1	37.5	37.6	37.9	38.4
	12H	36.9	37.3	37.4	37.7	38.2	37.1	37.5	37.6	37.9	38.4
12H	4H	36.2	36.7	36.7	37.1	37.6	36.6	37.1	37.0	37.5	37.9
	6H	36.7	37.1	37.2	37.6	38.0	37.0	37.4	37.5	37.8	38.3
	8H	36.9	37.2	37.4	37.7	38.2	37.1	37.5	37.6	37.9	38.4

Variation of the observer position for the luminaire distances S		
S =1.0H S =1.5H S =2.0H	+0.2 / -0.3 +0.4 / -0.8 +0.7 / -1.3	+0.2 / -0.4 +0.4 / -0.9 +0.9 / -1.4
Standard table	BK04	BK04
Correction Summand	8.6	9.0

Corrected Glare Indices referring to 14000lm Total Luminous Flux
The UGR values have been calculates according to CIE Publ. 117 Spacing-to-Height-Ratio = 1.00.



DLR[8"]-HID-150WE/CA-FR-FG [WH] LOR:60%
For the rest refer to page - 434



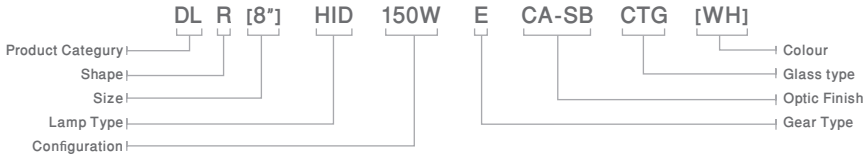
CODE	D	H
DLR[8"]-HID-150WE/CA-SB-CTG [WH]	228	220
DLR[8"]-HID-150WE/CA-FR-FG [WH]	228	220

HIT-DE | IP 40 | Rx7s | 220V 240V 50/60 Hz

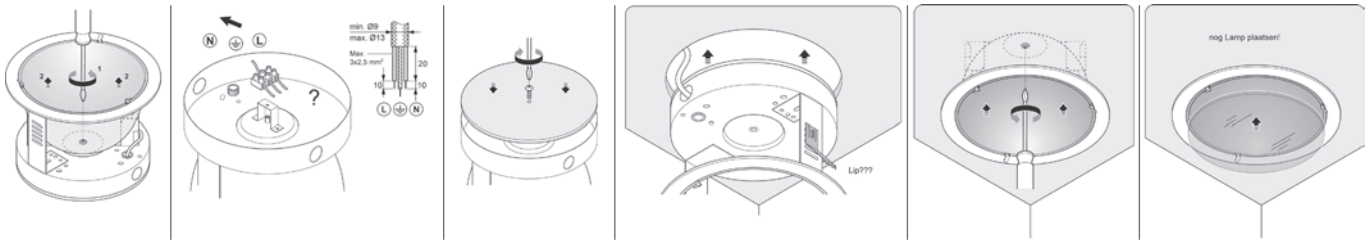
OPTIONS:

- Gear [DIM] [DALI] [2xEB]
- Emergency Kit [EM1.5] [EM3]
- Reflector [ASSY]
- Trim Color [WH] [GR] [AU]

Ordering Example



Mounting System



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